19th

International Apprentice Competition 1970

Report of the General Secretariat

Japan

TABLE OF CONTENTS

1. Foreword

2. Organization of the 19th Competition

3. Organizers of the Competitions

4. Organizing Council of the 19th International Apprentice Competition

5. Japanese Organizing Committee

6. Collaborating associations, entities and companies

7. Description and plan of the installations of the School of Apprenticeship for Adults in CUIBA

9. Data on the development of the 19th International Competition

10. Development of the Competition

13. Place, date and accomodation of the contestants from Europe

16. Opening Ceremony

19. Cultural Activities

21. Seminary on Apprenticeship in Japan

22. Closing Ceremony

25. Member countries of the Competitions and Representations they have

26. Composition of the Marking Juries

27. Committees, Marking Juries and Workshop Foremen of the 19th International Competition

29. Rules of the Competition

30. Instructions for the Technical Committee, Juries and Workshop Foremen

33. Instructions for the Technical Experts

37. General Remarks for the Workshop Foremen

38. Instructions for the Contestants

39. Statistic Data

40. Number of Contestants per country

41. Exercise proposals to each member country and presented by them

42. Participants and awards obtained corresponding to country and each trade
43. Numerical relation of the awards obtained by the participating countries
44. Total number of participants, medals and mentions obtained by the member countries in the last five Competitions
45. Analysis of marks obtained by Gold Medal winners

47. Ditto Silver Medals

49. Ditto Bronze Medals

52. Ditto Mentions of Honour

55. Participants and marks obtained in each of the trades.- Total marks per trade, branch and country.- Averages
57. Number of Contestants and averages obtained in each of the trades at the XV,XVI,XVII.XVIII and XIX Competitions
59. Total and average marks per trade branch of the 19th International Competition
60. Ditto in the XV, XVI, XVII, XVIII and XIX Competitions

61. Place and date of the 19 Competitions

62. The year in which different countries took part in the Competitions

63. Date and Competition in which the different countries took part for the first time
64. Total of participants by countries and Competitions

= = = = = = = = = = = = = = =

1. Minutes of the meetings held in Granada (Spain) by the Technical Committee of the International Apprentice Competitions on 4th, 5th & 6th November, 1969

11. Meeting of the Organizing Council of the International Apprentice Competitions held in Granada on 6th & 7th November, 1969, at the Caja de Ahorros in that city

19. Appendix Nº 1 - Program for the 19th International Apprentice Competition, in Tokyo, 1970

21. Appendix Nº 2 - Seminar on "Japanese Apprentice Training" for member countries and guests attending the 19th International Apprentice Competition

23. Appendix Nº 3 - Results of the conversations between the International Secretariat and the Japanese Mission, reported to the Organizing Council on 7th November, 1969, in Granada

25. Minutes of the meeting of the Technical Committee held in Lisbon (Portugal) on 16th, 17th & 18th April, 1970

38. Minutes of the Technical Committee meeting held in Chiba (Japan) on 3rd & 4th of November, 1970

43. Addendum to the minutes of the meeting of the Technical Committee of November 7th, 1970

53. Minutes of the meeting of the Organizing Council held in Tokyo on 9th November, 1970

58. Minutes of the meeting of the Technical Committee held in Chiba (Japan) on 17th November, 1970

62. Annex - Points obtained by the competitors in each of the trades convened in the XIX International Apprentice Competition, stating the prizes and distinctions awarded

69. Minutes of the meeting of the Organizing Council held at the Adult Training Centre at Chiba (Japan) on 17th November

= = = = = = = = = = = = = = =

FOREWORD

For the last six years we have issued this publication, which gives full details of the corresponding Competition, immediately after it has taken place.

With the aim of making it easier to understand our activity, we have collected numerous statistic data to give a fuller and better comprehension and analysis of the technical results of the Competition. We feel that people not involved in the Competitions will be able to see the details more easily through the information, at times repeated, than by means of the extensive statistic data which summarize the different facets of the activity.

This report is published, as last year, in English, French, German and Spanish, and the circulation reaches 2,000 copies.

We have great pleasure in extending this publication to a new country which honours our Competitions with its presence. We are referring to China of Taipei, a distant and dear country.

Once again, with our cordial welcome goes the wish that the reader of this report will gain full and detailed knowledge of our International Apprentice Competitions.

With the hope that the reading may be both pleasant and useful, many thanks for your attention.

Organization of the 19th Competition

The Annual General Meeting of the Organizing Committee was held in Granada (Spain), during November 1969, and it was then that the organization of the XIX International Competition began.

At this meeting Mr. Hayakawa, the Japanese Director-General of the National Competitions, was elected International Vice-President. The proposal that Mr. Franz Woerner, the German Technical Representative, should be named President of the Technical Committee was met with approval. Later, due to the death of such a good friend, the Vice-President of the said Committee, Mr. H.J.H. Hamer, the Dutch Technical Representative, took over the presidency of the Technical Committee in all its aspects.

Bearing in mind that it was the first time that the Competition would take place in the Asian continent, the diverse problems, both large and small, were debated for a long time. Another meeting for the Technical Committee was called in April in Lisbon, as it had not been possible, through lack of time, to complete all the details at the meeting in Granada.

At this meeting, Mr. Reeves, the Technical Representative for the United Kingdom, suggested that the technical standard of the Competitions should be raised in order to develop and stimulate the work of both the industrial and artesan apprentices, without forgetting, of course, that these Competitions are arranged for apprentices and not for professionals.

The descriptions of 26 trades which would form the Competition, in agreement with what Mr. Reeves had said, were passed.

It was approved that a total of 30 trades be convened: seven in mechanics, three in wood, five in construction and four in artistic trades and services.

At the meeting of the Technical Committee which was held in Lisbon, eight Committees and seventeen Marking Juries were formed, and it was agreed to select exercises beforehand to guarantee the standard of the same.

The necessary regulations were studied and laid down to ensure the development of the Competition and Messrs. Hayakawa, Furuya and Miyamori, International Vice-President, Official Representative and Technical Representative of Japan respectively, gave detailed information on the preparations that the Japanese Organizing Committee

was making at that time. The programme and development of the XIX International Competition were also made known.

The request made by China of Taipei to take part in this Competition was approved. The possibilities were also studied of editing a work manual for the Competition and of awarding a Competition medal to distinguish those who give their generous help to our activity.

It is only fair to draw attention to the great hospitality that the authorities of Granada gave to all those present during the eight days of this meeting.

We would like to give our sincere thanks to the Civil Governor, the President of the Committee, the Mayor and Director of the Savings Bank (Caja de Ahorros), as well as to the Provincial Youth Delegation in Granada, one of the greatest Andalusian cities.

Organizers of the Competitions

As is known, the only body governing the International Competitions is the Organizing Council, compromising a President, two Vice-Presidents, a Secretary-General and two representatives, one official and one technical, for each member country.

The Technical Representatives, together with their President and Vice-President form the Technical Committee. All of these, except the President, are also members of the Committees and the Marking Juries, being helped by two experts in each trade, as long as the latter have a different nationality from that of the President of the Committee or of the Jury.

The responsibility of Organizing the Competition in each country falls to a National Organizing Committee, which provides the necessary assistance and collaboration to make the Competition successful. This Committee, composed of eminent persons from the host country, must follow the instructions of the Secretariat-General which were laid down by the International Council.

In the following pages, lists are given of those persons and entities without whose generous intervention a competition like ours would be impossible.

Organizing Council of the 19th International Apprentice Competition

PRESIDENT

Baldomero Palomares

VICE-PRESIDENT

Masaru Havakawa

VICE-PRESIDENT

Faustino Ramos

COUNTRY	OFFICIAL REPRESENTATIVES	TECHNICAL REPRESENTATIVES
Germany	Ernst Cech	Helmut Schubert
Austria	H. Haüsler-Angeli	Hans Bammer
Belgium	Pierre Vlaemminck	Jean Vastiau
Korea	Chang Jeung Lee	Myon Soon Kang
China	Sze-Cheh Wang	Cheng-Chen Liu
Spain	Faustino Ramos	Eduardo Serrano
Holland	W.C.S. Laman Trip	H.J.H. Hamer
Ireland	Michael O'Flanagan	Seamus Power
Italy	Enrico Ferrari	Giuliano Ghedini
Japan	Yoshikazu Furuya	Shigenobu Miyamori
Liechtenstein	Otto Seger	Karl Walser
Luxembourg	Gaston Glaesener	Jacques Mischo
Malta	Alfred A. Chircop	Anthony Raimondo
Portugal	Carlos A. Dias Ferreira	Aristides Antunes Leitao
United Kingdom	Fred D. Hill	F.M. Reeves
Switzerland	Albert Müller	Ernst Schürch

PRESIDENT OF THE TECHNICAL COMMITTEE

H.J.H. Hamer

SECRETARY-GENERAL

Francisco Albert

HEAD OF THE SECRETARIAT

Julio Capdepón

Japanese Organizing Committee

HONORARY PRESIDENT	Nakajima Keiji	President, Oji Paper Co.
PRESIDENT	Komai Ken-ichiro	President, Hitachi Ltd.

VICE-PRESIDENTS

Kawahara Ryozaburo	President, Toshiba Machinery Co.
Hirota Siichiro	President, Toyo Toray Co.
Imazato Koki	President, Nippon Seiko Co.
Mori Hideo	President, Corporation of Promotion and Employment Projects

DIRECTOR-GENERAL

Masaru Hayakawa	Director-General of the Japanese Industrial and Apprentice Association

COMMITTEE PRESIDENTS

Komai Ken-ichiro	President, Hitachi Ltd.	Finance
Doko Toshio	President, Toshiba Electric Co.	Public Relations
Nakao Tetsujiro	Vice-President, Matsushita Electric Co.	Technical Committee
Kawahara Ryozaburo	President, Toshiba Machinery Co.	Administration

SUB-COMMITTEE PRESIDENTS

Watanabe Takeo	Director, Nihon Electric Co.	Catering
Matsuda Ken	Director-General Delegate of the Department of Personnel and Education	Accomodation and Transport
Hirose Naichiro	Executive Director, Hitachi Ship Building Co.	Ceremonies
Ueda Kenzo	Director of the Department of Organization and Cooperation JFEA.	Receptions and Excursions
Izawa Yasuhisa	Director of the Department of General Matters, Toshiba Turbine Workshop	Seminaries

SECRETARIAT

Furuya Yoshikazu	Administration
Tanaka Reizoh	Direction
Yoshimi Nobuji	Catering
Koike Noboru	Finance

The XIX Competition would not have been possible without the extraordinary collaboration of the Ministry of Labour, which provided assistance in every aspect, not only as regards technical matters but also as regards men and material.

Below is a list of all the companies who were generous enough to finance the Competition.

HITACHI LTD.

OJI PAPER CO.

TOSHIBA MACHINERY CO.

TOYO TORAY CO.

NIPPON SEIKO CO.

TOSHIBA ELECTRIC CO.

MATSUSHITA ELECTRIC CO.

NIKON ELECTRIC CO.

TOSHIBA TURBINE WORKS.

EMPLOYMENT PROMOTION PROJECT CORPORATION

DEPT. OF PERSONNEL & EDUCATION

ORGANIZING & COOPERATION DEPT., JFEA

Our warmest thanks
to everyone for
their generous help.

CHIBA

The Central Trade Centre in Roppo-Machi, Chiba-shi, is an Apprentice Centre for Adults and Monitors, not only for Japan but also for other Asian countries. This school is famous for its research and teaching of new techniques, and it was here that the XIX International Competition was held.

The distribution of the work-shops and services was intelligently planned, leading to the smooth running of the Competition. The fact that the installations were near each other made it possible to look at the competitors' work with ease, and at the same time, the fact that the different work-shops were in separate buildings made each trade quite independent.

The services and work-shops were distributed as follows:

Building nº 1.

A three storey building situated on the right of the main entrance. It was here that the Governing Body and the Organizers of the Competition were established. On the first floor the Japanese Organizing Committee and the Information Bureau were installed. On the second, the Presidency, Organizing Council and Secretariat-General, and on the 3rd, the simultaneous translation hall.

Building nº 2.

Connected to Building nº 1 by the rear wing, the work-shops for Turning and Milling were installed on the 1st floor and those for Construction and Plumbing on the 2nd.

Building nº 3.

The largest building of two floors. On the 2nd, the wood trades joinery, carpentry and cabinet making were established. From this floor, which is half the size of the lower one, the work-shop installations of electric welding, fitting, cresstool making, instrument making and painting could be completely seen.

Building nº 4.

Of small dimensions. The bricklaying work-shop was installed here.

Building nº 5.

Equally small, the exercises of foundry moulding took place here.

Building nº 6.

In spite of its small dimensions, the exercises of wood pattern making and gas welding were carried out with ease here.

Building nº 7.

Of similar conditions and dimensions as those of Building nº 6, the competitors worked in the constructional steel work and panel beating trades.

Buildings nos. 8 & 9.

The smallest two of the installation complex. The trades of plaster work and stone cutting were carried out on the first and second floor respectively.

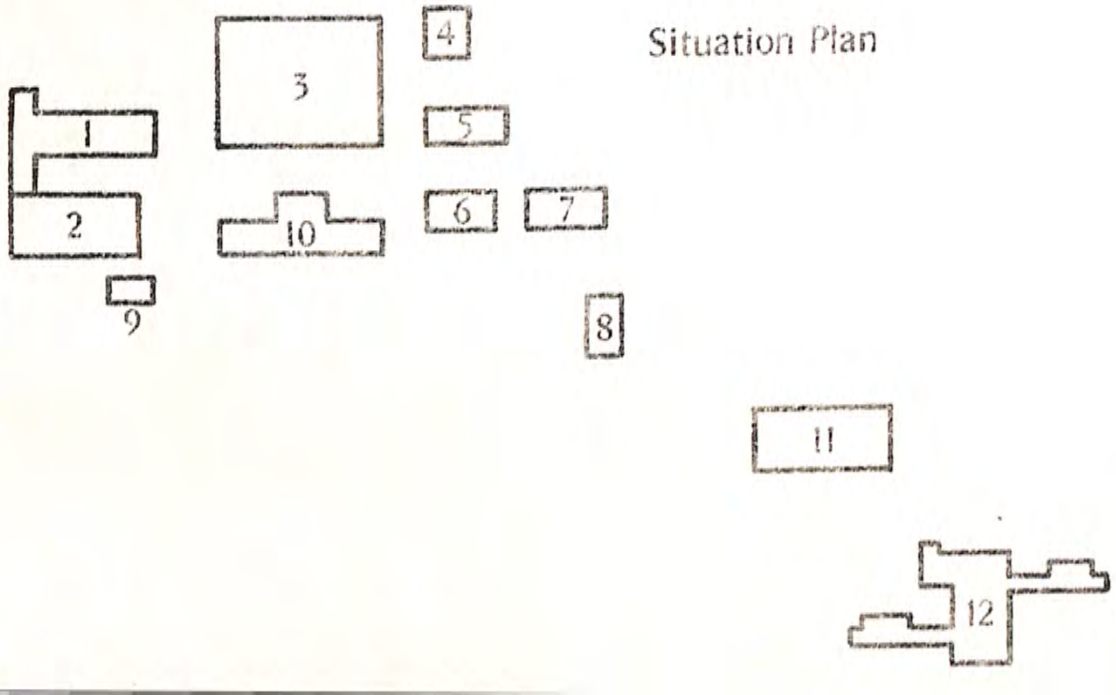
Building nº 10.

One of the largest buildings of three storeys. Ladies' and Men's Hairdressing, medical and tailoring services were established on the first floor, and on the second, jewellery, watch-making and dressmaking, the last of which gave a grand display. On the top floor were the workshops for radio and TV repair, industrial electronics and engineering drawing.

Buildings nos. 11 & 12.

Conveniently separated from the other buildings, these two, being large and comfortable, were used as the dining room and the competitors' lodgings respectively.

We would like to point out that all the buildings mentioned were amply equipped in order to fulfill their purpose. The care and cleanliness of the buildings was a matter of constant attention. In order to show the lay-out of the buildings we include a plan of the magnificent Central Trade Centre.



Data on the development of the 19th International Competition

The International Competitions took place in Asia for the first time in 1976.

This opportunity has shown that the possibilities of these Competitions have no bounds, as all apparent obstacles, such as distance, language, customs etc. which easily arise in these circumstances, have been overcome.

Of course, we refer to the technical aspects of the Competition, as it is these that could hinder the possibility of widening the participation in the Apprentice Competitions.

It can be easily seen that, now more than ever before, the Apprentice Competitions provide an opportunity for exchanging outlooks and seeing the systems of Apprentice training which prevail in other countries. They are also an efficient means of getting to know the history, culture, art and customs of the host countries.

In the following pages details are given of Competition activities, not only the purely technical ones, but also others which have helped, without a doubt, to unite all those present from the 16 member countries.

Development of the Competition

1st November

The Technical Representatives, Experts, Secretariat-General, Official and Private Observers left Schipol Airport (Amsterdam) to take part in the Apprentice Conference in Japan.

2nd November

Arrival at Tokyo at 17.05 (local time) after a magnificent flight in a DC-8 of Japanese Air Lines.

From 3rd to 9th November

The Technical Committee, together with the Experts and Workshop Foremen, met to outline the plans and different stages to be followed in the first part of organizing the Competition.

So that everything be in order for the beginning of the Competition, there are numerous details one must bear in mind and many small problems to be solved. The following list shows a few of them:

- To select the test exercises in every trade by the different Marking Juries, previously formed.
- To decide upon the marking criteria.
- To compose, in ten languages. the standards, both of general and of a more specific nature. for the contestants.
- To inspect the installations, workshops and machinery to make sure that it is possible to carry out the chosen tests.
- To prepare the necessary materials for carrying out the thirty exercises which were chosen.
- To compose a marking system which can be applied according to the time used in completing the exercises.
- To check the number of contestants in each trade, their names, ages, nationalities, languages etc.

The Secretariat-General and the interpreters, in very full days of work, have a specific task; to carry out the decisions made by the Technical Committee and the Organizing Council, and to supply three hundred people with the same in ten languages.

During these days, the following activities were carried out.

- The conference on the Apprentice training in Japan on 5th and 6th.
- Arrival on 6th from Paris, London and Frankfurt of all those taking part.
- Reception offered by the Chairman of the Japanese Organizing Committee, Mr. Komai, at the Hotel Dai-Ichi on 4th.
- Reception offered by the Chairman of the Japanese Organization Committee at the Tokyo Prince Hotel on 7th.
- Excursion to Kioto for all those taking part in the Competition on 8th., using the famous Shinkansen, the fastest train in the world.
- Reception given for the Competitors in their lodgings on 8th.
- Meeting of the Organizing Council on 9th in the marvellous simultaneous translation hall, called the "Keidanren Hall". At this meeting all the decisions made by the Technical Committee were approved.

10th November

The solemn opening ceremony of the Competition was held in Nihon Budokan at which Their Royal Highnesses Prince Akihito and Princess Michiko were present.

In the afternoon, in the Apprentice Centre for Adults in Chiba, the ballot for work places and materials for the contestants took place. Immediately afterwards, the young contestants had a few hours in which to become familiar with the machinery and tools, and were given time to ask any questions about the same.

From 11th to 14th November

During these four days all the tests which had been selected were carried out in each trade. All of them had a maximum time limit of 28 hours, although the time allowed by each Jury might vary from what had originally been foreseen.

Their Royal Highnesses The Crown Prince and Princess visited the Competition twice. The fact that they repeated their visit shows the attention such eminent persons paid to our activity.

Japanese Radio and Television broadcast numerous live work sequences and held countless interviews with the members of the Council, Experts and Contestants.

On 12th and 14th, the Governor and Mayor of Chiba and the President of the Association of the Development of Man offered receptions to all those who were taking part in the Competition.

From 15th to 18th November

Sunday 15th was the only free day for everyone. A well-made decision, as most people needed and deserved a rest.

The following days were used by the Technical Committee, Experts and Secretariat-General to mark the tests. Three days are not too many to complete this very important piece of work. The scrupulous measuring, marking of different concepts and applying of the time factor, needs a great deal of time.

The rest of those taking part, waiting for the results, calmed their nerves by going on cultural trips to places of interest in Tokyo, Enoshima, and Hakone.

On 17th, at the meeting of the Technical Committee, the final marking of each competitor, the prizes and distinction winners were decided. Immediately afterwards, the meeting of the Organizing Council was held to sanction the decisions made by the Technical Committee.

The expectation was huge, as could be seen by the presence of numerous correspondants and reporters, from different radio and television channels, and the quantity of newspapers which were waiting patiently for the results to spread them abroad by every means of communication.

19th November

The solemn Closing Ceremony of the XIX Competition and the awarding of prizes took place in the Nihon Budokan which has a capacity of 20,000 spectators. The tremendous sportsmanship of both those who had won prizes and those who had not was remarkable.

When the Ceremony had ended, all of those present went to Chinzansó where they were given a farewell dinner and a "Sayonara" by the Japanese Organizing Committee.

Return to the home countries

To make the return easier for the official receptions that some countries were aiming to give their representative teams, the Secretariat-General together with the Japanese Organizing Committee and Japanese Air Lines, organized the following flights:

19th. flight 401 to Amsterdam for those present from Ireland, Italy Portugal and the United Kingdom.

20th. flight 433 to Frankfurt for those present from Germany, Austria, Liechtenstein and Switzerland.

21st. flight 401 to Amsterdam for those present from Belgium, Spain and Holland. We would like to mention, just out of interest, that it was impossible for this plane to land in Schipol Airport (Amsterdam) due to thick fog covering this airport. After some time in the air hoping that the fog would clear, it had to be decided whether to land in Bruselles, Copenhagen or Paris. Paris was decided upon, and the landing was perfect.

Apart from this small problem, not of course that we can blame them for it, we would like to thank and congratulate Japanese Air Lines on the technical perfection of their flights and for the great attention given to all those on board.

Place
Date
Transport and accomodation of the Contestants

As has already been stated, the Competition took place in CHIBA, which is 68 Kms. from Tokyo. The daily transport from Tokyo to Chiba proved somewhat difficult owing to the intense traffic between the two cities. A great deal of time needed for the Organization and progress of the Competition was taken up by three hours travel time each day.

The Competition actually began on 31st October for the Technical Committee, Experts and Secretariat-General. For the Official Committee and competitors it started on November 5th.

The return of all those present was carried out in turn from 19th to 21st November.

The Japanese Organizing Committee put at the disposal of the member countries three DC-8 planes of the Japanese Air Lines which, organized by the Secretariat-General, would take all those involved from their countries to Tokyo in charter flights on the dates and in the conditions as follows:

1st November - Flight Nº 402

Departure from Schipol Airport (Amsterdam) at 13.30 (European time), stopping at Copenhagen, Anchorage (Alaska) and arriving at Tokyo at 17.05 (local time).

On this flight the Technical Committee, Experts, Secretariat-General, and Official Representatives and Guests who would take part in the Apprentice Conference organized by the Japanese Organizing Committee, were taken to Tokyo.

The total number of passengers on this flight was 124.

5th November - Flight Nº 422

Departure from Orly Airport (Paris) at 13.00 (European time) stopping in London, Anchorage (Alaska) and arriving at Tokyo on 6th at 16.35 (local time).

On this flight the President and International Vice-President were taken to Tokyo, together with the Official Representatives not taking part in the Conference, Heads of Groups and Competitors from Spain, Ireland, Italy, Malta, Portugal, United Kingdom, and some Official and Private Observers.

The total number of passengers on this flight was 127.

5th November - Flight Nº 434

Departure from Frankfurt Airport at 14.00 (European time), stopping at Hamburg, Anchorage (Alaska) and arriving at Tokyo on 6th at 17.20 (local time).

On this flight some Official Representatives, Official and Private Observers, Heads of Group and Competitors from Germany, Austria, Belgium, Holland, Liechtenstein and Switzerland travelled to Tokyo.

The total number of passengers was 130.

The Spanish National Committee organized a flight for guests, which arrived at Tokyo on 3rd November at 17.00 (local time).

The total number of passengers was 21.

All those taking part received a very warm welcome, especially those on Flight Nº 422.

The Japanese means of communication were more than ample in bringing the different European and Asian representations to the Competition.

The Heads of Group and Competitors were accomodated in Youth Residences and in the Apprentice School for Adults in Chiba.

The Organizing Council, Experts, Secretariat-General and Interpreters, Official and Private Observers stayed in the Hotel Dai-ichi in Tokyo. This led to a fuller knowledge, exchange of outlooks and understanding among more than two hundred people involved with Apprentice training and Companies of 13 European and Asian countries.

On the following page a numerical comparison of those present from each country is given. This only includes those involved with the mechanical side of the Competition, although, of course, it could not have been successful without the aid of many auxiliary persons.

PEOPLE WHO ATTENDED THE XIX COMPETITION

(With the exception of assistants)

PEOPLE PRESENT	Germany	Austria	Belgium	Korea	China	Spain	Holland	Ireland	Italy	Japan	Liechtenstein	Malta	Portugal	United Kingdom	Switzerland	International	T O T A L
Competitors	30	4	15	29	8	26	27	20	9	30	5	3	18	25	25	-	274
Heads of Group	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	-	14
Technical Experts	7	2	5	4	2	6	7	5	3	7	-	1	5	7	6	-	66
Technical Representatives	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	-	14
Official Representatives	1	1	1	1	1	-	-	-	1	1	1	1	1	1	1	-	12
Official Observers	2	-	-	2	-	2	2	2	1	2	1	1	2	2	2	-	21
Private Observers	22	-	-	26	19	19	7	5	3	-	-	-	3	2	5	-	111
National Committee Secretaries	-	-	-	-	1	1	-	-	1	-	-	-	-	1	-	-	4
Japanese Organizing Committee	-	-	-	-	-	-	-	-	-	19	-	-	-	-	-	-	19
Interpreters	-	-	-	2	-	-	-	-	-	25	1	-	-	1	-	6	35
Workshop Foremen	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	-	30
Secretariat-General	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4
Presidents and Vice-Presidents	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4
TOTAL Nº OF PARTICIPANTS	64	9	23	66	33	56	44	34	20	116	10	7	31	41	41	14	608

Opening Ceremony

The Opening Ceremony took place in Nihon Budokan, a sports centre which holds 20,000 spectators.

This circular auditorium, generally used for practising Judo, was suitably adapted for the ceremony by setting up a large stage covered at the back with big curtains above which the emblem of the International Competitions was displayed.

On the left of the stage the Presidency of the Ceremony was seated and on the right, in front of a golden screen, there was a small throne for their Royal Highnesses Prince Akihito and Princess Michiko.

The Official and Technical Representatives were seated to the left and right of the stage and on the lower part, respectively.

On their arrival, the Crown Prince and Princess were greeted by the members of the International Council and the Japanese Organizing Committee, who, together with the Ministers of Labour and Communications in Japan, composed the Presidency of the Ceremony.

Immediately afterwards, preceded by the teams of the participating countries the respective flags were brought in, and everyone stood while the National Anthems were played. Last of all the Japanese team entered leaving their flag with those of the other countries in a place of honour.

Then, Mr. Ken-ichiro Komai, President of the Japanese Organizing Committee, made his address, expressing the great honour we all felt in having the Crown Prince and Princess attend the Ceremony.

He welcomed all those taking part and recalled the first time Japan participated in the Competitions, which was in 1963 in Gijón (Spain). Since then, Japan has continued to participate.

He thanked the Japanese Government and Industry for their help and collaboration, and hoped that the Competition would be carried out well and that the Competitors would prove their capacity and would be very successful. He finished his speech declaring that this International gathering would help towards the mutual understanding and friendship among the participating countries, and he wished everybody a happy stay in Japan.

Following this, the International President, Mr. Palomares, pointed out the steps the Japanese Organizing Committee had had to go to to make this International Competition possible.

He expressed the pleasure everybody present felt in being in Asia for the first time, especially in Japan where the exquisite and sincere hospitality is so well-known.

He remembered Messrs. Woerner and Malagodi, President of the Technical Committee and Official Representative of Italy respectively, two old collaborators and dear friends, whose death has shocked us all. He assured that their example would inspire everybody to perfect his task.

He thanked the Japanese Organizing Committee for its hard work and efficiency and especially the Minister of Labour, Mr. Nohara, for his help and encouragement. He made special reference to the work done by Mr. Komai, President of the Japanese National Committee, and by his closest assistants Messrs. Sakurada, President of the Economic Council, Hayakawa, International Vice-president of the Competitions, and Furuya and Miyamori, Official and Technical Representatives of Japan, respectively.

He also expressed his thanks to the International Council, Experts and Workshop Foremen for their traditional and indispensable help, without which the Competition could not be successful.

He assured the young competitors that whether win or lose they should be able to show their good sportsmanship, as the techniques had been clearly explained at the Ceremony. He compared them with the athletes in the Olympic Games in that they should try to aim higher and further at the greatest speed.

He finished his speech expressing his thanks and respect to Their Royal Highnesses, Prince Akihito and Princess Michiko, for having presided the Opening Ceremony, and he asked them to give His Imperial Highness, their Father, and the Government his sincere feeling of friendship, gratitude and admiration for Japan, for whom they all wished peace, progress and happiness in the future.

At the end of the speech, the International President, His Imperial Highness, the Crown Prince, greeted all those present and stated his joy at having the Competition take place in his country. He felt it would be carried out both competitively and nobly, and would certainly help to unite all the participants in deeper friendship and to ensure peace and prosperity in the world.

When His Royal Highness had finished, the Japanese Minister of Labour, Mr. Masakatsu Nohara, gave his sincere and warm thanks to the Prince and Princess, and on behalf of all the Japanese, expressed his pleasure in that Japan had been the first host country of these Competitions in Asia, and he gave a warm welcome to all the organizers and competitors who had come from such distant countries.

He expressed his admiration and respect for this international assembly, and declared that these competitions helped towards perfecting techniques and building friendship between people of different countries.

He stated his belief that Science, Arts and Techniques are the three basic pillars of progress and the key to the possibility of raising the people's standard of living.

He finished his speech expressing his confidence that the Competition would be successful and thanking the International Council, the Japanese Committee, Experts and Workshop Foremen for their work to ensure the success of this Competition.

Mr. Takesi Sukurada, Representative of the Delegations of the participants in the International Apprentice Competition was the last to give his thanks to the Prince and Princess for having attended. He spoke on the work of all those who had helped him so much in organizing the Competition, and that not only he as Representative of Japanese Industry, but also this industry, would always be ready to help in this sort of competitions.

When the speeches which we have only partially explained were finished, the Japanese Minister of Communications handed Mr. Palomares a postage stamp commemorating the XIX Competition.

The Ceremony was closed by the Choirs of the Mitsubisho Bank who sang Japanese songs, which everyone thoroughly enjoyed.

When this splendid act had ended, Their Royal Highnesses, The Crown Prince and Princess Michiko left the Nihon Budokan Hall with the same respectful silence as when they had arrived.

Cultural Activities

One of the most interesting sides of the Competition is the chance it provides for all the participants to get to know the history, customs, arts, cities and way of life of the host country.

This is especially so in the case of Japan which, being a distant country, would be somewhat difficult to visit under normal circumstances. The Competitions have provided the opportunity of knowing the Far East, as it was in Japan that the XIX Competition was held.

Japan is full of symbolism. The flag, called "HI-NO MARU", which means "the face of the sun", symbolises, together with the name of NIPPON (the sun's origin), the common expression which we all attribute to the country - "Land of the Rising Sun".

Its historic ancient times are sung in the National Anthem "KIMIGAYO", which means "the Kingdom of our Emperor". This anthem, taken from the ancient Japanese poem, in its native tongue reads as follows:

Kimi ga yo wa
Chiyo ni yachiyo ni
Sazare ishi no
Iwao to nari te
Koke no musu made

which according to the translation by Basil Hall Chamberlain means:

May ten thousand years of happy sovereignty be yours,
Reign, my Lord, until the pebbles are joined
By eternity, and become powerful rocks
On whose venerable sides the moss sprouts again.

Kioto, a great cultural centre and ancient Japanese capital, provided us with symbolism and history when we visited it after a marvellous and extremely quick trip in the super-express on the Tokaido Line, the fastest train in the world. Nidjojo Castle and the Temples of Kinkaku-ji, Heian-jinju and others, gave us a memorable view of Japan in the past. On the journey there and back Mount Fuji, 3,776 metres high, was greatly admired for its natural symetry and majestic beauty.

The cities of Jakona, Kamakura, Enoshima and Narita with the Narita-san-Shinsho-ji Temple completed the fleeting yet everlasting view of a country so deeply rooted in its tradition.

Tokyo was the city that the participants visited and became most familiar with where they were warmly received in its full area of 2,031 sq.kms. by its 11,173,000 inhabitants. A tour was made of the whole city starting from the Centre, Marunouchi, where the important banks are situated, making a notable contrast with the stone walls and pine forests which surround the nearby Royal Palace. The Metropolitan Government designed by the famous architect Kenzo Tange and decorated by the avant-garde painter Taro Okamoto; Hibuya Park where one can peacefully relax after enjoying the facilities of the Yurakucho Recreation Centre.

Parlament, situated in the area of Kasumigaseki, political centre of Japan; the National Theatre with its productions of Kabuki, Gagaku, Kiogen (Japanese music and dancing) or puppet shows (Bunraku); the Kabukiza Theatre, the best of all, known for its classical plays.

Sports centres such as Yoyogi, Komazaba and the Meiji Olympic Park, grounds used for the Olympic Games.

Art is found in the National Museums in Tokyo with 86,000 different works from Japan, China and India, and the Museum of Western Art, designed by Le Corbusier, which houses the "Matsukata Collection". The greatest expression of Religion is found in the Temple of Meiji, with its hundreds of thousands of trees and eighty varieties of the iris, and the Temple of Asakusa Kannon, dedicated to this goddess of mercy.

We must be truthful and say that a great deal of our time was "spent" (a word never used better since many dollars were consumed) in those marvellous commercial zones of Ginza, Shinjuku and Asakusa. Nakamisa Street and the department stores of Matsuzadaya, Maysuya, Mitsukoshi, Isetan, Keio and Odakiu, witness the easy way in which money turned into smoke and even now none of the buyers know how we could have contributed to such an extent to make the atmospheric contamination of the enormous city of Tokyo even worse.

Seminary on Apprenticeship in Japan

This Conference was held on the 5th and 6th November in one of the rooms of the Dai-ichi Hotel. It was a great success and gave an opportunity to know the systems of Apprenticeship which prevail in this country. Profesors, Directors, Organizers of this method of teaching and Business Managers from several countries followed the programme of this conference with great interest.

A complementary dossier of the mentioned conferences was distributed beforehand, and Mr. Furuya, Official Japanese Representative of the Competitions welcomed all those present and introduced the speakers. They were as follows:

Mr. MORIKAWA, Mikio, Head of the Apprentice Section of the Ministry of Labour, spoke on this side of his knowledge. Following this speech he gave everyone a chance to ask questions which he answered himself with the help of Messrs. KOBAYASHI, Masao, and SEKIGUCHI, Osamu.

Mr. MORIKAWA gave another lecture on the "Present situation of Apprentice training in Japan.

Another lecture was given by Mr. TOMITA, Toshiyuki, Executive Director of the Central Association of Examination tests in which he referred in general outlines to the industrial aptitude examinations which are used in his country.

Mr. TANAKA, Reizo, Director of the Japanese Association for Industrial Training and Secretary of the National Committee of Competitions in Japan, gave his opinions of the National Competitions for industrial aptitude which take place in his country, emphasizing their efficiency. In his second speech he referred to the subject of Industrial and Professional Training in Japan.

A complementary speech was given in which Messrs. MORIKAWA, TOMITA and TANAKA answered all the questions they were asked.

Mr. KOBAYASHI, Masao, also Director of the Japanese Association of Industrial and Professional Training, gave a general outline of the systems of education and trainihg used in Japan.

Mr. SEKIGUCHI, Osamu, Supervisor of Industrial Education of the Ministry of Labour, was the last person to give a speech, and he referred to the educational system in Japan, in particular to the secondary industrial education.

To complete this series of lectures, a film was shown of the VIII Japanese National Competition, and the following Centres and Companies were visited:

Apprentice Institute and Tokyo Shibaura Electric Co., Fuchi Works, accompanied by Mr. KOBAYASHI, and the Advanced Apprentice Centre in Kanagawa and Ishikawajima-Harima Heavy Industry, Yokohama Works with Mr. IZAWA as guide.

Mr. IZAWA, Yasuhiza, Director of General Matters of Tokyo Shibaura Electric Co., Turbina Works, with the aid of Dr. NAKAMURA, Ysunero, Professor of the Industrial Apprentice Institute presided these meetings.

We would like to extend our sincere thanks to all the speakers for their excellent lectures and for the success of the Conference.

Closing Ceremony

The Closing Ceremony of the XIX International Competition took place, as the Opening Ceremony had, in Nihon Budokan in Tokyo, and was equally impressive.

The stage was set up in the same way as for the Opening Ceremony with the addition of a podium for the winners. The Presidency was made up of the International President, the Japanese Minister of Labour, Representatives of the Competition Delegation, the President of the Japanese Organizing Committee, International Vice-Presidents, the President of the Technical Committee and the Secretary-General.

Approximately 20,000 spectators were at the Ceremony which began with a vote of thanks from the President of the Technical Committee, Mr. Hamer, for the magnificent collaboration given by the Japanese authorities and those of the member countries.

He appraised the importance of the technical standard which had been achieved in the Competition, a desired goal for all countries, without which we forget that Man is not and never will be a machine. Technical progress must avail in order that Man may live better, but he considered that the happiness of Man is internal and is not produced from what goes on around him.

He continued to talk about the technical achievements and made it clear that he was pleased with the quality of the work done and the perfection of its execution which leads us one step further forward.

He once again thanked the Technical Representatives, Experts, Workshop Foremen and collaborators, and in particular Mr. Miyamori, the Japanese Technical Representative, for the exceptional help he had given.

He finished by saying how glad he was to have been to Japan and of having had the opportunity of enjoying such a beautiful country, an experience he will never forget.

When Mr. Hamer had finished his speech, the Secretary-General, Mr. Albert, read the List of Medals and Mentions of Honour to the Competitors with the highest marks. Then the prizes were awarded by people of the Presidency and from the podium the Competitors were applauded by the numerous amount of people present at the Ceremony. The Competitors in all their glory congratulated their opponents heartily.

When the prizes had been awarded Mr. Ken-ichiro, President of the Japanese Organizing Committee addressed the assembly. He began by thanking the International President, Mr. Palomares, the Organizing Council, Experts, Observers and Guests for their contribution which made the XIX International Competition such a success.

He pointed out the extraordinary help given by the Japanese Ministry of Labour, and how much the standard of work achieved by the Competitors had pleased him. He was also glad that their stay in Japan had given the opportunity of a better understanding among young people from numerous countries.

He finished by wishing that this would be deepened in the future, and he offered his help to further it. Finally he wished all those present a pleasant return journey to their own countries.

Then the International President, Mr. Palomares, addressed all those present expressing his thanks, congratulations and faith in young people in the following order:

Firstly he thanked Their Royal Highnesses the Crown Prince and Princess Michiko for the affection and interest they have shown in this youthful event; the Japanese Government which through the Ministry of Labour has done so much for the Competition; the Governors of Tokyo and Chiba and especially to the Mayor of the latter for offering us the great city and for allowing us to use the magnificent installations of the Apprenticeship School for Adults; to the means of social communication, the Press, Radio and Television, which have contributed so much to make the aim and means of our Competition known; and lastly the Japanese people represented by the flag which flies above us.

Then he congratulated especially the Japanese Organizing Committee represented by Mr. Komai, his collaborators, Messrs. Hayakawa, Furuya, Miyamori and Tanaka, and all those friends who make up the Committee and who, never resting and overcoming difficulties, have organized the Competition so perfectly for us.

To the young participants, winners or not, all those who have involved themselves in the spirit of our Competition, in which the medals only occupy second place because the first and most important is the improvement of young people's living together and a job well done. In this way all the Competitors have been great champions; To the Organizing Council, in particular Mr. Hamer, President of the Technical Committee, the Experts, the Workshop Foremen, helpers and most especially to the simultaneous interpreters who have helped the interchange of ideas between men of different countries and of different tongues.

Thirdly, he expressed his unshakable faith in the youths who participate and compete in the International Competitions. An authentic faith, desire for perfection, innate virtues and faith in their belief that they have to take part in the professional tasks which forward the economic development of the people with a feeling of perfection and high intellectual nature.

He finished by thanking Japan and its people and remembering a poem which says that the greatest sorrow is to be blind in Japan.

Afterwards, Mr. Masakatsu Nohara, Japanese Minister of Labour, addressed all those present, congratulating them for the perfection of their diverse and heterogeneous work which they had done in this International Competition.

He drew attention to the technical knowledge in each trade shown by the Experts and Competitors, and he emphasized the training and excellent preparation proved by the latter.

He declared that if this technical perfection is important, his stay in Japan has been much more so since it allows a mutual understanding among the countries attending and friendship among their peoples, that which, without a doubt, will contribute to a world of peace and prosperity.

Mr. Shigeo, Representative of the countries present, closed the Ceremony expressing his pleasure in that this Competition had been held for the first time in Asia. This has shown the technical advances introduced in each trade and the preparation of young competitors.

He offered the support of Japanese Industry to strengthen these gatherings and its cooperation in order to build a happier world for all the member countries there assembled.

He finished by thanking Mr. Palomares and all those present for their support.

When the speeches were over the flags of the member countries were withdrawn to the musical accompaniment of their respective national anthems, and the large crowd stood to bid them farewell.

Member Countries of the Competitions and Representations they have

Countries	Representations
G E R M A N Y	Official Chambers of Industry and Craftsmanship
A U S T R I A	Federal Chamber of Professional Economy
B E L G I U M	Ministry of the Middle Classes
K O R E A	National Apprentice Committee
C H I N A	Ministry of Labour
S P A I N	National Youth Delegation
H O L L A N D	National Apprentice Committee
I R E L A N D	Ministry of National Education
I T A L Y	General Direction of Technical Teaching Methods
J A P A N	National Apprentice Committee
L I E C H T E N S T E I N	Office of Labour and Apprenticeship
L U X E M B O U R G	Ministry of Labour and Social Security
M A L T A	Department of Labour and Emigration
P O R T U G A L	Portuguese Youth
U N I T E D K I N G D O M	London Institute of Arts and Crafts
S W I T Z E R L A N D	Professional Schools of St. Gallen

Composition of the Marking Juries

The progress of the competitors' work in each trade is under the constant observation of a Jury, composed of a President, one of the Technical Representatives of the member countries, and two or three Experts. They must all be of different nationality.

These Marking Juries select the exercises from all those presented, so that they are carried out by the competitors under certain conditions previously decided upon, i.e. maximum time and marking schedule.

The qualities and defects of each competitor with regard to the technical and moral aspects, are to be carefully noted. These observations must be kept in mind when the work is finished and the Jury is ready to mark it, since each member of the Jury must be able to give his reasons and justify the mark obtained. In this way, the educational purpose of the Competition is fulfilled.

When the work has been judged, the final marks are to be taken to the Technical Committee, which will proceed identically to the Organizing Council, so that the presented proposals may be finally and irrevocable sanctioned.

The Marking Juries which carried out this most difficult and delicate task in the XIX Competition, are shown on the following page.

Workshop Foremen
for each trade

Committee Nº	Technical Representatives	TRADES	EXPERTS		Workshop Foremen
			Country	Name	
I	Reeves United Kingdom	1. Fitting	Germany Italy	Zielinski Benassi	Takeishi
		2. Presstool Making	Holland Switzerland	Slaats Haßsermann	Akimoto
II	Bammer Austria	3. Instrument Making	Belgium Ireland	Steurbaut Hunt	Sano
		4. Watchmaking	Japan Switzerland	Komaki Huguenin	Sue
III	Schürch Switzerland	5. Engineering Drawing	Italy Portugal	Paradisi Martins	Fukada
		9. Gas Welding	Korea Spain U.K.	Kim Miró L.B.Smith	Shimada
		10. Electric Welding	Japan Portugal	Sejima Cardoso	Saikawa
IV	Ghedini Italy	6. Turning	Spain Japan Malta	Macstu Okomura Meli	Koike
		7. Milling	Holland U.K.	van Swol Peachey	Shimada
V	Miyamori Japan	8. Const. Steel Work	Germany Holland	Rüther Lekskes	Okuni
VI	Kang Korea	11. Wood Pattern Making	Japan Portugal	Takenaka Matos Dias	Tomita
		12. Foundry Moulding	Spain U.K.	Arondo Milroy	Matsumoto
VII	Serrano Spain	13. Panel Beating	Germany Japan	Olfermann Kato	Matsuoka
		14. Sheet Metal Work	Ireland Portugal	McCarty Cêra	Hamaya
VIII	Walser Liechtenstein	15. Plumbing	Ireland Japan	Bulton Nakagawa	Matsuzawa
		20. Bricklaying	Germany Switzerland	Müller Schubert	Yoshizawa
		28. Tailoring	Belgium Korea	Boucquet Rhee	Itami

Committee Nº	Technical Representatives.	TRADES	EXPERTS		Workshop Foremen
			Country	Name	
IX	Leitao Portugal	16. Industrial Electronics	Austria U.K. Switzerland	Pribich A.A.Smith Süsstrunk	Tatewaki
		17. Radio and TV Repair	Spain Italy Japan	Chierry Guerzoni Ikeda	Aizawa
X	Raimondo Malta Liu China	18. House Wiring	Korea Spain	Won Sánchez	Fuzii
		19. Industrial Wiring	Germany Portugal	Nispel da Costa	Hoshino
XI	Schubert Germany	21. Stone Cutting	Belgium U.K.	Mary Clayton	Suzuki
		22. Painting	Belgium Ireland	Istace Edwards	Higuchi
		23. Plasterwork	Ireland Holland	Earlie Bekooy	Nanba
XII	Power Ireland	24. Cabinet Making	Austria Switzerland Holland	Konhäusner Fraefel Loos	Kayanuma
		25. Joinery	Germany U.K.	Brauer Wilson	Zinma
		26. Carpentry	Korea Holland	Kim van der Wilo	Kamonzi
XIII	Vastiau Belgium	27. Jewellery	U.K. Switzerland	Hill Loosli	Otsu
		29. Ladies' Hairdressing	Belgium Spain	Javaux Martinez	Nagasaki
		30. Men's Hairdressing	Germany Holland	Klever Schoenmaek	Ichihara

COMPOSITION OF THE MARKING JURIES

Jury Presidents.....	14
Experts for 30 trades..	65
T O T A L	79

Jury Presidents.....	14
Experts from Germany.....	7
Experts from Austria.....	2
Experts from Belgium.....	5
Experts from Korea.....	4
Experts from Spain.....	6
Experts from Holland.....	7
Experts from Ireland.....	5
Experts from Italy.....	3
Experts from Japan.....	7
Experts from Malta.....	1
Experts from Portugal.....	5
Experts from United Kingdom	7
Experts from Switzerland...	6

Rules of the Competition

Like any sports contest, Competitions also have their rules of the game, and also a referee, in this case the Organizing Council, which decides and sanctions everything at all times.

The rules of the game must be adhered to by everyone, the Technical Committee, the Experts, the Heads of Workshops and contestants, as can be seen in the following pages.

The Rules of the Competition, which specify the activity and which oblige all member countries, are not included in this publication, although it is available for anyone who might be interested.

Instructions for:

•the Technical Committee
•the Juries
•the Workshop Foremen

The Council of the International Apprentice Competitions at its meeting in October 1967 decided to lay down fundamental instructions for the Technical Committee, the Juries and the Workshop Foremen, using the experience already acquired as a starting point. These rules will regulate the work as well as the responsibility of the above-mentioned people.

I.-The Technical Committee

Constitution

1º.- Technical Delegates of the member countries, General-Secretary or a person delegated by the Council to do the work of the Secretariat.

2º.- A Chairman named for every Competition by the Council who shall be a member of the Technical Committee. He may be re-elected.

This Chairman must not be at the same time Chairman of the Jury.

Work and Responsibility

1º.- To set down the rules for the work of the Juries and Workshop Foremen.

2º.- To arrange the organization of the work to be carried out in the Competitions and to set down the technical standards and the heading for the marking system.

3º.- To inform the Council about the exercises chosen for the Competition and their marking heading.

4º.- To determine the materials, machines, tools and apparatus or instruments necessary for all trades.

5º.- To ensure that all translations are correct and complete. Solving any problems that could arise in the meaning of words or phrases, will be done from the language in which the text has been written.

6º.- To inform the Council about the results and marking and to submit recommendations for medals and honorary mentions. For each trade only one gold medal, one silver and one bronze will

Constitution

1º.- A Chairman, who is a Technical Delegate named by the Council. He may temporarily delegate his responsibility to an Expert.

2º.- There will be at least two experts for each trade entered. They must be competent and experienced specialists in the trade concerned.

Work and Responsibility

The Chairman shall give the Experts and Workshop Foremen all necessary instructions. He shall be the representative of the Jury in the Technical Committee and in the Council.

The Juries carry the responsibility for the Experts, who, in agreement with them, will carry out the following work :

1º.- To examine the installations, machines, tools, materials, apparatus and instruments prepared by the Organizing Country before the Competition begins.

2º.- To select the exercises, set down the marking headings, determine the maximum time limits, to make the lists of materials, and decide upon the instructions for the contestants.

3º.- To send the details decided upon to the Secretary-General.

4º.- To work in conjunction with the translators so that at the beginning of the Competition they may hand over all the necessary data to the contestants in their respective languages.

5º.- To prepare the materials in conjunction with the Workshop Foremen.

6º.- To distribute the materials, apparatus, machines, instruments and places at the work benches to the contestants by means of a ballot.

7º.- To decide upon the amount of time needed by the contestants to study the drawings, and try out the materials, machines, apparatus and instruments.

8º.- To prepare the necessary measuring apparatus, to be used in the marking of the tests. Time must be given to the contestants to compare their own measuring instruments with those already mentioned.

9º.-a) To observe the contestants and inspect their work.
b) To prevent any unauthorized methods of working and the use of unauthorized tools.
c) To make sure that during the Competition no technical information is given to them. Any necessary information will be given to the entire group.
d) To record the time taken by each contestant in his work

and to inform the same of the time available.

e) To make sure that the workshops are shut when the work has ended; that no unauthorized person goes into them and that nothing is altered in the exercises of the contestants.

f) To hand out and take note of the materials given out in place of those used.

g) To prevent any person who is not a member of the Council from talking to the contestants during their work.

10º.- To ensure maximum discretion as regards the results of the marking.

11º.- To submit proposals to the Technical Committee for the extension of time allowed.

III. Workshop Foremen

Position

The Workshop Foremen must answer to the National Organizing Committees with reference to general matters of organization and to the Juries in technical matters. The Host Country will provide the Workshop Foremen.

Work and Responsibility

1º.- To prepare the workshops, machinery, tools, apparatus and instruments and to keep them in good order.

2º.- To prepare the materials according to the instructions given by the Juries using the samples received as a basis.

3º.- To work in conjunction with the Juries to ensure that the contestants can carry out their work.

4º.- To arrange the daily cleaning of the workshops.

5º.- To refrain from criticising the exercises in the presence of the contestants.

6º.- To be present at the final marking of the exercises, and to speak only when expressly invited by the Chairman of the Technical Committee.

IV. General Administrative Points

1º.- Control of registration cards at the beginning of the Competition, by the Chairmen of the Jury: date of birth, nationality, language, and to check that all names, surnames and the trade are written well.

2º.- Names, surnames and ages of the Experts, as well as their professional position in schools or in commercial firms, must be sent to the Secretariat-General and to the organizing country at least one month before the beginning of the Competition.

3º.- Contestants must be given all the following documents in their own languages: plans, working instructions, technical standards,

42.- If a Jury does not agree over marking, the Chairman of the same will notify the Chairman of the Technical Committee of the matter, and the latter will choose another Jury which will decide on the marking. This Jury will be composed of at least three Experts of different nationalities.

Instructions for the Technical Experts

The Technical Experts, as members of the Juries, play an important and very responsible rôle in the organization of the workshop tests. A great part of the success of these tests andoof the marks allotted them depends on the competence and zeal they bring to their work.

To this end, it will be necessary for them to follow the instructions set out below:

1.- They must know, in all their detail, the rules and regulations governing the International Competitions.

2.- The Technical Experts are on the Juries as voting members, and are directly responsible to the Jury President. They will follow and act on the rulings given by the Technical Committee.

3.-Before the first meeting of the Technical Committee, the Experts should make the acquaintance of the President of the Jury they have been assigned to, and of the Workshop Foremen for their particular trade, so as to exchenge impressions on the organizations of the Competition.

4.- When it is required of them, they will attend the meetings of the Technical Committee, where they will have no vote, but only the right to be heard. At such meetings, they will bring to light whatever shortcomings and inadequacies they have noticed in the fittings, equipment etc. and they should try to see that everything possible is done to assure the proper organization of the tests.

5.- Once the first meeting is over, the Juries will meet to choose the test exercises to be done from among the proposals presented by the Technical Representatives.

The criteria to be observed in this selection process are as follows:

a) Objectivity. This can only be achieved by bearing in mind the scope and aim of the Competition, and by having for sole object the desire to give the Competition a character which will increase its meaningfulness in national and international spheres.

b) International Tone. Technically and professionally, the tests exercises chosen should be of such an aspect and standard as to place them unequivocally on an international level.

c) Ease of execution. The word "ease" here does not mean that an exercise should be chosen for its simple, basic nature. However, it ought not to present great difficulties as far as time of execution is concerned, nor should it call for technical resources not available at the moment, nor should it complicate steps and measures already taken.

These conditions should be borne in mind whatever refers to preparation of material, implements, tools, machinery, measurements, verifications, etc.

d) Clear drawing technique. All plans or drawings chosen should be set out with greatest clarity, and should conform to the commoner technical drawing specifications adopted by the Organizing Council. When such is not the case, recourse should be handed to the draughtmen assigned to each Jury so they make whatever rectifications are necessary for the easy understanding of the drawing or plan.

6.- The Juries will assign to each test exercise a marking schedule to serve as the basis for awarding places, and which must, of course, follow the standards set by the Organizing Council. This schedule will be translated into the native languages of the contestants, and copies of it will be handed to them.

7.- The maximum time for executing each test exercise will be fixed though it must never exceed 28 hours. These times will be marked clearly on the plans naded to the Secretariat, in accordance with clause number 9 of the Rules and Regulations.

Once the work has begun, if it appears that the estimated maximum time will not be sufficient to allow the contestants to finish, then a proposal should be made to the Jury President that the time be extended.

8.- The day after the selection of test exercises, the Experts, together with the Workshop Foremen, will begin dividing up the materials, necessary for each trade; this is to be done in such a way that the contestant does not waste time trimming them, or carrying out other procedures which add nothing to one's knowledge of his professional ability. On the other hand, however, the materials should not be prepared in such a way as to assist the contestant in his calculations or in any other manner, as this kind of knowledge is demanded of him, and will be properly evaluated.

9.- The Technical Experts will collaborate with the Secretariat's translation service in translating technical terms appearing on the plans chosen, into the different languages.

10.- When the plans are finally ready, a copy of each one is to be handed to the Secretariat-General for copying and subsequent handing out to the contestants. The copy delivered to the Secretariat must be signed by the Jury President and the Technical Experts, and any changes or rectifications made on the original plan must be signed separately.

11.- After the above-mentioned work has been attended to, the Experts should supervise the preparation of materials, tools, equipment, machinery, etc. seen to by the Workshop Foremen.

12.- After consultation with Jury Presidents, the Experts will prepare the work benches so that the contestants are placed far enough apart to make it impossible for them to copy one another's

working methods. This ought to do away with possible complaints on this score when the list of prize-winners is made public.

13.- Places at the work benches, lots of material, and machinery will be conveniently numbered before the tests begin, and then, after the ceremony opening the Competition, and in the presence of the contestants, will be allotted by ballot. Following that, contestants will be given a certain time to study the drawing, examine their materials, and make themselves familiar with the equipment. Work is not to be started till the signal is received from the Jury.

14.- The Experts are also to make note of the abilities and characteristics they observe in each contestant while doing his work, such as professional competence, correct or incorrect work procedures, defects in methods used, etc. all to be taken into account at the time of marking.

15.- The Experts will record the time when work begins so as to be able to calculate the exact time taken by a contestant in carrying out his work, making allowance, of course, for time a contestant might lose for reasons beyond his control.

16.- Any contestant who is allowed new material because he has spoilt what was given him originally, is not to be allowed a second lot of new material without authorization from the Jury President.

17.- The Experts will see to it that contestants behave properly and in an orderly fashion, as bad conduct may be sufficient motive for disqualification.

18.- Contestants will not be allowed to speak to persons not associated with the Organizing Council, or not expressely authorized by it.

19.- As contestants begin the different parts or pieces of their test work, each is to be marked and numbered in a normal way so as to avoid changes and confusion during the course of the work, and also to prevent possible substitutions.

20.- As each work-day finishes, the exercise work will be taken up and put into safe-keeping in some convenient place. On no account and under no circumstances are contestants to be allowed to remove plans of the work they must do from the workshops - though they may do this at the end of the Competition.

21.- When contestants have finished their work, it will be judged according to the standards and schedules indicated by the Technical Committee. When marking is completed, advice of the same, together with the exercises, will be handed to the Secretariat-General.

22.- Experts will not judge contestants' work in their presence. An Expert's opinion will only be stated to a Jury President or Technical Representative who requests it.

23.- Experts are not to resolve any doubts contestants may have in relation to the plans of the test exercises. Only on authorization from the Jury President may they clear up any specific doubt.

24.- The Experts will duly fill in any regulation forms given them, and will at all times act as the Jury President directs.

General Remarks for the Workshop Foremen

1.- The Workshop Foremen will be appointed by the Organizing Country where the Competition is being held. They are to cooperate with the Juries and the Secretariat-General, as well as to attend to the business they will naturally have, for purposes of organization, with the host country.

2.- The functions of the Workshop Foremen will be the following :

a) To prepare the premises where the test work is to be carried out, furniture, machinery, tools, implements, etc.; in accordance with the directions they receive. Everything should be in perfect working order.

b) To prepare the materials to be used by contestants, in accordance with instructions received from the respective Juries and the Secretary-General.

c) To collaborate with the Juries in the safe-keeping of the test exercises,, see to the locking up of premises between one work-day and another, and in every possible way to help in maintaining perfect order in the workshops.

d) To arrange for the workshops to be properly cleaned during the working day, as the doors will be sealed at the end of the day.

3.- During the working day, they must not make judgements or give opinions on work done by the contestants and they must refrain from this even more especially at the moment when marking is taking place, unless required to do otherwise by a Jury President. Neither are they to talk with contestants on matters referring to the test work being executed.

Instructions for the Contestants

The following general remarks are made in an effort to assure that this International Apprentice Competition gives the best possible results, and with the desire to make certain that you, the contestants, are in possession of all necessary detail concerning the work you must do.

1.- During the time allowed by the Marking Jury, you should study most carefully the plan of the work you are required to do. When the words appearing on the plan are not written in your own language, ask for them to be translated, if this has not already been done for you on a separate piece of paper, and as you finish each day's work you should hand it to the Jury President.

2.- Arrange to be present at the ballots for material, places at the work benches, machinery, etc. and take note of what falls to you.

3.- Do not begin your work till the precise moment you are told to do so. The time you spend carrying out your work will be recorded by the expert in your trade. If you wish to, you may check his records and see how long you are taking over your work.

4.- Your test work will be assigned a number. Check it constantly. Insist that the pieces of your work be marked with the number assigned to you.

5.- Before beginning your work carefully examine your material. This may save you mistakes.

6.- If you have not brought sufficient or adequate tools or measuring instruments, ask for them and they will be given to you at once.

7.- Check your measuring instruments against those the Jury will use when judging your work.

8.- While you are in the workshop, do not speak to anyone who is not attached to the Organizing Committee of the Competition.

9.- If you spoil material, ask the Expert in your trade for more. He will resolve your problem.

10.- Study the marking schedule, see what maximum number of hours is allowed for finishing the work, and calculate what time you yourself will need.

Statistic Data

Unfortunately, all the results are given in figures, as there is no other way of showing the competence of the contestant in his trads than by numerical marking.

Figures are also important when comparing these data with those of other Competitions.

For this reason, and although other valuable aspects of subjective and moral character have a certain importance which one cannot show in numbers, we feel it would be interesting to resume this XIX International Competition in figures and averages to see how it compares with those of recent years.

Number
of
Contestants
per
Country

Countries	Competitors
Germany	30
Austria	4
Belgium	15
Korea	29
China	8
Spain	26
Holland	27
Ireland	20
Italy	9
Japan	30
Liechtenstein	5
Malta	3
Portugal	18
United Kingdom	25
Switzerland	25
T O T A L	274

EXERCISE PROPOSALS ASSIGNED TO EACH MEMBER COUNTRY
AND PRESENTED BY THEM

Nº	TRADES	Germany	Austria	Belgium	Korea	Spain	Holland	Ireland	Italy	Japan	Liechtenstein	Malta	Portugal	United Kingdom	Switzerland	Total Presented	Total chosen
1	Fitting	0				X				X			X			3+1	1
2	Presstool Making	0				X				X	X			X		5	1
3	Instrument Making	0				X	X							X	X	5	1
4	Watchmaking	X								0					0	3	2
5	Engineering Drawing	X							0	X	X		0	X	0	6+1	3
6	Turning	X			X	X	X		X	0			X	X	X	9	1
7	Milling	X				X			X	0			X	X	X	7	1
8	Constructional Steel W.	X					X			0				X	X	5	1
9	Gas Welding	X			0	0							X	0	X	6	3
10	Electric Welding	X				X		0		0			X	X	X	7	2
11	Wood Pattern Making					0			X	X				X		4	1
12	Foundry Moulding												0	0		2	2
13	Panel Beating	X							X	0						3	1
14	Sheet Metal Work						X	0		X			X	X		5	1
15	Plumbing	X			0	X	0	0	X	0			X	X		8+1	4
16	Industrial Electronics		0							0	X		X	X	0	6	3
17	TV and Radio Repair	X			X					0			X		X	5	1
18	House Wiring	X				0		X		2			X	X	X	8	1
19	Industrial Wiring	X				X		0		3			X	X		8	1
20	Bricklaying	X					X			0				X	X	5	1
21	Stone Cutting	X		X				X		X				0		5	1
22	Painting	X					0	X						X		4	1
23	Plasterwork	X					2	0		X				X		6	1
24	Cabinet Making	2	0		X		2	X		X					X	9	1
25	Joinery	2					0			X				X	X	7	1
26	Carpentry	X					X	X		X				X	0	6	1
27	Jewellery					X		X						0	X	4	1
28	Tailoring	X			0		X			X						4	1
29	Ladies' Hairdressing	X		0		0				X						2+2	2
30	Men's Hairdressing	0								X						2	1
X	Total chosen in Lisbon	26+1	2	1+1	6	12+1	15	11	6	27+1	3	-	13	22	15+1	159+5	43

Participants and awards obtained corresponding to country and each trade

TRADES	Germany	Austria	Belgium	Korea	China	Spain	Holland	Ireland	Italy	Japan	Liechtenstein	Malta	Portugal	United Kingdom	Switzerland	Total Nº Competitors
1. Fitting	G	x		MH	x	B	x	x	x	B	x	MH	x	S	MH	14
2. Presstool Making	MH	x		x		B	S	x		G	MH		x	x	x	11
3. Instrument Making	B			MH		x	G			G				MH	S	7
4. Watchmaking	MH		x	x		B				G					S	6
5. Engineering Drawing	x			MH	x	B	x	x	x	G	S		S	x	G	12
6. Turning	B		x	x	x	S	MH	x	x	G		x	x	x	x	13
7. Milling	x			x		x	S	x	x	G			x	B	MH	10
8. Constructional Steel W.	S		x	x		x	x	x		G		x	x	B	x	11
9. Gas Welding	MH			B	MH	S	x			G			S	MH	MH	9
10. Electric Welding	x			B	MH	MH	MH	MH		G			S	MH	B	10
11. Wood-Pattern Making	x			S		B	MH		x	G			G	MH	x	9
12. Foundry Moulding	MH			G	x	B	x	x		B			x	S		9
13. Panel Beating	B			S		x	x	x		G			x		x	8
14. Sheet Metal Work	x		x	G		MH	x	x		G			B	x	S	10
15. Plumbing	x		x	B		x	x	G		G			x	B	S	10
16. Industrial Electronics	MH			MH		x			x	G	B		x	x	S	9
17. Radio & TV Repair	x		x	S	x	x			MH	G			B	B	x	10
18. House Wiring	MH		x	B		x	MH	MH	x	G	S		x	x	x	12
19. Industrial Wiring	S		x	x		x	B	MH	x	G			x	x	MH	11
20. Bricklaying	G		x	x		x	B			x				S	G	8
21. Stone Cutting	B		S	MH			MH			MH				G		6
22. Painting	G		S	x		B	x	B		x				x	S	9
23. Plasterwork	MH	x					x	B		S				G		6
24. Cabinet Making	S			MH	x	x	x	x		x				B	G	9
25. Joinery	x	S	x	x		x	MH	x		B			x	G	x	11
26. Carpentry	G			S			x	B		MH				x	B	7
27. Jewellery	x			B		x	x	x		x				S	G	8
28. Tailoring	x		B	G			B			S						5
29. Ladies' Hairdressing	x		B	x		G	x	x		S					x	8
30. Men's Hairdressing	S		G	G		x	B			S						6
x=Total Nº Competitors	30	4	15	29	8	26	27	20	9	30	5	3	18	25	25	274
G=Total Nº Gold Medals	4	-	1	4	-	1	1	1	-	17	-	-	1	3	4	37
S=Total Nº Silver Medals	4	1	2	4	-	2	2	-	-	4	2	-	3	4	6	34
B=Total Nº Bronze Medals	4	-	2	5	-	7	4	3	-	3	1	-	2	5	2	38
MH=Total Nº Mentions of Honour	7	-	-	6	2	2	6	3	1	2	1	1	-	4	4	39
TOTAL Nº AWARDS	19	1	5	19	2	12	13	7	1	26	4	1	6	16	16	148

NUMERICAL RELATION OF THE AWARDS OBTAINED BY EACH OF THE PARTICIPATING COUNTRIES AND THE TOTAL NUMBER OF COMPETITORS IN THE XIX INTERNATIONAL APPRENTICE COMPETITION HELD IN TOKYO (JAPAN)

AWARDS	Germany	Austria	Belgium	Korea	China	Spain	Holland	Ireland	Italy	Japan	Liechtenstein	Malta	Portugal	United Kingdom	Switzerland	TOTAL
Gold Medal	3	-	1	2	-	1	-	1	-	15	-	-	1	3	3	30
Gold Medal Ex-Equo	1	-	-	2	-	-	1	-	-	2	-	-	-	-	1	7
Silver Medal	4	1	2	4	-	1	2	-	-	3	2	-	2	4	5	30
Silver Medal Ex-Equo	-	-	-	-	-	1	-	-	-	1	-	-	1	-	1	4
Bronze Medal	4	-	2	4	-	5	4	1	-	3	1	-	1	5	1	31
Bronze Medal Ex-Equo	-	-	-	1	-	2	-	2	-	-	-	-	1	-	1	7
Mention of Honour	7	-	-	6	2	2	6	3	1	2	1	1	-	4	4	39
TOTAL	19	1	5	19	2	12	13	7	1	26	4	1	6	16	16	148
TOTAL Nº OF COMPETITORS	30	4	15	29	8	26	27	20	9	30	5	3	18	25	25	274

Total number of participants, medals and mentions obtained by the member countries in the XV, XVI, XVII, XVIII and XIX Competitions

COUNTRIES	XV Utrecht						XVI Madrid						XVII Berne						XVIII Brussels						XIX Tokyo					
	Participants	Medals				Men. of Honour	Participants	Medals				Men. of Honour	Participants	Medals				Men. of Honour	Participants	Medals				Men. of Honour	Participants	Medals				Men. of Honour
		GOLD	SILVER	BRONZE	Total			GOLD	SILVER	BRONZE	Total			GOLD	SILVER	BRONZE	Total			GOLD	SILVER	BRONZE	Total			GOLD	SILVER	BRONZE	Total	
Germany	28	1	5	8	14	2	32	4	5	8	17	1	28	1	5	3	9	6	29	4	2	6	12	7	30	4	4	4	12	7
Austria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	1	1	2	1	4	-	1	-	1	-
Belgium	16	1	2	1	4	-	15	2	2	2	6	-	16	1	1	-	2	1	14	1	1	-	2	5	15	1	2	2	5	-
Korea	-	-	-	-	-	-	9	2	1	2	5	1	15	4	4	-	8	3	17	2	5	1	8	4	29	4	4	5	13	6
Spain	26	2	-	1	3	4	38	9	4	4	17	-	24	3	1	1	5	6	26	3	2	3	8	4	26	1	2	7	10	2
Holland	30	5	4	5	14	-	25	1	5	6	12	-	23	1	3	3	7	-	25	-	4	2	6	5	27	1	2	4	7	6
Ireland	23	1	3	3	7	-	21	1	5	3	9	-	21	-	4	1	5	3	23	2	-	2	4	6	20	1	-	3	4	3
Italy	15	4	-	2	6	-	10	1	2	-	3	1	13	2	-	1	3	-	13	-	1	-	1	3	9	-	-	-	-	1
Japan	20	9	3	1	13	1	20	5	7	2	14	-	19	6	2	5	13	3	23	9	2	4	15	5	30	17	4	3	24	2
Liechtenstein	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	1	1	1	3	1	-	-	1	2	5	-	2	1	3	4
Luxembourg	4	-	-	-	-	1	-	-	-	-	-	-	6	-	-	-	-	-	9	-	1	3	4	1	-	-	-	-	-	-
Malta	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	5	-	-	-	-	1	3	-	-	-	-	1
Portugal	14	-	-	-	-	2	19	3	1	4	8	1	21	-	3	2	5	4	24	-	2	3	5	9	18	1	3	2	6	-
U. Kingdom	27	4	5	3	12	-	26	2	2	2	6	1	26	2	1	7	10	2	23	-	5	1	6	8	25	3	4	5	12	4
Switzerland	18	2	6	4	12	2	18	2	6	5	13	1	34	8	4	4	16	-	27	6	3	3	12	4	25	4	6	2	12	4
Total	221	29	28	28	85	12	233	32	40	38	110	6	256	28	28	28	84	29	266	28	29	29	86	65	274	37	34	38	148	39

GOLD MEDALS

ANALYSIS OF MARKS OBTAINED BY GOLD MEDAL WINNERS

JAPAN

Press tool making	89,50
Instrument making	79,79
Watch making	88,74
Engineering drawing	89,92
Turning	96,00
Milling	93,10
Constructional steel work	94,81
Gas welding	93,28
Electric welding	95,77
Panel beating	91,00
Sheet metal work	82,00
Industrial electronics	95,00
Radio TV repair	98,00
House wiring	82,65
Industrial wiring	92,23
Wood pattern making	87,84
Plumbing	82,26

TOTAL NUMBER OF GOLD MEDALS	17
TOTAL NUMBER OF MARKS	1.532,09
AVERAGE MARK	90,12

SWITZERLAND

Engineering drawing	89,25
Bricklaying	80,60
Cabinet making	81,75
Jewellery	91,90

TOTAL NUMBER OF GOLD MEDALS	4
TOTAL NUMBER OF MARKS	343,50
AVERAGE MARK	85,87

KOREA

Foundry moulding	83,25
Sheet metal work	81,50
Tailoring	89,80
Men's hairdressing	88,90

TOTAL NUMBER OF GOLD MEDALS	4
TOTAL NUMBER OF MARKS	343,45
AVERAGE MARK	85,86

GERMANY

Fitting	97,15
Bricklaying	79,72
Painting	70,68
Carpentry	90,00
TOTAL NUMBER OF GOLD MEDALS	4
TOTAL NUMBER OF MARKS	337,55
AVERAGE MARK	84,38

UNITED KINGDOM

Stone cutting	87,50
Plasterwork	73,28
Joinery	82,88
TOTAL NUMBER OF GOLD MEDALS	3
TOTAL NUMBER OF MARKS	243,66
AVERAGE MARK	81,22

BELGIUM

Men's hairdressing	89,40

PORTUGAL

Wood pattern making	88,50

IRELAND

Plumbing	83,20

HOLLAND

Instrument making	79,16

SPAIN

Ladies' hairdressing	73,60

SUMMARY

TOTAL NUMBER OF GOLD MEDALS	37
TOTAL NUMBER OF MARKS	3.214,11
AVERAGE MARK	86,86

SILVER MEDALS

ANALYSIS OF MARKS OBTAINED BY SILVER MEDAL WINNERS

SWITZERLAND

Instrument making	75,86
Watch making	67,88
Sheet metal work	59,00
Plumbing	74,94
Industrial electronics	90,18
Painting	69,25
TOTAL NUMBER OF SILVER MEDALS	6
TOTAL NUMBER OF MARKS	437,11
AVERAGE MARK	72,85

GERMANY

Constructional steel work	83,60
Industrial wiring	82,54
Cabinet making	74,75
Men's hairdressing	88,10
TOTAL NUMBER OF SILVER MEDALS	4
TOTAL NUMBER OF MARKS	328,99
AVERAGE MARK	82,24

KOREA

Wood pattern making	67,92
Panel beating	76,25
Radio TV repair	91,70
Carpentry	85,83
TOTAL NUMBER OF SILVER MEDALS	4
TOTAL NUMBER OF MARKS	321,70
AVERAGE MARK	80,42

UNITED KINGDOM

Fitting	91,48
Foundry moulding	79,50
Bricklaying	79,44
Jewellery	79,25
TOTAL NUMBER OF SILVER MEDALS	4
TOTAL NUMBER OF MARKS	329,67
AVERAGE MARK	82,41

JAPAN

Plasterwork	70,62
Tailoring	83,15
Ladies' hairdressing	70,50
Men's hairdressing	87,50
TOTAL NUMBER OF SILVER MEDALS	4
TOTAL NUMBER OF MARKS	311,77
AVERAGE MARK	77,94

PORTUGAL

Engineering drawing	83,58
Gas welding	90,35
Electric welding	86,95
TOTAL NUMBER OF SILVER MEDALS	3
TOTAL NUMBER OF MARKS	260,88
AVERAGE MARK	86,96

SPAIN

Turning	79,80
Gas welding	90,03
TOTAL NUMBER OF SILVER MEDALS	2
TOTAL NUMBER OF MARKS	169,83
AVERAGE MARK	84,91

LIECHTENSTEIN

Engineering drawing	83,84
House wiring	80,31
TOTAL NUMBER OF SILVER MEDALS	2
TOTAL NUMBER OF MARKS	164,15
AVERAGE MARK	82,07

BELGIUM

Stone cutting	69,25
Painting	69,05
TOTAL NUMBER OF SILVER MEDALS	2
TOTAL NUMBER OF MARKS	138,30
AVERAGE MARK	69,15

HOLLAND

Press tool making	62,50
Milling	75,29
TOTAL NUMBER OF SILVER MEDALS	2
TOTAL NUMBER OF MARKS	137,79
AVERAGE MARK	68,89

AUSTRIA

Joinery	78,92

SUMMARY

TOTAL NUMBER OF SILVER MEDALS	34
TOTAL NUMBER OF MARKS	2.679,11
AVERAGE MARK	78,79

BRONZE MEDALS

ANALYSIS OF MARKS OBTAINED BY BRONZE MEDAL WINNERS

SPAIN

Fitting	89,28
Press tool making	57,60
Watch making	65,46
Engineering drawing	77,33
Wood pattern making	64,50
Foundry moulding	76,50
Painting	68,04
TOTAL NUMBER OF BRONZE MEDALS	7
TOTAL NUMBER OF MARKS	498,71
AVERAGE MARK	71,24

KOREA

Gas welding	86,78
Electric welding	80,48
Plumbing	71,79
House wiring	75,33
Jewellery	57,35
TOTAL NUMBER OF BRONZE MEDALS	5
TOTAL NUMBER OF MARKS	371,73
AVERAGE MARK	74,34

UNITED KINGDOM

Milling	73,05
Constructional steel work	71,81
Plumbing	72,02
Radio TV repair	81,60
Cabinet making	68,75
TOTAL NUMBER OF BRONZE MEDALS	5
TOTAL NUMBER OF MARKS	367,23
AVERAGE MARK	73,44

HOLLAND

Industrial wiring	80,43
Brickleying	74,40
Tailoring	69,70
Men's hairdressing	85,20
TOTAL NUMBER OF BRONZE MEDALS	4
TOTAL NUMBER OF MARKS	309,73
AVERAGE MARK	77,43

GERMANY

Instrument making	71,96
Turning	73,93
Panel beating	58,50
Stone cutting	81,80
TOTAL NUMBER OF BRONZE MEDALS	4
TOTAL NUMBER OF MARKS	286,19
AVERAGE MARK	71,54

JAPAN

Fitting	90,06
Foundry moulding	77,50
Joinery	73,92
TOTAL NUMBER OF BRONZE MEDALS	3
TOTAL NUMBER OF MARKS	241,48
AVERAGE MARK	80,49

IRELAND

Painting	67,05
Plasterwork	68,50
Carpentry	77,08
TOTAL NUMBER OF BRONZE MEDALS	3
TOTAL NUMBER OF MARKS	212,63
AVERAGE MARK	70,89

SWITZERLAND

Electric welding	80,01
Carpentry	77,70
TOTAL NUMBER OF BRONZE MEDALS	2
TOTAL NUMBER OF MARKS	157,71
AVERAGE MARK	78,85

BELGIUM

Tailoring	70,40
Ladies' hairdressing	68,50
TOTAL NUMBER OF BRONZE MEDALS	2
TOTAL NUMBER OF MARKS	138,90
AVERAGE MARK	69,45

PORTUGAL

Sheet metal work	57,75
Radio TV repair	81,21
TOTAL NUMBER OF BRONZE MEDALS	2
TOTAL NUMBER OF MARKS	138,96
AVERAGE MARK	69,48

LIECHTENSTEIN

Industrial electronics	88,16

SUMMARY

TOTAL NUMBER OF BRONZE MEDALS	38
TOTAL NUMBER OF MARKS	2.811,43
AVERAGE MARK	73,98

HONORARY MENTIONS

ANALYSIS OF MARKS OBTAINED BY HONORARY MENTION WINNERS

GERMANY

Press tool making	55,80
Watch making	52,59
Gas welding	76,17
Foundry moulding	66,25
Industrial electronics	81,08
House wiring	62,40
Plasterwork	55,50
TOTAL NUMBER OF MENTIONS	7
TOTAL NUMBER OF MARKS	449,79
AVERAGE MARK	64,25

KOREA

Fitting	80,62
Instrument making	65,37
Engineering drawing	73,06
Industrial electronics	84,45
Stone cutting	78,75
Cabinet making	67,00
TOTAL NUMBER OF MENTIONS	6
TOTAL NUMBER OF MARKS	449,25
AVERAGE MARK	74,87

HOLLAND

Turning	70,99
Electric welding	75,50
Wood pattern making	62,17
House wiring	64,73
Stone cutting	81,50
Joinery	71,45
TOTAL NUMBER OF MENTIONS	6
TOTAL NUMBER OF MARKS	426,34
AVERAGE MARK	71.05

SWITZERLAND

Fitting	81,95
Milling	70,24
Gas welding	78,24
Industrial wiring	78,81
TOTAL NUMBER OF MENTIONS	4
TOTAL NUMBER OF MARKS	309,24
AVERAGE MARK	77,31

UNITED KINGDOM

Instrument making	65,11
Gas welding	73,08
Electric welding	75,34
Wood pattern making	62,42
TOTAL NUMBER OF MENTIONS	4
TOTAL NUMBER OF MARKS	275,95
AVERAGE MARK	68,98

IRELAND

Electric welding	74,93
House wiring	72,08
Industriel wiring	78,06
TOTAL NUMBER OF MENTIONS	3
TOTAL NUMBER OF MARKS	225,07
AVERAGE MARK	75,02

JAPAN

Stone cutting	80,00
Carpentry	77,67
TOTAL NUMBER OF MENTIONS	2
TOTAL NUMBER OF MARKS	157,67
AVERAGE MARK	78,83

CHINA

Gas welding	82,31
Electric welding	71,80
TOTAL NUMBER OF MENTIONS	2
TOTAL NUMBER OF MARKS	154,11
AVERAGE MARK	77,05

SPAIN

Electric welding	76,30
Sheet metal work	53,75
TOTAL NUMBER OF MENTIONS	2
TOTAL NUMBER OF MARKS	130,05
AVERAGE MARK	65,02

MALTA

Fitting	85,72

ITALY

Radio TV repair	73,18

LIECHTENSTEIN

Press tool making	55,80

SUMMARY

TOTAL NUMBER OF MENTIONS	39
TOTAL NUMBER OF MARKS	2.792,17
AVERAGE MARK	71,59

GENERAL SUMMARY

TOTAL NUMBER OF AWARDS	148
TOTAL NUMBER OF MARKS	11.343,88
GENERAL AVERAGE MARK	76,64

TOTAL MARKS PER TRADE, BRANCH AND COUNTRY. AVERAGES.

BRANCHE		TRADES	COUNTRY															COMPETITORS	TOTAL POINTS	AVERAGES
			GERMANY	AUSTRIA	BELGIUM	KOREA	CHINA	SPAIN	HOLLAND	IRELAND	ITALY	JAPAN	LIECHTENS	MALTA	PORTUGAL	U. KINGDOM	SWITZERL			
MECHANIC	1	Fitting	97.15	57.81		80.62	71.84	89.28	67.65	77.21	72.21	90.06	70.89	85.72	54.10	91.48	81.95	14	1.087.97	77.71
	2	Presstool Making	55.80	30.60		38.80		57.60	62.50	31.80		89.50	55.80		16.40	17.60	35.00	11	491.40	44.68
	3	Instrument Making	71.96			65.37		63.70	79.16			79.79				65.11	75.86	7	500.95	71.56
	4	Watchmaking	52.59		33.86	56.85		65.46				88.74					67.88	6	365.38	60.89
	5	Engineering Drawing	59.75			73.06	61.84	77.33	54.00	53.59	58.67	89.92	83.84		83.58	61.25	89.25	12	846.08	70.50
	6	Turning	73.93		52.61	62.62	36.43	79.80	70.99	46.86	49.22	96.00		58.84	60.90	40.91	56.93	13	786.04	60.46
	7	Milling	55.84			67.20		58.50	75.29	65.10	36.08	93.10			35.84	73.05	70.24	10	630.24	62.92
		TOTAL POINTS	467.02	88.41	86.47	444.52	170.11	491.67	409.59	274.56	216.18	627.11	210.53	144.56	250.82	349.40	477.11		4.708.06	
		AVERAGES	66.71	44.20	43.23	63.50	56.70	70.23	68.26	54.85	54.04	89.58	70.17	72.28	50.16	58.23	68.15			64.49
		COMPETITORS	7	2	2	7	3	7	6	5	4	7	3	2	5	6	7	73		
METALLURGIC	8	Constructional Steel Work	83.60		52.45	62.19		55.91	60.12	63.30		94.81		52.96	55.70	71.81	66.64	11	719.49	65.40
	9	Gas Welding	76.17			86.78	82.31	90.03	69.62			93.28			90.35	73.08	78.24	9	739.86	82.20
	10	Electric Welding	70.97			80.48	71.80	76.30	75.50	74.93		95.77			86.95	75.34	80.01	10	788.05	78.80
	11	Wood Pattern Making	41.17			67.92		64.50	62.17		39.50	87.84			88.50	62.42	59.00	9	573.02	63.66
	12	Foundry Moulding	66.25			83.25	63.28	76.50	62.25	55.25		77.50			58.00	79.50		9	621.78	69.08
	13	Panel Beating	58.50			76.25		47.75	32.50	32.50		91.00			26.00		49.75	8	414.25	51.78
	14	Sheet Metal York	45.00		S.P	81.50		53.75	S.P	S.P		82.00			57.75	47.00	59.00	10	426.00	58.43
		TOTAL POINTS	441.66	–	52.45	538.37	217.39	464.74	362.16	225.98	39.50	622.20	–	52.96	463.25	409.15	392.64		4.282.45	
		AVERAGES	63.09	–	26.22	76.91	72.46	66.39	51.73	45.19	39.50	88.88	–	52.96	66.17	68.19	65.44			64.88
		COMPETITORS	7	–	2	7	3	7	7	5	1	7	–	1	7	6	6	66		
ELECTRICITY	16	Industrial electronic	81.08			84.45		78.18			69.69	95.00	88.16		64.00	77.42	90.18	9	728.16	80.90
	17	Radio TV Repairing	45.49		49.42	91.70	63.88	44.35			73.18	98.00			81.21	81.60	50.54	10	679.37	67.93
	18	House Wiring	62.40		56.83	75.33		44.11	64.73	72.08	56.78	82.85	80.31		26.50	56.25	57.85	12	736.02	61.33
	19	Industrial Wiring	82.54		S.C	S.C		71.25	80.43	78.06	S.C	92.23			S.C	S.C	78.81	11	483.32	43.93
		TOTAL POINTS	271.51	–	106.25	251.48	63.88	237.89	145.16	150.14	199.65	368.08	168.47	–	171.71	215.27	277.38		2.626.87	
		AVERAGES	67.87	–	35.41	62.87	63.88	59.47	72.58	75.07	49.91	92.02	84.23	–	42.92	53.81	69.34			62.54
		COMPETITORS	4	–	3	4	1	4	2	2	4	4	2	–	4	4	4	42		
CONSTRUCTION	15	Plumbing	67.58		68.74	71.79		67.31	66.09	83.20		82.26			62.62	72.02	74.94	10	716.55	71.65
	20	Bricklaying	79.72		63.21	60.78		55.18	74.40			57.27				79.44	80.60	8	550.60	68.82
	21	Stone Cutting	81.80		85.50	78.75			81.50			80.00				87.50		6	495.05	82.50
	22	Painting	70.68		69.05	63.21		68.04	65.67	67.05		56.21				54.83	69.25	9	583.99	64.88
	23	Plasterwork	55.50	30.00					47.40	68.50		70.62				73.28		6	345.30	57.55
		TOTAL POINS	355.28	30.00	286.50	274.53	–	190.53	335.06	218.75	–	346.36	–	–	62.62	367.07	224.79		2.691.49	
		AVERAGES	71.05	30.00	71.60	68.63	–	63.51	67.01	72.91	–	69.27	–	–	62.62	73.41	74.93			68.24
		COMPETITORS	5	1	4	4	–	3	5	3	–	5	–	–	1	5	3	39		
WOOD	24	Cabinet Making	74.75			67.00	61.75	56.25	50.50	47.50		65.25				68.75	81.75	9	573.50	63.72
	25	Joinery	67.04	78.92	52.15	59.47		56.75	71.45	59.57		73.92			45.10	82.88	66.07	11	713.32	64.84
	26	Carpentry	90.00			85.83			63.37	77.08		76.67				47.84	77.70	7	518.49	74.07
		TOTAL POINTS	231.79	78.92	52.15	212.30	61.75	113.00	185.32	184.15	–	215.84	–	–	45.10	199.47	225.52		1.805.31	
		AVERAGES	77.26	78.92	52.15	70.76	61.75	56.50	61.77	61.38	–	71.94	–	–	45.10	66.49	75.17			66.86
		COMPETITORS	3	1	1	3	1	2	3	3	–	3	–	–	1	3	3	27		
ARTISTIC TRADES AND SERVICES	27	Jewellery	55.00			57.35		55.50	45.50	54.25		48.25				79.25	91.90	8	487.00	60.87
	28	Tailoring	61.20		70.40	89.80			69.70			83.15						5	374.25	74.85
	29	Ladies hairdressing	48.00		68.50	56.00		73.60	58.50	42.10		70.50					55.30	8	472.50	59.06
	30	Men's hairdressing	88.10		89.40	88.90		81.20	85.20			87.50						6	520.30	86.71
		TOTAL POINTS	252.30	–	228.30	292.05	–	210.30	258.90	96.35	–	289.40	–	–	–	79.25	147.20		1.854.05	
		AVERAGES	63.07	–	76.10	73.01	–	70.10	64.72	48.17	–	72.35	–	–	–	79.25	73.60			68.66
		COMPETITORS	4	–	3	4	–	3	4	2	–	4	–	–	–	1	2	27		
TOTAL POINTS			2.019.56	197.33	812.12	2.013.25	513.13	1.708.13	1.696.19	1.149.93	455.33	2.468.99	379.00	197.52	993.50	1.619.61	1.744.64		17.968.23	
AVERAGE TOTALS			67.31	49.33	54.14	69.42	64.14	65.69	62.82	57.49	50.59	82.29	75.80	65.84	55.19	64.78	69.78			65.57
TOTAL COMPETITORS			30	4	15	29	8	26	27	20	9	30	5	3	18	25	25	274		
PLACE ACCORDING TO AVERAGE			5º	15º	13º	4º	9º	7º	10º	11º	14º	1º	2º	6º	12º	8º	3º			

Total and average marks, number of contestants corresponding to each trade and classification according to averages.

Classification.	T R A D E S	Contestants	TOTAL Nº OF MARKS	Average
1.-	Men's hairdressing	6	520,30	86,71
2.-	Stone cutting	6	495,05	82,50
3.-	Gas welding	9	739,86	82,20
4.-	Industrial electronics	9	728,16	80,90
5.-	Electric welding	10	788,05	78,80
6.-	Fitting	14	1.088,97	77,71
7.-	Tailoring	5	374,25	74,85
8.-	Carpentry	7	518,49	74,07
9.-	Plumbing	10	716,55	71,65
10.-	Instrument making	7	500,95	71,56
11.-	Engineering drawing	12	846,08	70,50
12.-	Foundry moulding	9	621,78	69,08
13.-	Bricklaying	8	550,60	68,82
14.-	Radio TV repair	10	679,37	67,93
15.-	Constructional steel work .	11	719,49	65,40
16.-	Painting	9	583,99	64,88
17.-	Joinery	11	713,32	64,84
18.-	Cabinet making	9	573,50	63,72
19.-	Wood pattern making	9	573,02	63,66
20.-	Milling	10	630,24	62,92
21.-	House wiring	12	736,02	61,33
22.-	Watch making	6	365,38	60,89
23.-	Jewellery	8	487,00	60,87
24.-	Turning	13	786,04	60,46
25.-	Ladies' hairdressing	8	472,50	59,06
26.-	Sheet metal work	10	426,00	58,43
27.-	Panel beating	8	414,25	51,78
28.-	Plasterwork	6	345,30	57,55
29.-	Press tool making	11	491,40	44,68
30.-	Industrial wiring	11	483,32	43,93
T O T A L		274	17.968,23	65,57

Number of contestants and averages obtained in each of the trades and branches, at the XV, XVI, XVII, XVIII and XIX Competitions

TRADES	XV Utrecht		XVI Madrid		XVII Berne		XVIII Brussels		XIX Tokyo		Branches
	Partici-pants	Averages	Partici-pants	Averages	Partici-pants	Averages	Partici-pants	Averages	Partici-pants	Averages	
Fitting	10	73,50	10	83,05	14	68,54	13	79,58	14	77,71	MECHANIC
Press tool making	8	70,99	7	45,53	9	65,21	9	63,91	11	44,68	
Instrument making	4	73,88	4	57,39	4	83,73	6	58,36	7	71,56	
Engineering drawing	8	67,91	7	73,41	11	65,71	12	68,82	12	70,50	
Turning	8	73,05	10	61,96	13	71,90	13-1	72,04	13	60,46	
Milling	8	64,57	7-1	68,22	10	72,12	7	68,33	10	62,92	
Totals and averages	46	70,64	45-1	66,40	61	70,17	60-1	69,97	53	60,53	
Foundry moulding	7	79,69	8	Not valid	-	-	8	78,81	9	69,08	METALLURGIC
Wood pattern making	8	42,89	8	50,53	10-1	64,79	9	61,02	9	63,66	
Constr. steel work	8	73,00	9	79,82	10	65,18	10	67,83	11	65,40	
Sheet metal work	7	70,46	8-4	66,75	9	61,31	9-1	75,93	10	58,43	
Panel beating	6	64,83	5	73,31	8-1	69,92	8-2	68,65	8	51,78	
Gas welding	9	76,11	7	59,76	9	66,00	9-1	77,55	9	82,20	
Electric welding	8	60,30	8	68,01	10-1	67,71	10	78,95	10	78,80	
Totals and averages	52	66,51	53-12	66,31	56-3	65,83	63-4	72,66	45	65,19	
Industrial electronics	Demonst.	Demonst.	5	84,86	5	78,14	7	73,99	9	80,90	ELECTRICITY
Radio TV repair	7	82,81	7	74,50	8	68,62	9	79,11	10	67,93	
Industrial wiring	10	74,20	9	76,58	13	77,13	12	81,57	11	43,93	
House wiring	10	85,54	9	83,86	11	81,49	11	83,70	12	61,33	
Totals and averages	27	80,63	30	79,66	37	76,72	39	80,24	27	76,37	

TRADES	XV Utrecht		XVI Madrid		XVII Berne		XVIII Brussels		XIX Tokyo		Branches
	Partici-pants	Averages	Partici-pants	Averages	Partici-pants	Averages	Partici-pants	Averages	Partici-pante	Averages	
Stone cutting	6	76,41	5-1	80,55	6	83,25	5	81,08	6	82,50	CONSTRUC-TION
Bric&laying	8	71,46	8-1	67,77	7	76,99	9-1	78,29	8	68,82	
Plasterwork	7-1	68,12	6	71,37	7	52,57	8	61,10	6	57,55	
Painting	7	73,57	8	70,60	9	62,24	10	63,05	9	64,88	
Plumbing	8	66,51	8	65,94	8	71,10	10	68,91	10	71,65	
Totals and averages	36-1	71,02	35-2	70,21	37	68,52	42-1	69,27	30	67,19	
Cabinet making	11-1	63,42	8	61,48	10	71,69	12-1	58,73	9	63,72	WOOD
Joinery	8	63,66	9-1	70,08	9	78,12	11	77,94	11	64,84	
Carpentry	8	63,52	7	65,11	9	61,14	9-2	72,43	7	74,07	
Totals and averages	27-1	63,53	24-1	65,58	28	69,01	32-3	69,32	34	68,60	
Jewellery	8	58,51	7	80,50	9	67,80	8	66,14	8	60,87	ARTISTIC TRADES
Silver-smithing	5	65,56	3	69,25	-	-	-	-	3	68,83	
Totals and averages	13	61,22	10	77,12	9	67,80	8	66,14	11	67,27	
Tailoring	7	80,75	7	74,94	8	78,78	8-1	64,33	5	74,85	CONFECTION, LEATHER AND SERVICES
Shoe making	4	65,85	4-1	72,73	6	63,99	-	-	-	-	
Ladies' hairdressing	7	Demonst.	5	55,48	7	68,08	8	81,88	8	59,06	
Men's hairdressing	-	Demonst.	4	64,35	-	-	-	-	6	66,71	
Upholstering	-	-	-	-	-	-	3	Demonst.	-	-	
Watch making	-	-	-	-	-	-	3	Demonst.	6	60,89	
Totals and averages	-	75,33	20-1	67,24	21	70,99	22-1	73,69	-	-	
Totals and general averages	221-11	69,75	217-17	69,77	248-3	69,94	266-10	72,12	274	66,46	

TOTAL AND AUERAGE MARKS PER TRADE BRANCH

Classi-fica-tion	B R A N C H E S	Contes-tants	Total marks	Averages
1.-	Artistic works, confect. & serv.	27	1.854,05	68,66
2.-	Construction	39	2.691,49	68,24
3.-	Wood	27	1.805,31	66,86
4.-	Metallurgy	66	4.282,45	64,88
5.-	Mechanic	73	4.708,06	64,49
6.-	Electricity	42	2.626,87	62,54
	T O T A L	274	17.968,23	65,67

Total number of participants and average marks obtained in the Competitions in Utrecht, Madrid, Berne, Brussels and Tokyo

Branches	XV Utrecht			XVI Madrid			XVII Berne			XVIII Brussels			XIX Tokyo		
	Participants	Average	Classification	Participants	Average	Classification	Participants	Average	Classification	Participants	Average	Classification	Participants	Average	Classification
Electricity	27	80,63	1st	30	79,66	1st	37	76,72	1st	39	80,24	1st	42	62,54	1st
Wood	27	63,53	6th	24	65,58	6th	28	70,37	4th	32-3	69,32	5th	27	66,86	2nd
Artistic works	13	61,22	7th	10	77,12	2nd	9	67,80	6th	8	66,14	7th	27	68,66	3rd
Construction	36	71,02	3rd	35	70,21	3rd	37	68,52	5th	42-1	69,27	6th	39	68,24	4th
Metallurgy	52	69,75	5th	53	66,31	7th	56-3	65,65	7th	63-4	72,66	3rd	66	64,88	5th
Mechanic	46	70,64	4th	45	66,40	5th	61	70,17	3rd	60-1	69,97	4th	73	64,49	6th
Confection, Leather & services	11	75,33	2nd	20	67,24	4th	21	70,99	2nd	16-1	73,69	2nd	-	-	-
T O T A L	212	69,75		217	69,77		249-3	69,94		260-10	72,12		274	65,67	

Place and
Date of the
19 Competitions

Competitions	Year	City	Country	Nº of Participating Countries	Total Nº of Participants
I	1950	Madrid	Spain	2	24
II	1952	Madrid	Spain	2	16
III	1953	Madrid	Spain	7	65
IV	1954	Madrid	Spain	7	83
V	1956	Madrid	Spain	8	88
VI	1957	Madrid	Spain	8	128
VII	1958	Brussels	Belgium	10	144
VIII	1959	Modena	Italy	9	150
IX	1960	Barcelona	Spain	7	173
X	1961	Duisburg	Germany	11	193
XI	1962	Gijón	Spain	10	156
XII	1963	Dublin	Ireland	13	227
XIII	1964	Lisbon	Portugal	11	198
XIV	1965	Glasgow	U.K.	10	200
XV	1966	Utrech	Holland	11	221
XVI	1967	Madrid	Spain	11	233
XVII	1968	Berne	Switzerland	14	256
XVIII	1969	Brussels	Belgium	15	266
XIX	1970	Tokyo	Japan	15	274
	TOTAL	13	10	19	3095

Place, Competition and year in which different countries of Europe, Asia and Africa took part in our Competition.

Spain	I	1950	Madrid (Spain)
Portugal	I	1950	Madrid (Spain)
Germany	III	1953	Madrid (Spain)
Switzerland	III	1953	Madrid (Spain)
France	III	1953	Madrid (Spain)
United Kingdom	III	1953	Madrid (Spain)
Morocco	III	1953	Madrid (Spain)
Belgium	IV	1954	Madrid (Spain)
Italy	V	1956	Madrid (Spain)
Ireland	VI	1957	Madrid (Spain)
Luxembourg	VII	1958	Brussels (Belgium)
Austria	X	1961	Duisburg (Germany)
Holland	XI	1962	Gijón (Spain)
Japan	XI	1962	Gijón (Spain)
Denmark	XII	1963	Dublin (Ireland)
Korea	XVI	1967	Madrid (Spain)
Liechtenstein	XVII	1968	Berne (Switzerland)
Malta	XVII	1968	Berne (Switzerland)
China	XIX	1970	Tokyo (Japan)

Number of Competitions in which each Country has participated and total number of contestants presented.

COUNTRIES	COMPETI-TIONS	PARTICIPANTS
Spain	19	502
Portugal	19	286
Germany	17	382
United King.	16	368
Belgium	16	266
Switzerland	15	186
Ireland	14	276
Italy	14	221
Holland	9	181
Japan	9	170
Luxembourg	8	50
France	6	35
Austria	5	33
Korea	4	70
Malta	3	15
Liechtenst.	3	11
Morocco	2	24
Denmark	1	11
China	1	8

Participating Countries	19
Competitions held	19
Total Contestants	3,095

Total of participants by countries and Competitions

Countries	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	XVI	XVII	XVIII	XIX	Total
Spain	12	8	24	26	28	35	30	28	37	30	25	27	26	26	26	38	24	26	26	502
Portugal	12	8	8	10	9	14	8	12	17	12	16	20	27	18	14	19	21	24	18	286
Germany	-	-	18	19	5	13	13	16	25	32	24	24	20	26	28	32	28	29	30	382
U. Kingdom	-	-	1	-	7	12	20	23	31	28	31	28	28	27	26	26	23	25	31	368
Switzerland	-	-	4	8	3	-	2	3	-	11	5	10	9	9	18	18	34	27	25	186
France	-	-	1	3	10	6	10	-	-	5	-	-	-	-	-	-	-	-	-	35
Morocco	-	-	9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
Belgium	-	-	-	2	11	25	25	19	20	19	18	15	19	17	16	15	16	14	15	266
Italy	-	-	-	-	15	19	15	31	25	19	-	13	11	13	15	10	13	13	9	221
Ireland	-	-	-	-	-	4	17	14	18	18	16	32	21	28	23	21	21	23	20	276
Luxembourg	-	-	-	-	-	-	4	4	-	8	-	9	6	-	4	-	6	9	-	50
Austria	-	-	-	-	-	-	-	-	-	8	8	8	-	-	-	-	-	5	4	33
Holland	-	-	-	-	-	-	-	-	-	-	8	13	14	16	30	25	23	25	27	181
Japan	-	-	-	-	-	-	-	-	-	-	8	14	17	19	20	20	19	23	30	170
Denmark	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-	-	-	11
Korea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	15	17	29	70
Liechtenstein	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	5	11
Malta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	5	3	15
China	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8
T O T A L	24	16	65	83	88	128	144	150	173	193	156	227	198	200	221	233	256	266	274	3,095

Authentic perseverance of the organization, development and results of the XIX International Competition.

One of the Secretariat-General's tasks is to register all the resolutions and agreements made by the Technical Committee and Organizing Council.

Both have the task of organizing the Competitions, adapting their projects according to the means, installations and plants that the organizing country offers.

In the period of a year, at different dates and places, a new Competition is born, developed and brought to an end, which the International Council conceives, cares for and brings to its height with the indispensable help of the host country.

This year, Granada, Lisbon and Tokyo were the meeting places where the said process took place. Its perseverance and progress is certified in the following pages.

MINUTES OF THE MEETINGS HELD IN GRANADA BY THE TECHNICAL COMMITTEE OF THE INTERNATIONAL APRENTICE COMPETITIONS ON 4TH, 5TH & 6TH NOVEMBER 1969.-

=======

In attendance

Mr. Woerner
Mr. Schubert
Mr. Bammer
Mr. Vastiau
Mr. Kang
Mr. Palencia
Mr. Hamer
Mr. Power
Mr. Ghedini
Mr. Miyamori
Mr. Seger
Mr. Raimondo
Mr. Chircop
Mr. Vilar Queiroz
Mr. Reeves
Mr. Schürch

Mr. Furuya
Mr. Müller

General Secretariat

Mr. Albert
Mr. Capdepón

The Chairman of the Technical Committee, Mr. Woerner, welcomed the members in attendance. He had a special greeting for Mr. Slabbert, who, in his capacity as observer representing South Africa, had asked to be present at these meetings preparatory to the 19th International Apprentice Competition.

The Chairman then asked for members' opinions regarding the matters to be discussed among those presented by the Secretariat on its proposed Agenda, which has been sent out in due time, and those listed on the Agenda proposed subsequently by Mr. Reeves, Technical Representative from the United Kingdom, concerning the need to raise the technical standard of the exercises set at our Competitions.

Suggestions from Messrs. Hamer and Schubert having been heard, matters to be discussed were scheduled in the order followed in these present Minutes.

Should there be sufficient time, the end of the meetings was to be devoted to discussion of matters relating to "the evaluation of the time factor in the markings", regulation forms to be used, and prizes to be awarded to the contestants.

As all members present expressed their agreement with the first of the above-mentioned proposals, that was the Agenda voted and followed at these meetings.

1. MR. REEVE'S PROPOSAL FOR RAISING THE TECHNICAL STANDARD OF THE COMPETITION.

Mr. Palencia took the floor and gave a detailed analysis of the content of Mr. Reeve's proposal. He considered it to be of extraordinary interest, as the Competitions were now at the point where, should things continue as they had done so far, the primary objective of the Competitions might fall into disrepute - that objective being to "promote and stimulate skill in industrial apprentices", as Mr. Reeves had put it in his paper. It was to be remembered, too, that the same objective applied to "craftsmen apprentices". Mr. Palencia also agreed that the technical aspect of test exercises left much to be desired at present, the standard attained not being that necessary to promote the skill spoken of. He pointed out that the Committee should do its work with "apprentices" in mind and not qualified workmen, so that its decisions should be orientated pre-eminently towards formative end.

Messrs. Schubert, Hamer, Woerner and Seger, supported the opinions expressed.

There was unanimous agreement to accept Mr. Reeve's proposal, which was held to be of extraordinary importance for the future of the Competitions in view of the fact it tended to raise the technical level of the exercises the contestants were given to do, infusing them with an industrial and "craftsman" aspect superior to what they had till then demonstrated. Exercise proposals sent in by the different Missions should, therefore, be drawn up in accordance with the recommendations made in Mr. Reeve's paper. As an extension of the above, it was established that the descriptions of the trades should show the influence of those recommendations as they provided an opportunity for the practical application of the principles involved.

2. DESCRIPTION OF TRADES. The Secretary referred to the work carried out by the Sub-Committee appointed by the Organizing Council to study the descriptions of the trades included in the Competitions, and also to the meetings held by the Sub-Committee in Madrid, London and Bonn. Using the results of that work, he himself, during the Brussels Competition, had handed each Mission a compendium of those descriptions translated into three languages (English, German and Spanish), the only description lacking being that of Carpentry, which had not been formulated owing to the difficulty of translating technical terms in that trade.

Messrs. Schubert and Hamer then spoke, saying that the work done was of considerable importance and had been well orientated towards the end the Committee had had in view, though they felt a revision of the work was necessary during which the opportunity could be taken to choose some examples (in the form of work drawings) for each trade, and to adapt them to an appropriate level, in accordance with Mr. Reeve's proposal. Members present accepted these suggestions put forward by the representatives for Germany and Holland.

Subsequently, Mr. Hamer then proposed that, in order to have good range from which to choose the examples of test exercises to be appended to the trade descriptions, each Mission should present a minimum of 3 work drawings for each trade. From all the proposals presented, the Sub-Committee appointed for the purpose could then select three examples to go with each trade description. Mr. Schürch, Representative for Switzerland, suggested that instead of obliging all members to furnish three proposals, it would be preferable to indicate that they might send in from one to three.

The Chairman drew attention to the fact it was necessary to give a certain order to the work to be done at this meeting on the point on the Agenda then under discussion. He indicated that the first step should be an analysis of each one of the trade descriptions, followed afterwards by the selection of examples of test proposals to accompany them.

Subsequently, therefore, the trade descriptions sent up by the Sub-Committee were studied one by one; certain modifications were made, mainly in the sections referring to "marking criteria" and to the actual "description" of each trade. The Secretariat-General took careful note of these matters so as to be able to make the necessary alterations to the descriptions. After this detailed study, the Committee approved the descriptions with the exception of those relating to Painting and Carpentry, which were to be presented by Mr. Schubert at a latter date.

It was agreed as well that Mr. Schürch should draw up a description for watch-making, and Mr. Hamer one for Men's Hairdressing.

As to the examples intended to accompany each trade description, it was agreed that this Technical Committee should meet in Lisbon in April,1970, and that as many technical representatives who wished it would attend. At those meetings, consideration was to be given to the proposals brought along by each of the representatives attending, as well as to proposals from those representatives unable to be present - the latter being asked to send proposals to the Secretariat-General before 30th. March, 1970. It was recommended that proposals be drawn up on vegetable paper, which would be supplied by the Secretariat that same month of November, and, if possible, that each be accompanied by a copy on ozalid paper. From among all the proposals presented, the Committee would choose three examples to be appended to each trade description.

3.- TRADES TO BE CONVENED FOR THE 19TH. COMPETITION. It was put to the Organizing Council that the following trades should be convened for the 19th. Competition:

Fitting
Presstool Making
Instrument Making
Engineering Drawing
Turning
Milling
Constructional Steel Work
Gas Welding
Electric Welding
Woodpattern Making
Foundry Moulding
Panel Beating
Sheet Metal Work
Plumbing
Industrial Electronics
Radio and TV Repair
House Wiring
Industrial Wiring
Brick-laying
Stone Cutting
Painting
Plaster Work
Cabinet Making
Joinery
Carpentry
Jewellery
Tailoring
Women's Hairdressing
Men's Hairdressing
Watch-making

Shoe Making and Upholstery would not be convened as a sufficient number of contestants had not enrolled for the first one, and the necessary installations were not available in Tokyo for the second.

4.- FORMATION OF COMMISSIONS, JURIES AND NAMING OF EXPERTS FOR THE ORGANIZATION OF THE 19TH. INTERNATIONAL COMPETITION.-

The Chairman submitted a number of proposals for the consideration of the members. They concerned the formation of Commissions to select the exercises to be done by the contestants, the formation of Qualifying Juries, and the appointment of Technical Experts for the different Countries.

At this point, Mr. Hamer spoke and presented a study relating to this item on the Agenda, which it was hoped would facilitate the reaching of agreement of this matter.

After each of the members had made his opinions known, it was agreed:

A) That the Commissions should be formed as per the groups of trades set out below, and that the Technical Representatives mentioned should act on them:

First: Fitting, Presstool making, Instrument making, Engineering drawing, Turning, Milling, Watch-making; Technical Representatives for United Kingdom, Austria, Italy, Switzerland.

Second: Constructional steel work, Gas welding, Electric welding, Woodpattern making, Foundry Moulding; Technical Representatives for Japan, Switzerland, Korea.

Third: Panel Beating, Sheet metal work, Plumbing; Technical Representatives for Spain and Liechtenstein.

Fourth: Industrial Electronics, Radio & TV Repair; Technical Representatives for Portugal.

Fifth: House wiring, Industrial wiring; Technical Representatives for Malta.

Sixth: Brick-laying, Stone Cutting, Painting, Plaster work; Technical Representatives for Germany and Liechtenstein.

Seventh: Cabinet making, Joinery, Carpentry; Technical Representatives for Ireland and Luxemburg.

Eighth: Jewellery, Tailoring, Women's hairdressing, Men's hairdressing; Technical Representatives for Holland and Belgium.

B) That the Qualifying Juries should be presided over and assisted by the following Technical Representatives and Experts:

Fitting and Presstool making. Chairman Mr. Reeves. Experts from: Italy and Germany (Fitting). Holland and Switzerland (Presstool making).

Instrument making and Watch-making. Chairman Mr. Bammer. Experts from: Belgium and Ireland (Instrument making). Japan and Switzerland (Watch-making).

Turning and Milling. Chairman Mr. Ghedini. Experts from: Japan, Spain and Malta (Turning). Holland and United Kingdom (Milling).

Constructional steel work. Chairman Mr. Miyamori. Experts from: Germany and Holland.

Engineering Drawing, Gas welding and Electric welding. Chairman Mr. Schürch. Experts from: Portugal and Italy (Engineering Drawing). Spain, United Kingdom and Korea (Gas welding). Japan and Portugal (Electric welding).

Woodpattern making and Foundry Moulding. Chairman Mr. Kang. Experts from: Japan and Portugal (Woodpattern making). Spain and United Kingdom (Foundry Moulding).

Panel Beating and Sheet metal work. Chairman Mr. Palencia. Experts from: Germany and Japan (Panel Beating). Portugal and Ireland (Sheet metal work).

Plumbing and Brick-laying. Chairman Mr. Walser. Experts from: Luxemburg and Ireland (Plumbing). Switzerland and Germany (Brick-laying).

Industrial Electronics and Radio and TV Repair. Chairman Mr. Queiroz. Experts from: United Kingdom, Austria and Switzerland (Industrial Electronics). Spain, Italy and Japan (Radio and TV Repair).

House wiring and Industrial wiring. Chairman Mr. Raimondo. Experts from: Spain and Korea (House wiring). Portugal and Germany (Industrial wiring).

Stone Cutting, Painting and Plaster work. Chairman Mr. Schubert. Experts from: Belgium and Liechtenstein (Stone Cutting). Belgium and Ireland (Painting). Ireland and Holland (Plaster work).

Cabinet making and Joinery. Chairman Mr. Power. Experts from: Switzerland and Austria (Cabinet making). United Kingdom and Luxemburg (Joinery).

Carpentry. Chairman Mr. Mischo. Experts from: Korea and Holland.

Jewellery and Tailoring. Chairman Mr. Hamer. Experts from: Switzerland and United Kingdom (Jewellery). Korea and Belgium (Tailoring).

Men's Hairdressing and Women's Hairdressing. Chairman Mr. Vastiau. Experts from: Germany (Women's hairdressing). Spain (Men's hairdressing).

5.- SELECTION OF TEST EXERCISES FOR THE TOKYO COMPETITION.- The Chairman proposed to the Committee that, in view of the agreement reached regarding the first item on the Agenda - the raising of the technical level at the Competitions - it would now be necessary to give much closer study to the exercises to be done by contestants. So that it would hardly be advisable to continue with the present system, which allowed too little time to organize the test work on which the Competitions were based.

Messrs. Hamer, Vastiau, Schubert and Reeves then spoke, saying it was desirable that test work be chosen well in advance so there would be sufficient time to give close study to the content of each test proposal and to see it was properly adapted to the aims which, in the future, were to be followed at the Competitions.

After various motions had been considered, the following agreement was reached.

a) That the Missions which desire to do so should prepare exercise proposals (from 1 to 3) for each trade, same to be on vegetable paper and, if possible, with one copy on ozalid paper.

b) That the Technical Committee should meet in Lisbon in April, 1970, on dates to be agreed upon, attendance of members of the Committee being voluntary and total costs to be borne by each country.

c) That members attending the Lisbon meeting should take with them the proposals for exercises to be set at the 19th. Competition in Tokyo. Members not attending the meeting would be able to send their proposals to the Secretariat-General, but before 31st. March, 1970.

d) That the principal objective of the meeting should be to choose test exercises for the next Competition. THREE DRAWINGS (Plans) should be selected for each trade from among all the proposals. These three plans were then to be properly sealed in a suitable tube or container. All the containers were then to be deposited with the Secretariat-General until the moment when actual organization for the Competition began in Tokyo.

e) Each proposal should be accompanied by a statement of materials necessary for carrying out the work set, and also by a statement of the machinery, tools and other equipment needing to be provided. Such statement, in duplicate, were to be sent to the Secretariat-General. One copy would be supplied to the Technical Representative for Japan, and the other would be kept by the Secretary General.

f) That during the week prior to the beginning of the Competition, the Technical Committee would open the tubes containing the three proposals, for each trade, which till then had been in the custody of the Secretariat. From among the three proposals one was to be chosen as the test exercise to be set for contestants in Tokyo.

g) That at the Lisbon Meeting, a further job would be the selection of the three exercise plans or drawings to accompany each of the trade descriptions; the proposals presented by the Technical Representatives for the purposes mentioned in the proceeding paragraphs were to be made use of. It was recommended that the largest number of plans possible be presented, in view of the twofold purpose they would have to fulfill.

h) That the Secretariat should prepare a summarized statement of the number of provisional enrolments of contestants received, and of the countries which had undertaken to present exercises proposals, same to be sent for information purposes to all members of the Technical Committee.

6.- TECHNICAL INFORMATION ON THE ORGANIZATION OF THE TOKYO CONTEST.- Mr. Miyamori, Technical Representative for Japan, explained what steps had been taken by the Japanese National Committee towards preparing the installations, machinery, equipment and workshop fittings needed for carrying out test work at the 19th. International Apprentice Competition to be held in November 1970, in Tokyo.

He supplied each Mission with a document which constituted a statement of all measures adopted up to that moment.

He explained that the machinery to be used complied with the catalogues which he then showed to members, saying that more detailed information on it would be supplied.

As to workshop fittings and furniture, he said that its measurements and other characteristics were adapted to the European level, and that the contestants would experience no particular difficulty on those grounds.

Regarding the Metal Trades, it was suggested to him that it was desirable to prepare measuring instruments in accordance with the usage which had grown up recently at the Competitions. A number of recommendations were formulated, particularly regarding callipers for measuring perforations, cylindrical and conical surfaces, etc. For Turning, he was reminded of the need to have jawed chucks with three or four fixing points. For Milling, revolving clamps and dividing plates, with jawed chucks should be provided, seeing that if the machinery available was only vertical,provision should exist for carrying out work in different positions. For Constructional steel work, surface plates and blowpipe cutting equipment should be prepared. For Electric Welding, transformers and converter groups should be made available.

In relation to Foundry Moulding, it was agreed that at the Lisbon meeting the test work to be done by the contestants would be chosen, and that the Italian Mission would make four models in wood and send them to Japan, the whole cost of same to be the responsibility of the Japanese Mission.

In relation to Industrial Electronics and Radio & TV Repair, information would be sent out concerning apparatus and instruments for measuring, checking and fitting of the test work to be done.

On the statement handed out by Mr. Miyamori, sufficient thought incomplete data was given regarding preparatory steps taken, and it was agreed that he should send samples of the following materials to all member countries.

Types of plastic, copper and lead tubing of piping, with their interior and exterior measurements, percentages of tin alloy etc. to be used in Plumbing.

Different types of electric conductors to be used in House wiring and Industrial wiring.

Samples of stone used by masons, so as an idea of its hardness could be obtained.

Samples of the plaster that would be used.

It was requested that, if possible, samples of the different types of wood to be used in the trades in that branch should be sent.

Information on the properties of the gold to be used in the Jewellery trade was to be supplied.

Regarding the number of machines necessary, it was agreed that each Jury Chairman should send Mr. Miyamori a list of same and statement of the minimum number which should be available.

7.- REGULATION FORMS FOR TECHNICAL COMMITTEE USE.- The Secretary-General, Mr. Albert, handed members present a collection of forms which he proposed should be used at the next Competition. He had based his proposals on the forms used at the Brussels Competition, drawn up by Mr. Woerner, but somewhat modified in the light of experience gained at that Competition.

Members agreed to accept form number 1, which dealt with the proposing of test exercises to be done by the contestants. As to the remaining forms, seeing there was not sufficient time left to consider them, it was agreed that each Mission should send the Secretariat a statement of modifications it might think desirable.

There being then no further business to attend to, the Chairman declared the session closed, directing that these Minutes be drawn up, which I, the Secretary, certify as correct.

==========

	Trades		Technical Experts		Presidents of Jury
			Country	Name	
I	1	Fitting	Germany		Mr. Reeves (United Kingdom)
			Italy		
	2	Presstool making	Holland		
			Switzerland		
	3	Instrument making	Belgium		Mr. Bammer (Austria)
			Ireland		
	4	Watchmaking	Japan		
			Switzerland		
	5	Engineering drawing	Italy		Mr. Schürch (Switzerland)
			Portugal		
	6	Turning	Spain		Mr. Ghedini (Italy)
			Japan		
			Malta		
	7	Milling	Holland		
			United Kingdom		
II	8	Constructional st. w.	Germany		Mr. Miyamori (Japan)
			Holland		
	9	Gas welding	Korea		Mr. Schürch (Switzerland)
			Spain		
			United Kingdom		
	10	Electric welding	Japan		
			Portugal		
	11	Wood pattern making	Japan		Mr. Fang (Korea)
			Portugal		
	12	Foundry moulding	Spain		
			United Kingdom		
III	13	Panel beating	Germany		Mr. Palencia (Spain)
			Japan		
	14	Sheet metal work	Ireland		
			Portugal		
	15	Plumbing	Ireland		Mr. Walser (Liechtenstein)
			Luxemburg		
IV	16	Industrial elect.	Austria		Mr. Queiroz (Portugal)
			United Kingdom		
			Switzerland		
	17	TV & R. repairing	Spain		
			Italy		
			Japan		
V	18	House wiring	Korea		Mr. Raimondo (Malta)
			Spain		
	19	Industrial wiring	Germany		
			Portugal		
VI	20	Bricklaying	Germany		Mr. Walser (Liechtenstein)
			Switzerland		
	21	Stone cutting	Belgium		Mr. Schubert (Germany)
			Liechtenstein		
	22	Painting	Belgium		
			Ireland		
	23	Plasterwork	Ireland		
			Holland		
VII	24	Cabinet making	Austria		Mr. Power (Ireland)
			Switzerland		
	25		Luxemburg		
			United Kingdom		
	26	Carpentry	Korea		Mr. Mischo (Luxemburg)
			Holland		
VIII	27	Jewellery	United Kingdom		Mr. Homer (Holland)
			Switzerland		
	28	Tailoring	Belgium		
			Korea		
	29	Ladies' hairdress.	Germany		Mr. Vastiau (Belgium)
			Spain		
	30	Mens' hairdress.	Germany		
			Spain		

	TRADES	Germany	Austria	Belgium	Korea	Spain	Holland	Ireland	Italy	Japan	Liechtenstein	Luxembourg	Malta	Portugal	Unit. Kingdom	Switzerland	Total competitors	Total proposals
1	Fitting	XP	XP	XP	XP	XP	XP	XP	X	XP	X	XP	XP	XP	XP	XP	15	13
2	Presstool making	XP	X		X	XP	XP	X		XP	XP			X	XP	XP	11	7
3	Instrument making	XP			X	XP	X			XP	X				XP	XP	8	5
4	Watchmaking	XP			X	XP				XP				XP		XP	6	5
5	Engineering draw.	XP			XP	XP	XP	X	XP	XP	XP		X	XP	XP	XP	12	10
6	Turning	XP	P	X	XP	XP	XP	XP	XP	XP		XP	X	XP	XP	XP	13	12
7	Milling	XP			X	XP	XP	X	XP	XP				XP	XP	XP	10	8
8	Const. steel w.	XP		X	X	XP	XP	XP		XP			X	X	XP	XP	11	7
9	Gas welding	XP			XP	XP	XP	XP		XP				XP	XP	XP	9	9
10	Electric welding	XP			X	XP	XP	XP		XP				XP	XP	XP	9	9
11	Wood patt. mak.	XP			XP	XP	XP		XP	XP				XP	XP		8	8
12	Foundry moulding	P			X	XP	XP	X		XP				XP	XP		7	6
13	Panel beating	XP		X	X	XP	XP	X		XP						XP	8	5
14	Sheet met. work	XP			X	XP	XP	XP		XP				X	XP		8	6
15	Plumbing	XP		XP	XP	XP	XP	XP		XP		XP		X	XP	XP	11	10
16	Indust. electr.	XP	P		X	XP			X	XP	XP			XP	XP	XP	9	8
17	TV & R. repair	XP		X	XP	XP		X	X	XP				XP	XP		9	6
18	House wiring	XP		X	X	XP	XP	XP	X	XP	X	XP		XP	XP	X	13	8
19	Indust. wiring	XP		X	X	XP	XP	XP	X	XP				XP	XP	X	11	7
20	Bricklaying	XP		XP	X	XP	XP	X		XP		P			XP	XP	9	8
21	Stone cutting	XP		XP	X	P	XP			XP				X	XP		7	6
22	Painting	XP		X	X	XP	XP	XP		XP		X			XP	X	10	6
23	Plasterwork	XP	X	XP			XP	XP		XP				X	XP		8	6
24	Cabinet making	XP	P	X	XP	XP	XP	XP		XP			P	X	X	XP	10	9
25	Joinery	XP	X	X	XP	XP	XP	XP		XP		X		X	XP	XP	12	8
26	Carpentry	XP		XP	XP	X	XP	XP		XP					XP	X	9	7
27	Jewellery	X			X	XP	X	XP		XP				X	XP	XP	9	5
28	Tailoring	XP		XP	XP	XP	XP			XP							6	6
29	Ladies hairdres.	XP		XP	X	XP	XP	X		XP		XP				X	9	6
30	Men's hairdress.	XP		XP	X	XP	XP			XP							6	5
X = competitors		29	4	18	29	28	27	23	9	30	6	7	4	22	25	22	283	
P = proposals		29	4	9	11	28	25	15	4	30	3	6	2	13	24	17		220

MEETING OF THE ORGANIZING COUNCIL OF THE INTERNATIONAL APPRENTICE COMPETITIONS HELD IN GRANADA ON 6TH. & 7TH. NOVEMBER, 1969, AT THE CAJA DE AHORROS IN THAT CITY.-

- - - - -

In attendance:

Chairman
Mr. Palomares

Vice-Chairman
Mr. Ramos

Chairman of the Technical Committee
Mr. Woerner

Vice-Chairman of the Technical Committee
Mr. Hamer

Members

Dr. Cech
Dr. Schubert
Dr. Angeli
Mr. Bammer
Mr. Vlaemmink
Mr. Vastiau
Mr. Lee
Mr. Kang
Mr. Palencia
Mr. Laman Trip
Mr. Hamer
Mr. O'Flanagan
Mr. Power
Mr. Ghedini
Mr. Furuya
Mr. Miyamori
Mr. Seger
Mr. Glaesener
Mr. Chircop
Mr. Raimondo
Mr. D. Ferreira
Mr. V. Queiroz
Mr. Hill
Mr. Reeves
Mr. Müller
Mr. Schürch

Observers

Mr. Mousley
Mr. Slabbert
Mr. Gleeson

Secretariat
Mr. Albert
Mr. Capdepón

In the absence of Mr. Palomares, the session was opened by the Vice-Chairman, Mr. Ramos, who introduced the Director of the Caja de Ahorros (Savings Bank), Mr. Francisco Godino Vazquez, who had made it possible to hold the meeting in that place and whom Council was most anxious to thank for his help.

The Director of the Savings Bank replied that it was an honour for the entity of which he was Chairman to welcome the International Council of the Competitions. He felt that the Council had no call to express any thanks, as one of the aims of the Savings Bank was to collaborate with whatever national or international organizations required its help. He wished everyone attending the meeting a happy stay in Granada, and hoped that the work to be done would contribute to the better training of young people all over the world.

Mr. Ramos presented apologies from the Chairman for not attending that meeting, but said he would be present the following day. He welcomed Messrs. Moreeuw and Sablon, Chairman and Secretary-General of the Belgian National Committee for Training and Proficiency. A most cordial welcome was extended to Dr. Cech, who was once again taking part in Council's tasks, and regrets were expressed over the absence of Mr. Walser, who was still convalescing. Mr. Ishiguro, Director-General of the Department of Apprentice Training in the Japanese Ministry of Labour, and head of the Japanese Mission, was also welcomed, while regrets were expressed over the absence of Messrs. Malagodi and Mischo, Official and Technical Representatives for Italy and Luxemburg respectively. An observer from South Africa, Mr. Slabbert, was then introduced, and it was remarked what pleasure it gave to see the idea of the Competitions had reached such a distant country.

Finally, Mr. Ramos expressed his personal thanks, as well as those of Council, to the authorities of Granada for the many attentions which had been shown to all those who had come for the meeting.

Subsequently, it was put that the points set out on the Secretary-General's Agenda, be considered and the motion was accepted.

1.- Confirmation, if approved, of the Minutes of the Meeting of the Organizing Council in Brussels on 12th. July, 1969.-

Approved unanimously.

2.- Confirmation, if approved, of agreements reached by the Technical Committee at its meetings held on 4th, 5th and 6th November, 1969, in Granada.-

Unanimous approval to the contents of the Minutes, annexed hereto of the said meetings of the Technical Committee.

3.- Appointment of 1st. Vice-Chairman of the Competition, and of Chairman of the Technical Committee.-

Mr. Ramos proposed that a new Vice-Chairman be elected in place of the present one, Mr. Vlaemmink, in fulfilment of what is laid down in the By-laws. He asked the Japanese Mission to designate the person who should occupy this post. Mr. Furuya proposed Mr. Hayakawa and informed Council that from then on he would be acting as Official Representative from Japan at the Competitions. The proposal was accepted and the 1st Vice-Chairman was relieved of his post; at the same time, Mr. Ramos requested that record be made in the Minutes of Council's gratitude to Mr. Vlaemmink, Official Representative from Belgium, for so much excellent work done by him as Vice-Chairman - work which was responsible for the success of the Competition held the previous year in Brussels. This motion was approved unanimously. Mr. Vlaemmink thanked Council, saying how grateful he was for its assistance and especially for the generous help given by the Dutch and German Missions. He asked Mr. Furuya to give his best wishes to Mr. Hayakawa and to say how much he hoped his work would meet with every success. Finally, Mr. Furuya thanked those in attendance for agreeing to the appointment of Mr. Hayakawa.

Mr. Ramos then asked members to give their opinions on the election of the Chairman of the Technical Committee, who, as was well known, held his mandate for a year, although, and it was an exceptional case, Mr. Woerner had held the post for two years, having been re-elected after his first year of office.

Messrs. Palencia, Schürch, Schubert, Reeves, Miyamori, Vastiau, Kang and Müller proposed Mr. Woerner be re-elected, seeing that he still had not been able to complete his mission, in spite of a year's hard work. Nevertheless, and precisely for that reason, they agreed wholeheartedly that a Vice-Chairman be appointed to help him in his task and provide assistance and relief he sorely needed.

Mr. Dias Ferreira proposed Mr. Woerner be re-elected until after the Tokyo Competition and that a Vice-Chairman be appointed in the person of the Technical Representative for the country where the previous Competition had been held. The latter would automatically succeed to the Chairmanship at the end of Mr. Woerner's mandate. Mr. Dias Ferreira felt this would assure sequence and continuity and, at the same time, the future Chairman would bring to bear his experience gained as technical organizer of the immediately preceding Competition.

Dr. Schubert did not think the automatic nature of the solution suggested by Mr. Dias Ferreira was desirable, and considered the principle of free election was better. An animated debate took place on the advisability of this automatic succession and in view of the difference in opinions, Mr. Vastiau suggested that the question as to which of the two systems proposed was the more desirable should be put to the vote. By a majority of 10 votes to 5, it was decided that automatic succession to the Chairmanship was not desirable.

Subsequently, and also because agreement could not be reached, a vote was taken on the question of whether the Chairman should be appointed for a three-year period. By a majority of 10 votes to 5, it was decided the Chairman should be appointed for three years.

Mr. Ramos then summarized the different positions adopted in relation to the Chairmanship of the Technical Committee, and moved that the three following proposals be accepted.

1. That the appointment to the Chairmanship of the Technical Committee should be for a period of three years, not to be prorogued.

2. That the Chairman should be assisted in his task by a Vice-Chairman, elected freely.

3. That Mr. Woerner should terminate his three years of office, being re-elected once more so that the end of his mandate would coincide with that of the 19th. International Competition, in Tokyo.

These three proposals were accepted unanimously.

An animated discussion then arose as to whether the Chairman and Vice-Chairman could at the same time take posts as Chairmen of Juries. No unanimous agreement could be reached, but finally, the idea was approved that, though the Chairman of the Technical Committee could not take the chair on a Qualifying Jury, his Vice-Chairman would be able to, as there was no incompatibility between his two tasks. A further controversy arose concerning the duration of the Vice-Chairmanship of the Technical Committee, and as unanimous agreement was not possible, Mr. Ramos put the question to the vote. By 13 votes to 2, a duration of one year was approved.

When it came designating a person to occupy that post, the majority supported Mr. Hamer, Technical Representative for Holland, and it was agreed he should be appointed for one year.

Finally, it was agreed that a clause should be inserted in the Technical Committee By-Laws creating the post of Vice-Chairman of that Committee, and establishing the duration of his mandate and that of the Committee Chairman.

4.- Considerations on the age-limit for contestants.-

This point on the Agenda, and the following ones, were debated on 7th. November, when the chair was occupied by Mr. Palomares who opened the session by saying what pleasure it gave him that Granada should be host to Council, whose members he thanked for having accepted it as the venue of the meeting. Having apologised for his late arrival, he said how grateful he was to Messrs. Vlaemmink and Vastiau for their hospitality in Brussels, and congratulated Messrs. Woerner and Hamer on having been elected to their demanding posts. He greeted the Vice-Chairman, thanked the translators for their collaboration, and repeated his thanks to the authorities of Granada and the Savings Bank for their many attentions.

He greeted members of Council most cordially and relayed to them the good wishes of the Spanish Minister Secretary-General, with whom he had had an interview the previous day at which the present had been discussed.

The Chairman then referred to the next point on the Agenda, asking Mr. Albert to report on the existing rules and regulations concerning it.

Mr. Albert read out the following points:

1. The By-Laws decreed that no person was eligible as a contestant who had his twenty-first birthday during the year the Competition was held.

2. As an exceptional matter, this clause of the rules and regulations was infringed at the Berne and Brussels Competitions, either for ignorance of the article of the By-Saws in question, or because it was mistakenly interpreted. However, Council had authorized boys of more than twenty-one taking part in both Competitions.

3. At the meeting of the Organizing Council in Brussels, it was unanimously agreed there would be insistence of the fact that only those young people could take part in the Competition in Japan who were born in 1950 or before.

4. At that same meeting it was also agreed that for Competitions subsequent to the one in Japan, the maximum age-limit for contestants would be reconsidered at this present meeting.

Mr. Schürch reminded members that in Berne there were 46 contestants aged 21, and that in Brussels several countries had sent participants of the same age. He reported that the Council of Europe had created sections for 16 to 18 year-olds and for 19 to 21 year-olds taking courses in apprentice training; he added that in his opinion, if we were not generous on the question of age, we would always be having recourse to the making of exceptions, especially in certain trades which, because of their difficulty, require apprentices to spend more time studying and passing examinations. Finally, he proposed that the age-limit for contestants should be raised to 21 years after the Japan Competition.

Dr. Schubert seconded that proposal, as he felt the suggested solution would raise the standard of the Competitions, which were becoming more and more demanding and difficult. Mr. Ramos requested the question of age be considered as from 1972, because the international Competitions had already been convened for 1971 in Spain for contestants of maximum age 20. Mr. Palencia supported this view. Messrs. Lee and Ghedini were of the same opinion as well, and Mr. Glaesener thought it desirable to keep the age-limit at 20 except in the case of Electronics which, because of the difficulties they presented, justified the acceptance of contestants aged 21.

Mr. Palomares proposed that the spirit of the By-Laws be observed to the letter in the attempt to resolve the dissent regarding the age-limit. He reminded Council that in order to alter any clause of the By-Laws, it was necessary to present a petition signed by one

third of the member countries, and that to rectify the By-Laws it was necessary to obtain the consent of three quarters of member countries.

A document was then presented petitioning for the rectification of the By-Laws which fixed the age-limit at 20 years; same was signed by Germany, Japan Holland, Liechtenstein, Switzerland, Korea, Austria, Luxemburg and Belgium. The petition was admitted and, in accordance with the rules and regulations, the question was at once submitted to the vote, whether the age-limit should be raised to 21 years - for which course of action, again in accordance with the rules and regulations, it was necessary to secure the affirmative vote of two-thirds of the member countries. The same countries which had presented the petition voted favourably, but as they were only nine, it was agreed to maintain the age-limit at 20 years at Competitions following the one in Japan; to secure approval for the petition presented, it would have been necessary to obtain the favourable votes of eleven countries.

5.- Study of the final programme for the Tokyo Contest.-

Prior to the study of this point on the Agenda, the Japanese Mission had distributed a printed programme of the Competition in Japan, as well as a proposal for the convening of a seminar on apprentice training in Japan, for the benefit of Council members and guests who might be interested in attending same during the 19th. Competition. The text of these documents is to be found in appendices 1 & 2 to these Minutes.

These documents having been read, a series of questions were formulated which the Japanese Mission was unable to answer, as it was necessary to have a prior consultation with the Japanese Organizing Committee; for that reason, it was suggested that the Secretary-General should arrange to have conversations with the Japanese Mission, so that the latter could reply in writing to concrete questions formulated by other Missions.

All members of Council were latter furnished with a document prepared by the Secretariat-General embodying the results of those conversations. This document is to be found in appendix 3 to these Minutes.

Subsequently, the documents mentioned were rectified, with the approval of the Japanese Mission, in relation to the following points:

1.- The Japanese Mission agreed that those attending the seminar, namely the Chairman, Vice-Chairman, Secretariat-General, Official and Technical Representatives, Experts and guests, should arrive in Japan on 1st. November. Cost of board and lodging would be the responsibility of those interested from 1st. to 3rd. November inclusive. As from 4th. November, and up till the end of the Competition, those costs would be the responsibility of the Japanese Organizing Committee, as far as the following were concerned: Chairman, Vice-Chairman, Secretariat, Official Representatives, Technical Representatives, Experts, Heads of Groups and contestants.

2.- The first flight for the abovementioned persons would leave from Paris on 1st. November.

3.- On 5th. November, one plane leaving from Paris and the

other from London would transport remaining persons, arriving in Tokyo on 6th. November.

4.- The Secretariat-General would coordinate plans and decide, in conjunction with member countries, which persons would travel on which dates from which of the two airports.

5.- The cost of the charter-flight ticket for the round-trip would not exceed 600 dollars, provided at least 110 seats were occupied on the outward flight and at least 117 on the return flight. Should 130 seats be occupied, the cost would be reduced. In any case, the Japanese Mission would contribute 50% of the cost of the tickets.

6.- Before 15th. December, if possible, member countries should inform the Secretariat-General of the final and definitive number of persons who would be attending the Competition in Japan, such number to remain unchanged subsequently. During the month of February, the Japanese Mission would let all member countries know the final cost of the flight, the manner of payment, and the currency to be used.

7.- Official and Technical Representatives, Experts, Heads of groups and contestants would pay a maximum of 300 dollars for the round-trip ticket on the charter-flights, while persons travelling as guests or observers would pay a maximum of 600 dollars if they used those flights.

8.- The Japanese Mission will only provide medical and health services in the case of slight accidents and sickness. In other cases, expenses shall be the responsibility of the persons concerned.

9.- Luggage and Tools: Each participant travelling on a charter-flight shall be allowed a maximum of 30 kilos for luggage and tools. Excess weight charges shall be paid by the participant himself, and not by the Japanese Committee.

There was no objection to luggage and tools being organised, for weighing purposes, in lots as per group of travellers, in order to compensate possible cases of excess weight.

Should any country wish to transport tools and equipment by sea, they must bear in mind that this method of transport usually takes approximately three months.

Excess weight charges are: 2.2 dollars for each additional kilo up to 10 kilos. If the excess exceeds 10 kilos, the charge is reduced, though, at this moment, no information can be given as regards the price.

6.- Possibility of Nationalist China taking part in the Tokyo Competition.-

Mr. Palomares reminded members that there was a petition signed by the Chinese Government in Taipei requesting admittance of that Country to the Competitions, or, should that not be possible for the moment, leave to participate in the 19th. Competition in Tokyo. He asked members to express their opinions on the two aspects of the petition. Messrs. Miyamori and Lee, Technical and Official Representatives for Japan and Korea respectively, requested that Nationalist China be admitted as a fully fledged member of the International Apprentice

Competitions, in view of the absolutely international nature of our activities. It was Mr. Laman Trip's opinion, however, that in the terms of the constitution, the Competitions were primarily a European activity, and that the constitution limited the admittance of non-European countries till those not yet admitted had formalized their inscription.

The article Mr. Laman Trip referred to reads thus: "The International Apprentice Competitions are an activity constituted on a European basis. However, Countries outside Europe may be admitted, provided always that the Technical organization of the Competitions is not prejudiced". He considered that, as an exceptional matter, Nationalist China could take part in the Tokyo Competition on a basis of total equality with other countries, the Chinese contestants receiving whatever prizes were awarded to them. He recalled a proposal of his made to Council some years before in which he put it that Competitions should be organized on an intercontinental basis, and that every 3 or 4 years, a type of Competition-Olympiad should be convened, in which champions from the different Continents would take part. In view of what he felt to be undoubted interest of his suggestion, he requested a Commission be named to study the future of the Competitions on the basis expounded. Mr. Hill, Official Representative for the United Kingdom, seconded Mr. Laman Trip's motion.

Messrs. O'Flanagan and Dias Ferreira agreed heartily with Mr. Laman Trip's ideas, as did Mr. Seger, Hamer and Vastiau. They agreed that Nationalist China should not become a member of the Competitions, but that that would not be an obstacle to its taking part in the Tokyo Contest as an exceptional case, and on an equal basis with the other Countries.

In view of the unanimity of opinions, the Chairman moved the following proposal, with the request that it be passed by Council: That Nationalist China take part in the Competition in Japan as a matter out of the ordinary course of events, sending contestants for the trades it thought fit - the contestants being accompanied by experts and Official and Technical Representatives who would be able to move freely through the workshops without being attached to any one in particular, but who would have no right to vote, as that was a privilege reserved specially for member countries.

Medals which might be earned by the Chinese contestants would be awarded to them, though this would not suppose any limitation regarding those which might be earned by contestants from member countries.

The Chairman's motion was approved unanimously.

Concerning Mr. Laman Trip's proposal on the future of the Competitions, the Chairman moved that each member country should supply the Secretariat-General with a study on the question of the most desirable form for future Competitions to take. Once member countries opinions were received, a Committee would be created to consider the different proposals, and in due course, to present for debate in a full session of Council, a project or plan embodying the future of our activity. This was given up to October, 1970. At the meeting of the Organizing

Council in Japan, a Committee would be appointed to study proposals presented and formulate a composite project, which would then be discussed in full session at the next meeting of the Organizing Council.

9.- Final form of the Work Manual for the Competitions.-

As was promised, the Secretariat-General presented a model of the Competition Work Manual in four languages, which was then examined by all Missions. The only objection on the projected form of the hand-book came from Mr. Palencia, who suggested the addition of a four-language dictionary supplement to include the commonest technical words in each trade.

The suggestion met with unanimous approval, and the Secretariat-General was instructed to go ahead with the editing of the Work Manual in four languages, so that it could be used at the Competition in Japan.

10.- Competition Medal.-

The Secretariat-General had previously sent a draft set of By-Laws to govern the awarding of the Competition Medal, and at this full session it presented several models of medals provided by the United Kingdom and Spanish Missions. Mr. Ramos requested that consideration of the By-Laws and the final choice of a design for the medal be left to the Committee which was to be appointed to study the question of the future of the Competitions. In the meantime, the Secretariat-General could send copies of the designs presented, plus any others that might be prepared in the future, to all the Missions so that they could express their opinions on the most appropriate and meaningful design.

Mr. Ramos' motion was passed unanimously.

The Chairman, in view of the lateness of the hour, closed the meeting, saying again how grateful Council was to the authorities of Granada and the Caja de Ahorros for their valuable help, which had made it possible to hold the meeting in their city.

And as there was then no further business, the Chairman rose and directed that proceedings of the session be recorded in these Minutes, which I, the Secretary, certify as correct.

APPENDIX Nº 1

PROGRAMME FOR THE 19TH. INTERNATIONAL APPRENTICE COMPETITION, IN TOKYO. 1970

Monday, 2nd. November.

Arrival of those taking part in the Seminar.

Tuesday, 3rd. November.

Meeting of the Seminar. General matters relating to the Apprentice Competition in Japan.

Wednesday, 4th. November.

Meeting of the Seminar. Various matters. Visit to Apprentice Training Institutes.
Arrival of the Presidential and Vicepresidential parties. Technical Representatives and Experts.
Reception given by the President of the Japanese National Committee.

Thursday, 5th. November.

Meeting and work for the Technical Committee.

Friday, 6th. November.

Technical Committee continues with its tasks.
Arrival of the Official Representatives, Observers, Heads of groups, Contestants and guests.
Reception given by the President of the Japanese National Committee.

Saturday, 7th. November.

Technical Committee continues with its tasks.
Reception given by the Wife of the President of the Japanese National Committee.

Sunday, 8th. November.

Excursion.
Party for Contestants.

Monday, 9th. November.

Meeting of the Technical Committee. Meeting of the Organizing Council.

Tuesday, 10th. November.

Opening ceremony.
Preliminary inspection of the workshops.
Reception given by the Minister of Labour.

Wednesday, 11th. November.

Competition work begins.

Thursday, 12th. November.

Competition work continues.
Reception given by the Governor and Prefecture of China.

Friday, 13th. November.

Competition work continues.

Saturday, 14th. November.

Competition work finishes.
Marking.
Party for the Contestants, given by the President of the Prefecture of China.

Sunday, 15th. November.

Free.

Monday, 16th. November.

Marking.
Sight-seeing excursions for the Contestants, in Tokyo.

Tuesday, 17th. November.

Final marking results.
Meeting of the Technical Committee.
Meeting of the Organizing Council.
Sight-seeing excursions for the Contestants.

Wednesday, 18th. November.

Excursions for all those taking part in the Competition.

Thursday, 19th. November.

Closing ceremony.
Farewell party.
Return to home countries.

========

APPENDIX Nº 2

SEMINAR ON "JAPANESE APPRENTICE TRAINING" FOR MEMBER COUNTRIES AND GUESTS ATTENDING THE 19TH. INTERNATIONAL APPRENTICE COMPETITION.-

1. Purpose : This seminar has been organized for Apprentice Training specialists - for example, members of the Council and guests from member countries attending the 19th. International Apprentice Competition - at the request of the Representatives for Germany and Holland.

2. Duration : The two days (3rd. and 4th. November) prior to the opening of the 19th. Competition.

3. Place : The Meeting place will be as near as possible to the Hotel. For the convenience of those attending.

4. Subjects :
   1) Description of the Japanese Secondry School Education System.
   2) Japanese Apprentice Training System.
   3) Qualifying tests in each trade.
   4) Japanese system of selecting contestants for the International Competition.
   5) Visits to Apprentice Training Centres. (Groups to be organized in accordance with the interests of those attending)
      A) Apprentice Training Colleges.
      B) Official Apprentice Training.
      C) Company Apprentice Training.

5. Speakers : Specialists from the Department of Apprentice Training, primary and secondry schools of the Ministry of Education, Japanese industry, and Apprentice Training Associations.

6. Method : Papers will be given in Japanese, with interpretation in English.

7. Materials :
   1) Explanatory notes on the Japanese Apprentice Training system.
   2) Explanatory notes on the qualifying tests used in the Japanese system.
   3) Explanatory notes on the system in use in Japan to select contestants for the International Competition.
   4) Survey of Apprentice Training and of Industry published by the Japanese Industrial Association.
   5) Pamphlets on establishments to be visited.

8. Programme :

Tuesday, 3rd. November.

9 a.m. - noon: Description of the Japanese Secondry School Educational system.

1 p.m. - 6 p.m. The seminar continues.
Explanation of the official Japanese system of trade qualifying tests.
Explanation of the Japanese system of selecting contestants for the International Competition.

Wednesday, 4th. November.

9 a.m. noon: Leave Hotel.
10 a.m. noon: Visits to Institutes.
1 p.m. 5p.m. "Management".
6 p.m. Return to Hotel.

9. Notes :

1) Tuesday, 3rd. November.

If it is desired, a further session can be arranged for supplementary explanations.
8 p.m. - 9 p.m.

2) Wednesday, 4th. November.

The schedule is provisional.

10. The organizing Country requests :

That when attending this seminar, please bring with you 2 copies of Apprentice Training material regarding your own country (laws, rules and regulations, explanatory data, etc.)

==========

APPENDIX Nº 3

RESULTS OF THE CONVERSATIONS BETWEEN THE INTERNATIONAL SECRETARIAT AND THE JAPANESE MISSION, REPORTED TO THE ORGANIZING COUNCIL ON 7TH NOVEMBER 1969, IN GRANADA.-

========

1. The Japanese Mission will study the proposal that all those taking part in the Competition should arrive in Tokyo on 4th. November. It will do its best to meet this proposal satisfactorily, but can give no undertaking it will be able to.

   If the proposal were met, it would make it easier to organize groups for the charter flights.

2. There will be approximately 380 persons <u>from European countries</u> attending the Tokyo Congress.

   On that basis the following flights could be organized:

   a) One plane leaving from London.
   b) Two planes leaving from Paris.

3. The International Secretariat will see to forming groups and allotting seats on the flight from London and the two from Paris.

4. So that the maximum cost of the round-trip ticket shall not go above $600 per person, it will be necessary that each plane carry a minimum of

   110 persons on the outward journey.
   117 persons on the return journey.

5. In order to organize the groups, the International Secretariat will need to know by December 15th., the exact number of persons who will be going to Japan. That number should not subsequently be changed.

6. The maximum cost of the round-trip ticket from either London or Paris will be $300 per person for: Official Representatives, Technical Representatives, Technical Experts, Heads of groups and Contestants.

   Other persons shall pay a maximum of $600, if they take the charter flights.

7. If the different Missions can carry out the instructions given in paragraph 5 punctually, the Japanese Mission undertakes to advise, as early as February, the final cost of the journey, the form of payment, and in which currency.

   Both the currency and the form of payment depend on the air company, which organizes the flights. These questions will be decided in February.

8. As many guests as is wished may be invited to Tokyo, although their number must be known before December 15th. Their being allotted seats on the charter flights will depend on whether room is left over on the three planes.

9. As to medical and health services for participants in the Competition, the Japanese Mission will take on the responsibility for any slight or brief accident or sickness.

In other cases, the expenses incurred shall be the responsibility of the persons concerned.

THE SECRETARY GENERAL

Francisco Albert Vidal

MINUTES OF THE MEETING OF THE TECHNICAL COMMITTEE HELD IN LISBON (PORTUGAL) ON 16TH, 17TH. & 18TH. APRIL, 1970.

In attendance

President Technical Committee

Mr. Woerner

Vice-President Technical Committee

Mr. Hamer

Technical Representatives

Dr. Schubert
Mr. Bammer
Mr. Vastiau
Mr. Kang
Mr. Palencia
Mr. Power
Mr. Ghedini
Mr. Miyamori
Mr. Walser
Mr. Leitao
Mr. Reeves
Mr. Schürch

Official Representatives

Mr. Cech
Mr. Vlaemmink
Mr. Lee
Mr. Laman Trip
Mr. Furuya
Mr. Dias Ferreira

Observer from the Republic of China

Mr. Liu

Secretariat-General

Mr. Albert
Mr. Capdepón
Mr. Martinez

At 9 a.m. on 16th. April, the meetings began, presided over by the President of the Technical Committee, Mr. Woerner. At the first session, Mr. Arqº.Hello Raposo, representing the National Committee of Mocidade Portuguesa, welcomed those present and expressed his desire that the Competitions should contribute to the improved training of young people and to a better understanding between countries. He closed his short speech by wishing everyone present a happy stay in Lisbon.

Mr. Woerner, on behalf of those attending, thanked Mr. Hello Raposo for having made this meeting in Lisbon possible. He recalled the days spent there during the XIII International Competition, and drew attention to the contribution made by Portugal to the Competitions, particularly as it was the first country to support the idea of the Competition, born in Spain.

In closing, he expressed his wish and certainty that the Lisbon Meeting would contribute to the attainment of the ends embodied in that idea.

Mr. Dias Ferreira then introduced Mr. Pedro Franco, Director of the Portuguese National Competitions, and reported that Mr. Vilar Queiroz had been appointed to an impoertant position in Mozambique, and would be replaced by Mr. Aristides Atunes Leitao, an aeronautics engineer, who would in future be the Technical Representative for Portugal at the Competitions. He went on to say that he himself, being an Official Representative, was not familiar with all the details of the workings of the Technical Committee, and that Mr. Leitao was in the same position, as this was the first time he was exercising his commission. For these reasons, he wished to apologize beforehand, although he hoped that with the help of the Portuguese experts who accompanied them they would be able to make up for the absence of Mr. Vilar Queiroz.

Mr. Woerner then extended his personal greetings to the Technical Committee, and said he was delighted to see such a full attendance of Technical and Official Representatives, no doubt occasioned by the importance of the matters to be raised at the meetings. In his own name, and on behalf of everyone present, he greeted and welcomed Mr. Cheng Chen Liu, Technical Representative for the Republic of China at the 19th. International Competition. He then moved that a telegramme be sent to Mr. Vilar Queiroz, something which was unanimously approved. Finally, he wished Mr. Leitao every success in his new post and, on everyone's behalf, offered him a most cordial welcome.

Review of the technical aspects of each one of the trades included in the Competition as provided for by the Japanese Mission.

After perusal of the document presented by the Japanese Mission, in which details of the technical provisions made for each trade concerned were given, the following series of complementary measurements and other particulars were added:

FITTING: The candidates should be provided with perfectly mechanized material, within approximately 0.3 to 0.5 mm. of the nominal dimensions; as well, 3 or 4 mechanical lathes should be available in the workshop.

PRESSTOOL MAKING: 3 cutting machines and 4 planes will be needed in the workshop. Implements should be tempered with oxy-gas flame.

INSTRUMENT MAKING: Machinery for this trade should be of small dimensions, and the following should be available: 8 lathes, 4 cutters and 4 drills.

TURNING: After studying the minimal needs re. shaft bores, it was decided that 6 sets of H7 - f7 would be required for diameters 25-30-35-40-45-50-55-60 and 65 mm.

MILLING: Seeing that the Japanese Mission had intended to provide only vertical cutters, it was agreed that candidates should also dispose of at least two universal cutters with dividing plate, graduated clamps, etc. As at previous Competitions, it was agreed to prohibit the use of multiple cutters of blade carriers.

CONSTRUCTIONAL STEEL WORK: The Japanese Mission will forward statements of soldering equipment and electrode characteristics. Contestants may use electrodes they bring with them. The fittings planned for should be augmented with a forge and a mechanical metal-saw.

GAS WELDING: Agreed that contestants may bring their own blowers though the Japanese Mission is to supply the equipment for any who do not do so. A pressure tank of up to 300 atmospheres is to be available.

ELECTRIC WELDING: Besides a transformer for each contestant, a converter group should be supplied for each two contestants. All participants are to be provided with protective equipment (gloves, leggings, helmet, etc.).

FOUNDRY MOULDING: Ratification of the agreement reached at the Granada meetings that the Italian Mission is to make the models from which the Committee will choose, sending them to Tokyo by whatever means best suit the Japanese Mission. The models should preferably be made in aluminium, and if that were not possible, then in best quality wood.

PANEL BEATING: Once it is known what exercise is to be done, the candidates are to be provided with wooden blocks of appropriate shape. Machinery planned for is to be augmented with 3 drills. The thickness of the metal sheet to be used should not exceed 1 mm.

SHEET METAL WORK: The thickness of the metal sheet will be 1.5 mm.

PLUMBING: The zinc or galvanized metal sheet used will be 0.5 mm. The machinery and tools planned for will be augmented with a portable electric drill, hand saws and parallel vices.

INDUSTRIAL ELECTRONICS: The measuring instruments planned for should be augmented with a polymeter. Frames should be provided already constructed.

RADIO & TV: Each candidate is to be supplied with a mirror approximately 40 x 30 cms., and frames are to be provided already constructed.

HOUSE WIRING: The cabins are to be of wood. Work-benches will be provided with parallel vices. Samples of the different conductors and their colours will be forwarded.

INDUSTRIAL WIRING: The exercise is to be carried out on a metal sheet from 1 to 5 mm. thick, having a metal frame to support it.

BRICKLAYING: The mortar for joining bricks will be of lime and sand.

STONE CUTTING: Contestants will be provided with a stone block the dimensions of which should resemble and be close to the actual size of the exercise work, so as to avoid as much trimming as possible.

PAINTING: Exercise work is to be carried out on two wooden boards about 15 mm. thick joined at an angle of 90 degrees. As this trade has not been defined in the same way as the

others, and until definite agreement is reached on the different points its definition must cover, the criterion to be observed is that exercise work should show a clearly industrial character, as far removed as possible from artistic interpretation. Work should be orientated as at previous Competitions, though the criterion mentioned is to be borne in mind. If contestants wish to, they may use spray-guns to apply the paint.

TAILORING: As well as electric sewing machines, 2 pedal machines are to be available.

WATCH-MAKING: The equipment planned for should be augmented with electronic apparatus.

JEWELLERY: To avoid confusion in setting up the workshop, it was agreed Mr. Reeves would send the Japanese Mission a detailed study of how it would best be arranged, and the equipment that should be made available.

WOMEN'S HAIRDRESSING: Regarding the quality of hair of the live models, it was agreed that the Japanese Mission was to contract either European or American girls. Mr. Miyamori will forward all Missions a full list of the equipment, etc. it is intended to make available. Each candidate will dispose of two live models on whom to carry out the test work, and a dummy for practice purposes.

MEN'S HAIRDRESSING: Each candidate will dispose of two live models and a dummy for practice purposes.

Selection of exercise proposals.

Mr. Woerner recommended that the number of exercise proposals selected should not be less than three, and that all of them should manifest a high quality and be "industrially valid or applicable" so as to implement the motion opportunely put by Mr. Reeves, Technical Representative for the United Kingdom. At that point Mr. Palencia, Technical Representative for Spain, intervened. He did not agree with the system proposed as, in his view, it might become impossible for secrecy to be kept regarding the exercises to be set for the Competition if the basis of the procedure was to decide for one of 3 proposals already chosen and well-known. Such a situation had never existed so far, or at least not until a few moments prior to the beginning of the Competition itself.

Mr. Woerner thought the decision to select 3 proposals for the Competition in Japan was justified, firstly because the procedure had been decided upon in Granada, and secondly because in that way the high standard of the exercises to be carried out would be assured. As to the supposed possible breaking of the secrecy surrounding the exercises to be done if the procedure agreed upon in Granada were followed, Messrs. Reeves, Hamer, Schürch and Schubert felt a prior selection would in no

way prejudice the question of secrecy, seeing that there would be no means of knowing, until just before the Competition, which proposal had been selected. Furthermore, they considered no one's memory was capable of retaining a minimum of at least 90 drawings, all different. Mr. Palencia persisted in his point of view, already made plain in Granada, and requested his dissent be recorded in the Minutes. Mr. Woerner, considering the majority opinion of the Technical Committee, decided to proceed to the selection of a minimum of 3 exercises per trade from among which 1 would finally be chosen in Japan. Two Commissions were appointed to make the selection. The first, presided over by Mr. Woerner and made up of Messrs. Bammer, Kang, Palencia, Liu, Ghedini, Reeves, Schürch and Miyamori, selected for the following trades: Fitting, Presstool Making, Instrument Making, Watch-making, Engineering Drawing, Turning, Milling, Constructional Steel Work, Gas Welding, Electric Welding, Woodpattern Making, Foundry Moulding, Panel Beating, Sheet Metal Work and Plumbing. The second Commission, presided over by Mr. Hamer and made up of Messrs. Vastiau, Power, Leitao, Schubert and Walser, selected for the following trades: Industrial Electronics, Radio & TV Repair, House Wiring, Industrial Wiring, Brick-laying, Stone Cutting, Painting, Plaster Work, Cabinet Making, Joinery, Jewellery, Carpentry, Tailoring, Men's and Women's Hairdressing.

The results of the selection were as follows:

Proposals selected from among those presented by member countries

FITTING:	Japan, Portugal, Spain.
PRESSTOOL MAKING:	Spain, Japan, Germany, Liechtenstein, United Kingdom.
INSTRUMENT MAKING:	Germany, Holland, Switzerland, Spain, United Kingdom.
WATCH-MAKING:	Germany, Switzerland, Japan.
ENGINEERING DRAWING:	Japan, Liechtenstein, Italy, United Kingdom, Germany, Portugal.
TURNING:	Germany, Italy, Portugal, Holland, Switzerland, Spain, Japan, Korea, United Kingdom.
MILLING:	Germany, Italy, Portugal, Spain, United Kingdom, Japan, Switzerland.
CONSTRUCTIONAL STEEL WORK:	Holland, Germany, Switzerland, Japan, United Kingdom.
GAS WELDING:	Korea, Germany, Spain, Switzerland, Portugal, United Kingdom.
ELECTRIC WELDING:	Japan, Spain, United Kingdom, Germany, Portugal, Ireland, Switzerland.
WOODPATTERN MAKING:	Italy, Spain, Japan, United Kingdom.
FOUNDRY MOULDING:	United Kingdom, Portugal.
PANEL BEATING:	Germany, Spain, Japan.
SHEET METAL WORK:	Japan, Portugal, Ireland, Holland, United Kingdom.
PLUMBING:	Germany, Korea, Spain, Holland, Japan, Ireland, Switzerland, United Kingdom.

INDUSTRIAL ELECTRONICS:	Austria, Japan, Liechtenstein, Portugal, United Kingdom, Switzerland.
RADIO & TV REPAIR:	Germany, Japan, Korea, Portugal, Switzerland.
HOUSE WIRING:	Germany, Spain, Ireland, Japan (2), Portugal, United Kingdom, Switzerland.
INDUSTRIAL WIRING:	Germany, Spain, Ireland, Japan (3), Portugal, United Kingdom.
BRICK-LAYING:	Germany, Holland, Japan, United Kingdom, Switzerland.
STONE CUTTING:	Germany, Belgium, Holland, Japan, United Kingdom.
PAINTING:	Germany, Holland, Ireland, United Kingdom.
PLASTER WORK:	Germany, Holland (2), Ireland, Japan, United Kingdom.
CABINET MAKING:	Germany (2), Austria, Korea, Holland,(2) Ireland, Japan, Switzerland.
JOINERY:	Germany (2), Holland (2), Japan, United Kingdom, Switzerland.
CARPENTRY:	Germany, Holland, Ireland, Japan, United Kingdom, Switzerland.
JEWELLERY:	Spain, Ireland, United Kingdom, Switzerland.
TAILORING:	Germany, Korea, Holland, Japan.
WOMEN'S HAIRDRESSING:	Germany, Japan.
MEN'S HAIRDRESSING:	Germany, Japan.

On seeing the above list, Mr. Palencia expressed his disagreement with the fact that in the second Commission, presided over by Mr. Hamer, for some trades two proposals had been selected from the same country, while in the first Commission notice had been given beforehand that only one proposal was to be chosen from among those presented by any one country. He then requested that the proposals for each trade be read out, together with the names of the countries making them, indicating as to which were selected, and why the others were rejected. Mr. Woerner only explained the system used for Fitting, judging that as time was short there was no need to give detailed information in each trade regarding the points that interested Mr. Palencia.

Once the proposals were selected, Mr. Woerner said how gratifying it was to see so many and such excellent proposals presented, but he pointed out that on some plans certain complementary details were lacking which ought to have been included. He maintained that the system introduced in Lisbon was a good one which might very well provide the basis on which exercises would be selected in future.

Mr. Vastiau asked if this meant that in relation to future Competitions a prior meeting of the Technical Committee would be necessary to choose the proposals. Mr. Woerner replied that this matter could be raised at the next meeting of the Organizing Council

Mr. Albert drew the meeting's attention to the fact he had noticed that the plans chosen lacked an accompanying statement of materials required; he requested these be sent direct to Japan. Some vegetable paper copies were also lacking, in relation to which he made the same request. Regarding the marking schedules, he said it was difficult to translate them into 10 languages and suggested the Secretariat have them printed, after which they could be corrected by the respective countries - the markings corresponding to each concept to be omittes from these schedules.

He added that if the statements of materials were handed to the Japanese Mission, they would serve as a guide in the provision of materials adequate to meet the demands of any exercise proposals for the 19th. Competition need be presented, as these already in hand provided sufficient material for a good selection.

Review of the forms needed to regulate the progress of the Competition in Japan.

Each of the forms to be filled in before, during and after the exercise work was read out and explained. Once it was clear the explanation had been adequate, members in attendance were perfectly certain as to the procedure to be followed when filling in these forms.

With regard to form 4 (c), it was agreed the contestant need not be told which were the primary and which the secondary dimensions, as he ought to be obliged to tax his knowledge and skill to the full to obtain the best possible overall quality in his work. In cases where the drawings stated tolerances, it would be unnecessary to indicate the dimensions referred to above. However, the Qualifying Jury, so as to apply a determined criterion, must establish which dimensions it would consider fundamental and which secondary in importance, and allow the corresponding marks or evaluation.

Report from the Japanese Mission on the organization of the 19th. International Competition.

1st. November, 1970, one plane will depart from Amsterdam, stopping in Copenhagen, to arrive in Tokyo on 2nd. November. The following will travel on this flight: Technical Representatives, Technical Experts, Secretariat-General staff, and the team of translators and interpreters. Official Representatives and Official Observers may also take this flight should they wish to do so.

5th. November, there will be two charter flights, nos. 422 and 434. Flight 422 will travel Paris-London-Tokyo. Flight 434 will travel Frankfurt-Hamburg-Tokyo. Both will arrive in Tokyo on 6th. November. The following will travel on these flights: contestants, Heads of Group (only one for each country - and no exceptions), and Official Representatives and Official Observers who did not take the flight on 1st. November.

The Secretariat-General is to be responsible for the distribution of seats on the flights, bearing in mind the regulations

normally applying in these cases.

Seats on any of the three flights not occupied by the persons mentioned above may be allotted to private observers, guests or Representatives' wives. The Secretariat-General is to allot a fair proportion of these seats to each country.

The return journey to Europe will be organized as follows: On 19th. November, all these persons who made the outward journey on flight no. 402 (departing from Amsterdam on 1st. November) are to take charter flight no. 401. On 20th. November, persons who made the outward journey on flights 422 and 434 will take flights nos. 421 and 433 respectively. A reminder is given that the departure of flight no. 421 from Tokyo may be delayed till 21st. November, though the Japanese Mission has promised to do all it can to avoid this.

PAYMENT FOR THE FLIGHTS.

Official Representatives, Technical Representatives, Heads of Group and contestants are to deposit the sum of $300 each in a bank to be indicated by the Japanese Mission. The deposit is to be made before 30th. September, and will represent a provisional advance amounting to half the cost of the flight. Each country is to make a global deposit.

Official Observers, private observers, guests and wives, once they have been allotted a seat, are to deposit a sum of $600 each under the same conditions.

The Japanese Mission will pay the differences resulting from any lowering of flight costs to the Official Representatives during their stay in Tokyo. In addition, differences in flight costs sustained by official participants in the Competition as a result of their plane departing from Amsterdam instead of Paris (as originally promised by the Japanese Mission) will be refunded.

SEMINAR.

The seminar on "Apprentice Training in Japan" organized at the request of several countries will take place on 5th. and 6th. November. Everyone attending the seminar will be responsible for his own accommodation expenses for those days.

During the course of the Competition, possibly on 12th. and 13th. November (though these dates are provisional), the Japanese Mission will organize special visits to companies and apprentice training centres so that anyone unable to attend the seminar will have an opportunity to see something of vocational training in Japan.

ACCOMMODATION.

Everyone attending the Competition in an official capacity, as well as private observers, guests and wives, will be given accommodation at the Hotel TAICHI in Tokyo. Contestants will be lodged in Chiba.

Persons whose accommodation expenses will not be the responsibility of the Japanese Mission (official and private observers, guests and wives) will have the benefit of a reduction in hotel prices. The price of a double room is to be $11.65 and that of a single room $8.56. These prices do not cover meals.

People attending the Competition in an official capacity, whose accommodation expenses are to be met by the Japanese Mission, will be responsible for their own extra or personal expenses incurred in the hotel.

FREIGHT. TRANSPORT.

The cost of freighting tools and other implements belonging to participants in the Competition will not be the responsibility of the Japanese Mission.

However, the Japanese Mission will be responsible for cost of transport between the airport and Tokyo or Chiba (and vice-versa for the return to Europe), as well as for the cost of daily transport of all the participants between Tokyo and Chiba, always on condition that the means provided are used.

VISITS AND SIGHTSEEING.

Everyone attending the Competition may take part in the sightseeing excursions, visits and other activities organized by the Japanese Mission, on prior personal invitation, without their having to pay anything in respect of the cost of transport of meals.

FINAL DATES FOR THE COMPETITION (Literal translation).

HELD under the auspices of the Organizing Council of the International Apprentice Competitions.

ORGANIZING COUNTRY: Japan.

HOST ORGANIZATION: Japanese Organizing Committee for the International Apprentice Competitions.

PERIOD: From 3rd. to 19th. November, 1970.

PLACE: Ceremonies: BUDOKAN (TOKYO).
Activities: CENTRAL TRADE CENTRE (CHIBA).

ACCOMMODATION FOR OFFICIALS, ETC: A tokyo Hotel.

ACCOMMODATION FOR CONTESTANTS: Chiba Youth Club and Lodge at the Central Trade Centre.

STANDARD OF THE COMPETITION: The same, at least, as recent Competitions in Europe.

MEMBER COUNTRIES: Germany, Austria, Belgium, Korea, Spain, Ireland, Italy, Japan, Liechtenstein, Luxemburg, Malta, Portugal, United Kingdom, Holland and Switzerland.

OTHER COUNTRIES: Republic of China (Taipei).

TRADES: We are preparing for the following trades, in each of which a minimum of five candidates are expected to take part: Turning, Milling, Fitting, Sheet Metal Work, Panel Beating, Plumbing, Cabinet Making, Joinery, Carpentry, Woodpattern Making, Engineering Drawing, Presstool Making, Constructional Steel Work, Industrial Wiring, House Wiring, Gas Welding, Radio & TV Repair, Tailoring, Plaster Work, Painting, Shoemaking, Stone Cutting, Brick-laying, Men's Hairdressing, Women's Hairdressing, Instrument Making, Industrial Electronics, Foundry Moulding.

PROGRAMME:

2nd. November Monday	Arrival of Technical Representatives, Technical Experts, Secretariat staff.
3rd. November Tuesday	Meetings of the Technical Committee begin.
4th. November Wednesday	Meeting of the Technical Committee continues. Reception given by the President of the Japanese Organizing Committee.
5th. November Thursday	Seminar (General discussion of apprentice training in Japan).
6th. November Friday	Seminar continues. Arrival of the President, Vice-President, Official Representatives, Heads of Group, all contestants, etc. Reception given by the President of the J.O.C.
7th. November Saturday	Meeting of the Technical Committee continues. Reception given by the wife of the President of the J.O.C.
8th. November Sunday	Sightseeing excursion. Party for the contestants.
9th. November Monday	Meeting of the Technical Committee. Meeting of the Organizing Council.
10th. November Tuesday	Opening ceremony. Preliminary inspection of the workshops. Reception given by the Minister for Labour.
11th. November Wednesday	Work begins. Reception given by the Governor of Tokyo.
12th. November Thursday	Work continues. Reception given by the Governor of Chiba Prefecture and the Mayor of Chiba City.
13th. November Friday	Work continues.
14th. November Saturday	Work finishes. Marking of results. Party for the contestants given by the President

	of the Chiba Prefecture Branch of the Industrial Manpower Development Association.
15th. November Sunday	Free.
16th. November Monday	Marking of results continues. Sightseeing in Tokyo area for Heads of Group and all contestants.
17th. November Tuesday	Marking of results finishes. Meeting of Organizing Council. Factory visit for Heads of Group and all contestants.
18th. November Wednesday	Sightseeing excursion for all participants in the Competition.
19th. November Thursday	Closing ceremony. Farewell party. Departure for Europe.
20th. November Friday	Departure for Europe.

MISCELLANEOUS

During the course of the Competition in Chiba, all participants without exception may take the midday meal in Chiba without having to pay for it.

Before 30th. September, the Japanese Mission needs to have lists of the names of everyone who will be attending the Competition so as to be able to provide for meal services, accommodation, transport, excursions, meal vouchers, etc. - all of which it desires to organize on a personal name basis.

All participants must be provided with an International Health Certificate, an indispensable requisite for entry into Japan.

Churches of all denominations will be found in both Tokyo and Chiba.

Whoever wishes to do so may make use of the many sporting facilities available in Chiba.

The address of the place in Chiba where the Competition is to be held is as follows:

Chuo Gino Centre,
Roppo-cho,
Chiba-shi,
Chiba-ken,
JAPAN.

Study of the application from New Zealand to take part in the 19th. International Competition.

Members were asked to consider the possibility of New Zealand's taking part under conditions identical with those granted in the case of the Republic of China. It was pointed out that all members of Organizing Council had been asked for their opinions on this application.

It was also remarked that to date no member country had raised any objection. In view of the fact Japan was prepared to receive this new country, it was unanimously agreed that New Zealand be admitted to the Competition in Japan on the same basis as the Republic of China. According to letters received in the Secretariat-General, it seemed New Zealand would be sending 9 candidates.

Final review and confirmation, if approved, of the trade definitions.

The Secretariat-General presented all Missions with descriptions of the 28 trades included in the Tokyo Competition in Spanish, English and German translations, so that the only trades remaining to be described were Painting and Men's Hairdressing. The content of the 28 descriptions presented was approved and a recommendation was made to complete the descriptions for Painting and Men's Hairdressing.

Regarding Painting, Dr. Schubert had certain observations to make, which are detailed in the first section of these Minutes.

Selection of plans to be attached to the trade descriptions.

Mr. Palencia spoke, drawing attention to the fact that the content of agreement (8) of the Minutes of the Granada meetings had not been complied with regarding the choice of three examples or plans to be attached to each trade description. Mr. Reeves then said that as the preparation of the plans Mr. Palencia referred to had required a great deal of effort and long hours of work, it was necessary to reach an agreement whereby those responsible for the plans might be informed what had become of their work and what use it had been put to.

The President agreed with what Messrs. Palencia and Reeves had put forward. As time to consider their proposals was short, and as a very good range of plans had been presented with the Tokyo Competition in mind, he suggested that in Tokyo the three plans to be attached to each trade description could be chosen from among the exercise proposals remaining in the Secretary-General's possession. A further possibility was that the Representatives could furnish other proposals to be added to those in hand. This would be a good method of complying with the Granada agreement.

Safe-keeping of exercises and guarding of workshops.

On a proposal from Mr. Power, Representative for Ireland, it was agreed that the Secretariat, as at previous Competitions, should take whatever measures were necessary to ensure safe-keeping of the exercises between one work day and the next, and to arrange for the workshops to be guarded when no participants were present in them, either throughout the day or at night.

The Technical Dictionary presented by the Secretariat.

The Secretariat-General presented a dictionary of technical words commonly in use at the Competitions. It contained more than 2,000 words translated into four languages.

The work done by the Secretariat in this respect was praised, and it was agreed to give same a more careful review. It was recommended more words of a technical nature be added which might increase the value of the dictionary.

Analysis of the formulas for appraisal of time factor presented in the past by Messrs. Schürch, Schubert and Reeves. Review of diplomas and certificates of participation to be awarded to the contestants, and checking of the associated translation work.

As there was a serious lack of time, it was not possible to study nor approve a final formula for the appraisal of the time factor in each one of the trades. However, it was agreed this important matter should be settled in Tokyo. For the same reason, it proved impossible to review the texts of the diplomas and certificates of participation to be presented to the contestants translated into the following languages: German, French, English, Korean, Spanish, Dutch, Italian, Japanese, Portuguese and Chinese.

END OF THE MEETING.

On behalf of everyone present, the President, Mr. Woerner, thanked Mocidade Portuguesa for having made the meeting possible and for the many attentions shown the Technical Committee.

He also thanked Messrs. Dias Ferreira and Leitao, the Official and Technical Representatives for Portugal respectively, for their collaboration. Finally, he expressed his gratitude to Messrs. Furuya and Miyamori, the Official and Technical Representatives for Japan, for the information they had furnished and for the facilities which the Japanese Organizing Committee was offering persons who attended the 19th. International Competition in Tokyo.

At 5.30 p.m. the President declared the session closed, ordering that these Minutes be drawn up, which I, the Secretary, certify as correct.

MINUTES OF THE TECHNICAL COMMITTEE MEETINGS HELD IN CHIBA (JAPAN) THE 3RD. AND 4TH. OF NOVEMBER, 1970

In attendance

Chairman of the Technical Committee:

Mr. Hamer

Technical Representatives:

Mr. Schubert
Mr. Bammer
Mr. Vastiau
Mr. Kang
Mr. Serrano
Mr. Power
Mr. Ghedini
Mr. Miyamori
Mr. Walser
Mr. Raimondo
Mr. Leitao
Mr. Reeves
Mr. Schürch
Mr. Liu

Secretariat:

Mr. Albert
Mr. Capdepón
Mr. Martinez

Mr. Hamer, Chairman of the Technical Committee, gave the floor to Mr. Furuya, Official Representative of Japan, who expressed its warmest welcome to all participants of the XIX I.C. and pointed out that for the first time in history, this Competition was taking place in Japan after having solved many difficulties. He hoped that all participants would enjoy their stay in Tokyo. Mr. Miyamori, Japanese Technical Representative, introduced Mr. Miyazaki, Chairman of the Japanese National Committee, who expressed the great pleasure he had in meeting the participants of the Competition, and emphasised that a Japanese National Holiday, called "Day of Culture" was being celebrated on that same day. This was to be considered as a good omen. Afterwards he wished a great success to everyone.

Mr. Miyamori stressed the cooperation of the Japanese Organizing Committee which would ensure the success of the Competition, but expressed certain fears since they had to attend the needs of the largest number of participants, observers and guests ever assembled in an Apprentice Competition.

He notified that their Imperial Highnesses Crown Prince Akihito and Crown Princess Michiko would visit the premises on the 11th. and 13th. of November.

Mr. Miyamori also informed that all the equipment needed for any trade would be furnished by the Shop Foremen or their Deputies, who would be present in the shop's warehouses at all times.

The Chairman greeted Mr. Furuya and praised his work and effort. Many people have worked to make this trip to Tokyo possible. He stressed the excellent service rendered by Japanese Air Lines. He thanked Mr. Furuya for his welcoming words and acknowledged the efforts made by Mr. Miyazaki on behalf of the Competition, thanking him also for his personal cooperation when the Competition was organized in the Chairman's country in 1966. He expressed the gratitude of all those present and pointed out the coincidence of the meeting with the "Day of Culture" in Japan. In some ways, this allowed the visitors to make a small contribution to the enhancement of their holiday.

The Chairman thanked Mr. Miyamori for his work, and promised to follow his recommendations closely. He asked him to transmit their greetings to Their Imperial Highnesses Crown Prince Akihito and Crown Princess Michiko, and to express to them that everybody considered their presence at the Competition a great honour.

Mr. Hamer said that he was convinced that the Competition would be successful, thanks to the efforts made by all in general, and by Messrs. Miyagi, Furuya and Miyamori in particular. He stated the general feeling of gried produced by the recent disappearance of former Chairman of the Technical Committee, Mr. Franz Woerner. It will be difficult, he said, to realize that he will no longer be with us. His dedication, devotion kindness and exceptional humanity cannot be told in words. In his own name, and on behalf of all delegates, he expressed deep sympathy to Messrs. Cech and Schubert, Official and Technical Representatives of Germany, respectively. He also had words in memory of Mr. Malagodi, Official Representative of Italy since the earliest days of the Committee, and for Mr. Olfermann, Technical Expert from Germany, both deceased this year. A son of the latter, added Mr. Hamer, is here following the footsteps of his father as an Expert in this Competition.

The Chairman reported that Mr. Palencia, for personal reasons, is no longer Technical Representative of Spain. In view of all the work that our friend Mr. Palencia has done for the Competitions and that he was one of its founders, his absence had to be regretted. He introduced Mr. Serrano now the Technical Representative of Spain in this XIX Competition. He also proposed that a telegram be sent to Mr. Palencia as a token of affection. The proposal was accepted unanimously.

He then introduced to the Meeting Mr. Leitao, Technical Representative of Portugal, who succeeds Mr. Vilar Queiroz, Mr. Liu, Technical Representative of China (Taiwan), and Mr. Greem, Official Observer from New Zealand, and he had warm greetings for all.

After these introductions, he reported that Luxemburg cannot participate in this Competition due to internal reasons. This absence was to be regretted, the Chairman said. Mr. Hamer reminded the Members of the Council of the amendments introduced by Mr. Schubert and by Mr. Palencia to the Minutes of the meeting held in Lisbon by the Technical Committee last April.

Mr. Raimondo points out that, although he was not present at the Meeting, he noticed there was a difference in the selection of proposals of exercises between the 1st. and 2nd. Commission. Therefore, he considered this selection as not final and the system used as informal. Mr. Hamer explained the reasons behind the use of this system. The important thing in those moments, he said, was to select the best exercises without taking into account which country was presenting them. Mr. Raimondo was of the opinion that those agreements should be honoured and not amended.

The Chairman submitted these opinions on the amendments introduced by Mr. Palencia to the Members, but first requested the Technical Representatives to comment on whether they agreed or not to Mr. Palencia's amendments.

It is generally agreed not to adopt the amendments with the following exceptions: Mr. Raimondo, who said that as he was not present at the Lisbon meeting, should abstain from voting; Mr. Vastiau who declared that although he agreed in principle with Mr. Palencia, he preferred to abstain. Spain and Portugal agreed, and Mr. Power said that although Mr. Palencia's ideas on the future of the Competition were very important, he voted against the approval of said motion.

Mr. Hamer then proceeded to submit to the consideration of the meeting the amendments to the same Minutes presented by Mr. Schubert. The wording of the Minutes was approved after having heard different opinions. Mr. Serrano abstained since he had not been present at the Lisbon Meeting. Mr. Power said that Mr. Schubert's proposal was not very clear, and Mr. Reeves said that if the third item remained unchanged it could meet with the opposition of the experts, based on the fact that the First Committee had selected only one proposal per country while the Second Committee had not done so.

Mr. Hamer required Mr. Albert to report on the description of the Painting Trade so it could be given to the Juries.

Mr. Albert informed that in Granada a description presented by Germany had been studied in principle and had not been considered perfect. It had been agreed to reconsider it in Lisbon. In the meantime, a second and more detailed proposal had been received from the same Country. Later a third proposal came from the United Kingdom. He added that the three proposals were very similar and he suggested a provisional drafting of the description. Mr. Hamer recognized the difficulties this implied and proposed that copies of the descriptions be made and distributed to the Technical Representatives and, if possible, reach an agreement later. It was thus agreed.

The next item studied was the composition of Juries. The anomalies resulting from the absence of experts from Luxemburg and other factors were pointed out.

PLUMBING: It was proposed that a Belgian or Swiss expert could cover the vacancy produced by Luxemburg. This proposal was supported by Messrs. Schürch and Vastiau. Mr. Miyamori offered to cover the vacancy with a Japanese expert. After a brief discussion it was agreed that Mr. Nakagawa, the Japanese expert, would cover the vacancy and that the Belgian expert could join the Jury if he arrived to Japan in time.

HAIRDRESSING: Mr. Schubert said that two experts were not enough to

cover the work concerning Men's and Women's Hairdressing trades. He proposed that a Dutch expert, present in Tokyo as an observer, be included in that Jury. Mr. Vastiau made a similar offer and said that in Tokyo there was a Belgian expert in the same situation. Mr. Schubert and Mr. Vastiau offered to pay the expenses of both experts in Tokyo as if they were still observers. The two proposals were approved.

Mr. Vastiau proposed that in order to avoid language problems, the experts of Spain and Belgium should go to Ladies' Hairdressing and those of the Netherlands and Spain to Men's Hairdressing. These two proposals were also adopted unanimously.

Later, Mr. Serrano, Technical Representative from Spain, noted that this agreement is opposed to regulations, since in Men's Hairdressing the Chairman and Expert of the Jury came from the same country. He felt such an irregular situation could easily be corrected if the composition of Juries was rearranged.

The Chairman thanked Mr. Serrano for his comments, but believed that a majority opinion could, in this instance, modify what had been regulated.

Finally Mr. Liu, Technical Representative of China (Taiwan), was invited to select any Committee that he wished to join. Mr. Liu answered that as he was an Electrical Engineer, he would like to participate and share the Presidency of that group of trades. The request was agreed unanimously. Mr. Liu also requested that the two experts from his Country be allowed to be present in all the shops in order to get a general idea of the running of the Competition. The request was granted.

Mr. Albert informed later of a problem that could be of grave consequence for this Competition. He said that last August the Secretariat had sent a box from Madrid to Tokyo containing competition documents and showed a paper proving that the box had reached Yokohama Harbour on October 5th. For unknown reasons the box with the documents was still in Yokohama.

Mr. Albert proposed that a selection of exercises for the Competition be made using the copies of the exercises that the Technical Representatives should have with them in Tokyo. He reminded them that he had sent letters in due time asking them to bring copies along.

It was agreed to use this system although Germany, Belgium and Spain explained that they did not have complete copies because they had wanted to keep it confidential, as was indicated in the regulations.

Mr. Power and Mr. Schubert requested that the exercise selection for Painting be done next day, after establishing the Trade Description as pointed out and previously decided.

Mr. Schubert requested that the fact should be put on record

that the countries that had followed "ad pede leteram", the regulations concerning the secrecy of the exercise proposals, were, in this case at a disadvantage since they had no copies, having destroyed them to preserve the secrecy.

In regard to the selection of shop exercises, Mr. Schubert, felt that it would be wise to wait for the arrival of the Secretariat's documents, as the drawings selected in Lisbon were of high quality and in agreement with the criteria adopted at Granada. Drawings that did not meet a sufficient level of quality should not be accepted.

The recommendation to the Council concerning the medals to be awarded to Winners was then considered. Mr. Schubert said that when the quality of work was clearly similar, more than three medals should be awarded. There were cases, he added, of such similar quality of performance that the possibility of offering two participants the same medal should be foreseen. Messrs. Schürch, Bammer and Serrano seconded the proposal of Mr. Schubert. Mr. Vastiau reminded the Meeting of the suggestion of Mr. Lopez, former Chairman of the Council, who felt that there should be equal prizes when the level of quality of the work so warranted. Mr. Serrano believed that when awarding medals the number of participants in each speciality and its proportion should be taken into account.

After carefully considering the problem it was agreed to recommend to the Council the possibility of awarding more than one medal of the same class if the difference between competitors is one, or less than one, point of difference in the score.

The Chairman explained to the Committee that five participants (three from Switzerland and two from the Netherlands) were over the age limit established by the Organizing Council and stated in the Rules. Four of those participants were born in 1949 and one in 1948. Mr. Raimondo said that he was against their being admitted, since it contravenes the rules of the Council. All Technical Representatives participated in the discussion. Mr. Ghedini proposed the admission of the five participants as long as competitors, whose age agreed with the rules, were not to suffer when marking the tests. Mr. Ghedini's proposal obtained the following result: 9 Members voted yes, Messrs. Serrano, Power, Raimondo, Hamer and Schürch abstained.

The Committee agreed that:

a) the Dutch participant, born in 1948 could compete in the trade Stone Cutting "hors concours";

b) Swiss participants in Milling, Electric Welding and Painting and the Dutch participant in Carpentry, all born in 1949, could take part in the Competition subject to Mr. Ghedini's approved suggestion concerning the marking, that is to say, without prejudice to the participants of legal age.

Since there were no further matters to be dealt with, the Meeting was closed and instructions given to draft these Minutes, which I, as Secretary, certify as correct.

Francisco Albert Vidal

ADDENDUM TO THE MINUTES OF THE MEETING OF THE TECHNICAL COMMITTEE OF NOVEMBER 7TH, 1970.

The Technical Committee presided by Mr. Hamer met to acknowledge and approve the work of the Marking Juries with respect to the selection of exercises that the participants in the XIX Competition will have to do, as well as the marking criteria established by said Juries.

The presented and selected exercises correspond to the countries listed in Annex No. 1.

The marking criteria and times foreseen to do the exercises are the following:

Fitting — Time foreseen: 22 hours

Marking scheme:

Basic measurements (close tolerances)	25 points
Fit and functioning	25 "
Secondary measurements (coarse tolerances)	15 "
Accuracy of angles and flatness of surfaces	15 "
Cleanliness, removal of burrs and finish of work	10 "
Use of material	5 "
Time	5 "
	100 points

Presstool Making — Time foreseen: 22 hours

Accuracy of angles, symetry and eccentricity of piece obtained. Accuracy of angles, symetry and eccentricity of piece obtained. Deformation and burrs on the piece obtained.	15 points
Basic measurements of the tool not taken into account on the piece obtained	45 "
Assembly and function of the tool	15 "
Cleanliness, removal of burrs and finish	15 "
Use of material	5 "
Time	5 "
	100 points

Instrument Making — Time foreseen: 24 hours

Fundamental measurements.	36 points
Functioning	30 "
Secondary measurements.	14 "
Finish & assembly	10 "
Use of material	5 "
Time	5 "
	100 points

Watch Repairing — Time foreseen: 19 hours

Adjustment of watch	30 points
Cleaning & workmanship	25 "
Repairing of watch	20 "
Turning of some parts	15 "
Use of material	5 "
Time	5 "
	100 points

Engineering Drawing — Time foreseen: 22 hours

Freehand sketch	15 points
Drawing of curves	20 "
Breaking drawing starting from an assembly	60 "
Time	5 "
	100 points

Turning — Time foreseen: 24 hours

Basic measurements	44 points
Secondary measurements	12 "
Eccentricity, tapers, threads	12 "
Fit and function	10 "
General finish	12 "
Use of material	5 "
Time	5 "
	100 points

Milling — Time foreseen: 25 hours

Basic measurements	40 points
Quality of fit & function	20 "
Accuracy of angles, etc.	10 "
Secondary measurements	5 "
General finish	15 "
Use of material	5 "
Time	5 "
	100 points

Constructional Steel Work — Time foreseen: 25 hours

Basic measurments	20 points
Secondary measurements	10 "
Quality of weld and gas cutting	20 "
Tiling, bending, and so on	15 "
Cleanliness and so on	5 "
Function, torsion	20 "
Use of material	5 "
Time	5 "
	100 points

Gas Welding — Time foreseen: 22 hours

Radiographic Inspection	20 points
Bending Test	15 "
Pressure and Leakage Test	20 "
Penetration	5 "
Under cut	10 "
Both sides appearance of bead	5 "
General appearance	5 "
Accuracy	10 "
Use of material	5 "
Time	5 "
	100 points

Electric Welding — Time foressen: 22 hours

Radiographic Inspection	20 points
Bending Test	15 "
Pressure and Leakage Test	20 "
Penetration	5 "
Under cut	10 "
Both sides appearance of bead	5 "
General appearance	5 "
Accuracy	10 "
Use of material	5 "
Time	5 "
	100 points

Wood Pattern Making — Time foreseen: 28 hours

Basic measurements	25 points
Secondary measurements	15 "
Fabrication technique (joining the parts of the pattern cones) (tapering) structure, machining allowances, etc.	20 "
Functioning of pattern	5 "
Finish of work	15 "
Pattern layout (interpretation of drawings)	10 "
Use of material	5 "
Time	5 "
	100 points

Foundry Moulding — Time foreseen: 18 hours

Casting

Accuracy of casting to pattern	20 points
Correctness of shape (Displacement of cores and surfaces)	13 "
Cleanliness of surfaces and edges (Cores, blowholes, outlets)	13 "
Method of pouring molten metal (adequate section and placing of runners, risers, cores.	10 "

Moulds

Accuracy and cleanliness of surfaces and edges	10 points
Positioning and drying of cores	5 "
Method of pouring metal (inlets, outlets)	5 "

Cores

Accuracy of measurement and shape	6 "
Stability (interior support) and drying	6 "
Cleanliness of surfaces and edges	3 "
Use of material	4 "
Time	5 "
	100 points

Panel Beating — Time foreseen: 20 hours

Basic measures	20 points
Secondary measures	10 "
Accuracy with respect to drawing	15 "
Manual operations (hammer work, handling of tools, machines, etc.)	25 "
Weldings	10 "
General finish	10 "
Use of material	5 "
Time	5 "
	100 points

Sheet Metal Work — Time foreseen: 24 hours

Fundamental dimensions	20 points
Secondary dimensions	15 "
Welding	14 "
Self Secured Joint	4 "
Flange	2 "
Wiring	4 "
Appearance	6 "
Riveting	5 "
Layout	20 "
Use of material	5 "
Time	5 "
	100 points

Plumbing — Time foreseen: 21 hours

Vinyl (P.V.C.) Tube Work

Pipe bending	7 points
Joints	8 "
Measurements	7 "
Use of material	3 "

Zinc Work

Measurements	7 "
Brazing	7 "

General Finish	6 points
Use of material	5 "
Lead Pipe Work	
Soldering	2 "
Pipe bending	3 "
Measurements	3 "
General finish	4 "
Use of material	3 "
Copper Tube Work	
Pipe bending	6 "
Joints	6 "
General finish	6 "
Measurements	7 "
Use of material	5 "
Time	5 "
	100 points

Industrial Electronics Time foreseen: 22 hours

Electr. Function of Power Supply	15 points
Assembling	7 "
Wiring	10 "
Soldering	13 "
Measurements	11 "
Calculations	10 "
Printed Circuit Layout	12 "
Drawing Circuit Diagram	12 "
Use of material	5 "
Time	5 "
	100 points

House Wiring Time foreseen: 24 hours

Piping and wiring	25 points
Protection and Insulation	20 "
General finish	10 "
Function	30 "
Measurements	5 "
Use of material	5 "
Time	5 "
	100 points

Industrial Wiring Time foreseen: 24 hours

Functioning	40 points
Fitting, wiring and fixing of wires and cables - connections	15 "
Measurements	10 "
Design: fixing and marking of equipment	10 "
Insulation and protection	15 "
Use of material	5 "
Time	5 "
	100 points

Brick Work — Time foreseen: 23 hours

Measurements	15 points
Plumbing and levelling	15 "
Alignment and angles	15 "
Uniformity of quality of joints	10 "
Cleanliness of both sides of wall	10 "
Quality of brick cutting	10 "
Bonding	10 "
General finish of visible parts (back and front, interior and exterior)	10 "
Time	5 "
	100 points

Stone Cutting — Time foreseen: 27 hours

Measurements	30 points
Agreement of templets with drawings	10 "
" " " " stone	20 "
Alignment of Nitre	5 "
General finish and neatness	15 "
Clean sharp edges	10 "
Time	10 "
	100 points

Painting — Time foreseen: 24 hours

Panel A

Measurements	5 points
Filling	5 "
1st. finishing coat (Undercoat)	5 "
2nd. finishing coat (Finishing coat)	10 "
Painting of timber slips	15 "
Copying of motif	15 "
Painting of motif	25 "
Formation and spacing of letters	20 "
	100 points

Panel B

Measurements	5 points
Priming	5 "
Filling	5 "
1st. finishing coat (Undercoating)	10 "
2nd. finishing coat (Finishing coat)	25 "
Performance in the copy and shape of "Motif"	25 "
Layout and painting of lines	20 "
Time	5 "
	100 points

Plaster Work — Time foreseen: 22 hours

Fundamental measurements	15 points
Secondary measurement	10 "
Quality of Finishing Coats	10 "
Accuracy of Angles and Alignment	10 "
Profiles and neatness of intersections	10 "
Cornice work and mouldings	15 "
Circular Motif and finish of Panel	8 "
Layout of Work in accordance with drawing.	5 "
General finish work	7 "
Use of material	5 "
Time	5 "
	100 points

Cabinet Making — Time foreseen: 24 hours

Joints (interior and exterior)	30 points
Fitting of movable parts	10 "
Cleanliness of surfaces and edges	15 "
Full-scale drawings	10 "
Basic and secondary measurements	20 "
Placing of fittings	5 "
Use of material	5 "
Time	5 "
	100 points

Joinery — Time foreseen: 25 hours

Basic measurements	20 points
Secondary measurements	10 "
Interior joints	14 "
Exterior joints	14 "
Cleanliness of surface and edges	10 "
Fitting sash and hinges	8 "
Fitting glazing bead	6 "
Drawing to full size scale	8 "
Use of material	5 "
Time	5 "
	100 points

Carpentry — Time foreseen: 25 hours

Quality of full scale drawing	30 points
Joints	34 "
Measurements	14 "
Angles, edges, inclinations	12 "
Use of material	5 "
Time	5 "
	100 points

Jewellery — Time foreseen: 25 hours

Measurements	10 points
Interpretation from drawing	10 "
Soldering	15 "
Modelling work	20 "
Saw work for holes	20 "
Cleanness before polishing	15 "
Use of material	5 "
Time	5 "
	100 points

Tailoring — Time foreseen: 24 hours

Measurements and layout	20 points
Pockets	10 "
Lapel (function)	20 "
Sleeves (function & fit)	15 "
Ironing and finishing	15 "
Shape	10 "
Use of material	5 "
Time	5 "
	100 points

Ladies' Hairdressing — Time foreseen: 3 hours

Direct dyeing	10 points
" water wave	15 "
Free style haircut	20 "
Hair care	5 "
Day hairdo style	10 "
Cold Perm.	10 "
Marking technique	10 "
Combing of "postiche"	10 "
Day hairdo style and transformation into cocktail hairdo	10 "
	100 points

Men's Hairdressing — Time foreseen: 3 hours

Classic razor cut:	
Hair wash	3 points
Thinning out	8 "
Hair cut	8 "
Combing	5 "
Medium cut , freehand cut:	
Hair cut	7 "
Combing	5 "
Transformation into short hair cut:	
Thinning out	7 "
Combing	5 "

Tint, Classic cut without parting of the hair and bombage:	
Tint	4 points
Haircut	7 "
Combing	3 "
Perm Twen:	
Perm waving	3 "
Cut	9 "
Combing	6 "
Crew cut, "Toupet" setting:	
Cut	6 "
Setting and combing	6 "
	100 points

The Meeting after hearing the President's report covering the aforementioned matters, agreed to adopt unanimously the proposals of the Marking Juries and to submit them to the consideration of the Organizing Committee in the meeting to be held on the 9th. November for their approval or disapproval.

Having no further items to be dealt with the Chairman adjourned the Meeting and the Secretary extended these Minutes.

The Secretary

Francisco Albert Vidal

Nº	TRADES	Germany	Austria	Belgium	Korea	Spain	Nederland	Ireland	Italy	Japan	Liechtenstein	Malta	Portugal	United Kingdom	Switzerland	Total presented	Total chosen
1	Fitting	0				X				X			X			3+1	1
2	Press tool making	0				X				X	X			X		5	1
3	Instrument making	0				X	X							X	X	5	1
4	Watch repairing	X								0					0	3	2
5	Engineering drawing	X							0	X	X		0	X	0	6+1	3
6	Turning	X			X	X	X		X	0			X	X	X	9	1
7	Milling	X				X			X	0			X	X	X	7	1
8	Const. steel work	X					X			0				X	X	5	1
9	Gas welding	X			0	0							X	0	X	6	3
10	Wood pattern making	X				X		0		0			X	X	X	7	2
11	Foundry moulding					0			X	X				X		4	1
12	Panel beating												0	0		2	2
13	Sheet metal work	X							X	0						3	1
14	Plumbing						X	0		X			X	X		5	1
15	Indust. electronics	X			0	X	0	0	X	0			X	X		8+1	4
16	TV and Radio Repair		0							0	X		X	X	0	6	3
17	House wiring	X			X					0			X		X	5	1
18	Industrial wiring	X				0		X		2			X	X	X	8	1
19	Bricklaying	X				X		0		3			X	X		8	1
20	Stone cutting	X					X			0				X	X	5	1
21	Painting	X		X				X		X				0		5	1
22	Plaster work	X					0	X						X		4	1
23	Cabinet making	X					2	0		X				X		6	1
24	Joinery	2	0		X		2	X		X					X	9	1
25	Carpentry	2					00			X				X	X	7	1
26	Jewellery	X					X	X		X				X	0	6	1
27	Tailoring					X		X						0	X	4	1
28	Ladies' hairdressing	X			0		X			X						4	1
29	Men's hairdressing	X		0		0				X						2+2	2
30		0								X						2	1
X	Total chosen in Lisbon	26+1	2	1+1	6	12+1	15	11	6	27+1	3	-	13	22	15+	159+5	43
0	Total chosen in Tokyo	4	2	1	3	4	3	5	1	10	-	-	2	4	4		43

MINUTES OF THE MEETING OF THE ORGANIZING COUNCIL HELD IN TOKYO ON THE 9TH. OF NOVEMBER 1970

Members present

International President:

Mr. Palomares

Vice-Presidents:

Mr. Hayakawa
Mr. Ramos

Chairman of the Technical Committee:

Mr. Hamer

Members:

Dr. Cech
Mr. Schubert
Mr. Häusler-Angeli
Mr. Bammer
Mr. Vlaemminck
Mr. Vastiau
Mr. Lee
Mr. Kang
Mr. Serrano
Mr. Bertelsman
Mr. Power
Mr. Ferrari
Mr. Ghedini
Mr. Furuya
Mr. Miyamori
Mr. Seger
Mr. Walser
Mr. Chicorp
Mr. Raimondo
Mr. Dias Ferreira
Mr. Leitao
Mr. Hill
Mr. Reeves
Mr. Müller
Mr. Schürch

Secretariat

Mr. Albert
Mr. Capdepón

The President opened the Meeting by thanking Messrs. Vlaemminck and Vastiau, and the National Committee of Belgium for their efforts on behalf of the participants to the XVIII International Competition held in Brussels in 1969. Gratitude must also be extended to the Japanese National Committee and especially to Messrs. Hayakawa, Furuya and Miyamori for their efforts before and during this Competition, he added.

He requested and it was approved that the grief of the Organizing Council on account of the death of Messrs. Woerner and Malagodi be put on record and that a telegram of sympathy be sent to the families of those dear lost friends.

He welcomed Messrs. Ferrari, Leitao, Serrano and Liu, new representatives of Italy, Portugal, Spain and China, respectively. He also welcomed Mr. H. Bertelsman who is replacing Mr. Laman Trip in this Competition and Mr. Greem, Official Observer from New Zealand. The President pointed out that Mr. Rodriguez Touza was present at the Meeting as Observer from Spain and representing the National Delegate of Spanish Youth.

The President reported to the Council that Mr. Laman Trip, Official Representative from the Netherlands, was unable to come to the Meeting on account of the death of a relative. It was decided that a telegram of sympathy be sent to him on behalf of the Council.

The President expressed his gratitude to their Imperial Highnesses, Crown Prince Akihito and Crown Princess Michiko for the honour they bestowed upon our Competition, and to the Governors of Tokyo and Chiba.

The President emphasized the fact that the International Competition is held for the first time in Asia and that this allowed a more direct interchange of technical knowledge between the men of both continents.

He expressed his thanks to the Secretariat and the interpreters

for their efficiency, as well as to the Japanese communication media for their interest in the Competition.

He warned that Official Observers and Guests will not be permitted to sit at the next Meetings of the Organizing Committee.

The President asked, and it was decided, that the gratitude of the Council to the Civil Governor of Granada, Spain, for his hospitality when the Metting was held in that city in November 1969, be recorded.

The floor was then given to Mr. Hayakawa, International Vice-President, who welcomed all participants to the Competition and thanked them for their visit. He added that this Competition can play a positive role for the Japanese Youth which is showing a growing tendency to disagree with its elders at present. He stated that Japan as a whole is looking forward with anticipation to the development and results of the Competition and he transmitted his gratitude to the Governor of Tokyo for his assistance.

Mr. Hamer, President of the Technical Committee thanked the Council for the sympathy expressed to Mr. Laman Trip, Official Representative of the Netherlands and stressed the high level of this Competition and the great cooperation given by Shop Foremen, as well as the special effort made by Mr. Miyamori, the Technical Representatives, the Experts and the Interpreters. He also praised the excellent work of the Secretary-General and his staff.

The President proposed the approval of the previously submitted Agenda. The followint items were discussed and approved:

1. Approval, if agreed, of the Minutes of the Meeting of the Organizing Committee held in Granada in November 1970.

   Approved unanimously.

2. Report of the Chairman of the Technical Committee on the agreements adopted by same during the Meetings held on November 6th. and 7th. and approval of same, if so agreed, by the Organizing Committee. Mr. Hamer reported in detail on the discussions held during the Meetings, and underlined as most important the following items:

   a) The substitution of two experts from Luxemburg by one of Germany for Carpentry, and one of Japan for Plumbing. Mr. Van der Wildt and Mr. Nakagawa have from the first day joined in the work.
   b) The appointment of Messrs. Javaux of Belgium and Schoenmaekers of Netherlands as experts in Gentlemen's and Ladies' Hairdressing respectively.
   c) Incorporation of Mr. Liu, Technical Representative of China to Commission No. 10 presided over by Mr. Raimondo.
   d) The decision made with a view to allow five candidates who exceed the prescribed age to participate in this

Competition. The Dutch competitor, J.G.Gloudemans was authorized to participate "hors concours" since his age exceeds by far the limit. The rest of competitors: Messrs. A. Hans (Milling), M.Kunz (Electric Welding), U.Fuher (Painting), the three from Switzerland and W. Meusert (Carpentry) from Netherlands were allowed to participate in the Competition in agreement with the proposal presented by Mr. Ghedini and approved by the Technical Committee, who suggested that in judging the results, the marks given to the aforementioned should not hinder or impair the awarding of medals to competitors who are within the age limit.

e) The awarding of ex-equo medals to participants who obtain one point or less of difference with respect to the winner.

Only Items d) and e) originated brief debates;

ITEM d): On this paragraph Mr. Raimondo took the floor requesting that Regulations be abided by all. Mr. Hill supported the proposal of Mr. Ghedini and requested the Council's approval, taking into account the fact that the competitors were already in Tokyo.

ITEM e): On this paragraph, Messrs. Ramos, Dias Ferreira, Schubert and Hamer, reaffirmed their identification with the Technical Committee's agreement concerning the possibility of awarding "ex-equo" medals under the circumstances pointed out in the agreement.

Mr. Furuya and Mr. Miyamori would like the number of medals awarded under those circumstances to be specified, since the coining of medals was made in agreement with a previous decision of the Council, which was to award only one gold, one silver and one bronze medal per trade. The President asked for explanations and it was estimated by the Council that the number of extra medals would not exceed six or seven.

All agreements reached by the Technical Committee and referred to in these Minutes and those inserted in the Minutes of the 3rd. and 4th. of November were unanimously approved with the exception of the Item relating to the awarding of medals ex-equo which was approved with the abstention of Mr. Vastiau.

3. The Competition's future.- The President recalled the concern Mr. Laman Trip expressed in Granada about the future of the Competition. Mr. Palomares said that he was also concerned and proposed to the Council the creation of a Sub-Committee to study and present a report to be considered by the Council. He, therefore, was of the opinion that a decision should be reached concerning the country composition, working procedures, time and place of meetings, and participation of countries not

included in the Sub-Committee, as well as the date on which the Committee should end the work.

Dr. Cech proposed the following:

a) The Sub-Committee should be presided over by Mr. Palomares, International President.

b) The member countries of the Sub-Committee should be: Spain, Japan, United Kingdom, Portugal, Netherlands and Germany. Other countries could join if necessary.

c) Technical and Official Representatives could participate in the Sub-Committee on the same level.

d) There could be two or three meetings. One could be held in January in a yet undecided place, another in Munich in March and the third to be decided at a later date.

He also asked the Secretariat to distribute to members of the Council the draft on the future of the Competitions, translated in four languages, for its consideration.

Mr. Ramos seconded the proposal and suggested that any country so wishing could participate in the meetings as long as they did not exceed 50% of member countries.

Mr. Palomares accepted in principle the chairmanship of the Sub-Committee and proposed that in case of his being absent in any of the meetings, the chair be given to the oldest member present. He promised that he would show great interest at all times, that in his task he would be objective and unbiased, and that this was applicable to any of his endeavours as International President.

After disussion, the President proposed, and it was approved, to put on record the following resolutions:

1. To establish an Ad Hoc Sub-Committee in charge of studying the future of the Competitions, presided over by Mr. Palomares and composed of Spain, Japan, United Kingdom, Portugal, Netherlands and Germany.
2. Countries so wishing may attend to the meetings with the same rights and obligations as regular members.
3. The meetings will be held in the months of January, March and at an unspecified date. These dates could be changed. The Secretariat will attend these meetings and will not spare efforts to aid and prepare the meetings.
4. Activities will start as soon as the draft pre-

pared by the Secretariat is distributed, as well as documents that could be presented before the date of the first meeting.

4. Miscellaneous.- Mr. Ramos proposed that the title of Honorary Member be given to Messrs. Woerner and Malagodi and that said diplomas be handed to their relatives by someone to be decided. This was approved unanimously.

Mr. Ramos also proposed that words in honour of the Honorary President of the Organizing Committee be recorded in the Minutes of the Meeting. The suggestion was unanimously approved.

The President closed the Meeting thanking the Vice-President, Mr. Hayakawa for his collaboration.

The Secretary General

Francisco Albert Vidal

MINUTES OF THE MEETING OF THE TECHNICAL COMMITTEE HELD IN CHIBA (JAPAN) ON THE 17TH. NOVEMBER 1970.

Members Present

Chairman of the Technical Committee

Mr. Hamer

Members

Dr. Schubert
Mr. Bammer
Mr. Vastiau
Mr. Kang
Mr. Serrano
Mr. Power
Mr. Ghedini
Mr. Miyamori
Mr. Walser
Mr. Raimondo
Mr. Leitao
Mr. Reeves
Mr. Schürch
Mr. Liu

Secretariat

Mr. Albert
Mr. Capdepón

The Chairman of the Technical Committee, Mr. Hamer, opened the meeting and asked the members of the Committee for their approval of the minutes of the meetings held on the 3rd. and 4th. November. These were approved unanimously with one correction, that the presentation of proposals by the Italian Delegation in the trades of Panel Beating and Sheet Metal Work should be omitted, since this country did not present exercises in these two trades. This was agreed.

Technical Dictionary.- Dr. Schubert proposed that the above dictionary would be more useful and efficient if the technical terms were put into order by trade. He invited all Technical Representatives to send to the Secretariat-General words which would be suitable for inclusion in the dictionary, and those which had been omitted from the present dictionary. He also indicated that it would be preferable not to duplicate homonyms.

Mr. Hamer agreed with Dr. Schubert's proposal, but pointed out that the dictionary is a piece of work done by all concerned and as such, all delegations must collaborate with the Secretariat.

The final revision and approval of the dictionary should be done by the Technical Committee. This was agreed unanimously.

Mr. Hamer expressed his satisfaction on the arrangements made for the Competition, and praised in particular the magnificent machinery materials and equipment provided in the workshops.

PROPOSAL FOR THE MARKING SYSTEMS AND PRIZES FOR COMPETITORS

The Chairman of the Technical Committee informed the members of the proposals for awards and marking systems for the various commissions and marking juries. All were approved unanimously with the following exceptions:

FITTING: The marking system signed by the Chairman of the Jury and two experts was subsequently corrected by Mr. Reeves.

Mr. Reeves was asked to explain this point. He told the Committee that the correction was due to a mistake made on the allotting of marks and thus caused a change in the order of headings. These corrections in this trade were accepted and they remain in the order shown in the appendix.

INSTRUMENT MAKING: Mr. Vastiau proposed that a Mention of Honour be awarded to the United Kingdom competitor since his marks were less than one mark different from those of the Korean competitor. Mr. Bammer, Chairman of the Jury, thought that as two gold medals were awarded in this trade another Mention of Honour should not be given. Both opinions were considered, and it was decided that a Mention of Honour would be awarded to the United Kingdom competitor, John P. Revett.

SHEET METAL WORK: Mr. Serrano justified the position of giving no marks to the competitors from Belgium, Holland and Ireland, explaining that the first competitor had given up his work altogether, and the other two had produced work which was inadequate and unable to marked.

Mr. Vastiau proposed that the marks should be revised because of the lack of precision on those presented, but Mr. Hamer and the Committee were of the opinion that this would take up time which, in fact, was not available. It was agreed to approve the actual marks, but it was decided that in future competitions a more precise marking must be given, and points should be awarded wherever possible, however minimal.

RADIO AND TV. REPAIR: Dr. Schubert wished to know why the instructions for this trade, given out in English, had not been received by all the countries entering competitors in this trade. Mr. Leitao, Chairman of the Jury, answered that all Countries received the above instructions on measuring instruments put out by the Japanese Committee. When the countries involved were consulted, some indicated that they had not received the said instructions. Mr. Hamer regretted this anomaly but considered that it was too late to remedy the situation. However, the marks allotted to each one of the Competitors in this trade were approved.

INDUSTRIAL WIRING: Mr. Vastiau thought that the time allowed for the work in this trade to be carried out was badly calculated, since 5 hours extra had had to be added. Mr. Raimondo, Chairman of the Marking Jury, thought that the experts knew their trade well, and that the time needed to carry out the work had been properly calculated. Other outside factors had caused the time to be extended.

BRICKWORK: Mr. Reeves asked that it should be recorded that he disagreed with the award of a gold medal to the German competitor who had placed 8 instead of 7 bricks in the arch. He was aware that this competitor had corrected his mistake, but thought that the juries should take note of how the work was done, and take it into account in the marking. Dr. Schubert disagreed saying that the German competitor corrected his work on the second day of the test and affirmed that the marks should be awarded to the final test piece. He considered the work carried out by this competitor to be worthy since the boy had known how to correct his mistake properly and was within the time limit. Mr. Walser, Chairman of the Marking Jury agreed with Dr. Schubert and stated that this point should be brought up before the full Organizing Council. This was agreed.

STONE MASONRY: Mr. Vastiau proposed that a mention of Honour should be awarded to the Korean Competitor for having obtained a mark of 0.25 less than the Japanese Competitor. Dr. Schubert agreed with this proposal and the award of a Mention of Honour was granted to PARK HI KYU.

PAINTING AND DECORATING: Mr. Vastiau reserved the right to comment on the marks awarded for this trade since he considered that incorrect points had been given to the headings. He accepted the marking in principle but repeated that he reserved the right to intervene on this subject at the opportune moment. Dr. Schubert replied about the quality of the work and stated that it was correct to award an extra point for each hour of work saved and to have a penalty of 2 marks for each hour lost. Mr. Vastiau insisted that this was not the right thing to do. Mr. Hamer intervened and was of the opinion that this should be taken into account in the XX Competition and not at the present time.

PLASTERWORK: Mr. Hamer reported that the marking of the Irish Competitor awarded a Bronze Medal was 68.50 points. He thought that the mark of 55.50 points awarded to the German Competitor in fourth place did not merit a Mention of Honour as recommended by the Jury because of the appreciable difference in marks.

Dr. Schubert defended this proposal stating that the German Competitor's profile had broken and produced certain psychological problems for him which he managed to overcome continuing with his work. His efforts, therefore, were worthy of an award. Mr. Hamer and the Committee agreed with this and HERMAN-JOSEF PONSGEN was awarded a Mention of Honour.

CABINET MAKING: Dr. Schubert proposed that a Mention of Honour should be awarded to the Korean Competitor KIM MUN SU for the small difference in marks which separated him from the competitor who received the Bronze Medal. This was agreed unanimously.

LADIES' HAIRDRESSING: Dr. Schubert reminded the Committee that at Granada it had been agreed that the models should be European and that if these were not possible, wigs of this quality should be used. He regretted that once again his country should be at a disadvantage for having carried out what was asked, since it had been the only country to bring a wig of European hair which had cost 400 German Marks.

Mr. Vastiau regretted this occurrence but confirmed that it was not the fault of the Jury since they had prepared one test with Japanese models and the rest using European models. Since these were not available, they did them all with Japanese models and one using a test wig.

Mr. Hamer asked if the Jury had taken these anomalies into account and Mr. Vastiau replied that this had in effect been done, with particular regard to the de-colouring. The technique had been judged and not the design.

Dr. Schubert asked that the remarks made earlier should be recorded in the Minutes. This was agreed.

WATCH-MAKING AND REPAIRING: Mr. Bammer, Chairman of the Marking Jury, proposed that a Mention of Honour be given to the German Competitor, DIETER EILS, who had hurt his hand but continued with his work in a willing and enthusiastic manner, although aware of the fact that he would not be able to win any award. This was approved unanimously.

FITTING: Mr. Serrano proposed that an ex-equo Bronze Medal be awarded to the Spanish Competitor, LUIS SEDANO, who had 89.28 marks, taking into account that the Japanese Competitor who had been awarded this Medal had 90.06 marks. Mr. Serrano's proposal was approved unanimously.

The proposals for marks and awards put forward by the Juries in trades not specified in these minutes were approved unanimously, without any discussion, and are listed in full in the appendix.

There being no other business, the Chairman closed the Meeting and asked for these Minutes to be written, which I, as Secretary, certify as correct.

-ANNEX-

POINTS OBTAINED BY THE COMPETITORS IN EACH OF THE TRADES CONVENED IN THE XIX INTERNATIONAL APPRENTICE COMPETITION, STATING THE PRIZES AND DISTINCTIONS AWARDED.

==========

1.- FITTING

1º	Otto Hofmann	Germany	97,15	Gold Medal
2º	Ronald S. McClenaghan	United Kingdom	91,48	Silver Medal
3º	Koji Masuda	Japan	90,06	Bronze Medal
4º	Luis Sedano Matabuena	Spain	89,28	Bronze Medal (ex-equo)
5º	Alfred Mallia	Malta	85,72	Mention of Honour
6º	Krieg Werner	Switzerland	81,95	Mention of Honour
7º	Cho Yung Kuk	Korea	80,62	Mention of Honour
8º	Liam Loftus	Ireland	77,21	
9º	Eligio Lupo	Italy	72,21	
10º	Shi Shih Huang	China	71,84	
11º	Josef Naegele	Liechtenstein	70,89	
12º	Broer G.J. Mengerink	Holland	67,65	
13º	Herbert Leonhardsberger	Austria	57,81	
14º	Luis F. da Cruz P.	Portugal	54,10	

2.- PRESSTOOL MAKING

1º	Noboru Konno	Japan	89,50	Gold Medal
2º	Simon W.T.Muller	Holland	62,50	Silver Medal
3º	Andrés Olivares M.	Spain	57,60	Bronze Medal
4º	Alfred Jerke	Germany	55,80	Mention of Honour
5º	Othmar Heeb	Liechtenstein	55,80	Mention of Honour
6º	Kim Keun Bae	Korea	38,80	
7º	Alfred Däpp	Switzerland	35,00	
8º	Matthew Brennan	Ireland	31,80	
9º	Peter Grill	Austria	30,60	
10º	Richard Sidwell B.	United Kingdom	17,60	
11º	Jose M. Ramos Bergano	Portugal	16,40	

3.- INSTRUMENT MAKING

1º	Osamu Yatsu	Japan	79,79	Gold Medal
2º	Henricus M.C. van Gestel	Holland	79,16	Gold Medal (ex-equo)
3º	Ernst Gurtner	Switzerland	75,86	Silver Medal
4º	Werner Mutzbauer	Germany	71,96	Bronze Medal
5º	Bang Hong Bae	Korea	65,37	Mention of Honour
6º	John Philip Revett	United Kingdom	65,11	Mention of Honour
7º	Julián Palomares V.	Spain	63,70	

4.- WATCH-MAKING

1º	Kikuo Igeta	Japan	88,74	Gold Medal
2º	Willy Hufschmid	Switzerland	67,88	Silver Medal
3º	Francisco Jane J.	Spain	65,46	Bronze Medal
4º	Kang Shin Joeng	Korea	56,85	

5º	Dieter Eils	Germany	52,59	Mention of Honour
6º	Jean-Pierre van Rechem	Belgium	33,86	

5.- ENGINEERING DRAWING

1º	Makoko Sasaki	Japan	89,92	Gold Medal
2º	Kurt Brader	Switzerland	89,25	Gold Medal (ex-equo)
3º	Erich Kieber	Liechtenstein	83,84	Silver Medal
4º	Antonio B. Ribeiro L.	Portugal	83,58	Silver Medal(ex-equo)
5º	Eduardo Fernandez M.	Spain	77,33	Bronze Medal
6º	Choi Yong Chul	Korea	73,06	Mention of Honour
7º	Ten Tung Ho	China	61,84	
8º	Richard J. Buckingham	United Kingdom	61,25	
9º	Gerhard Schäfer	Germany	59,75	
10º	Umberto Altieri	Italy	58,67	
11º	Bernhard van den Berg	Holland	54,00	
12º	William G. Corrigan	Ireland	53,59	

6.- TURNING

1º	Akira Shimizu	Japan	96,00	Gold Medal
2º	Antonio-A. Garrote B.	Spain	79,80	Silver Medal
3º	Uwe Severins	Germany	73,93	Bronze Medal
4º	Johannes Martens	Holland	70,99	Mention of Honour
5º	Lee Mun Geun	Korea	62,62	
6º	Mario Rodrigues G.	Portugal	60,90	
7º	Emmanuel Azzopardi	Malta	58,84	
8º	Ritter Walter	Switzerland	56,93	
9º	Paul Kookartz	Belgium	52,61	
10º	Mario Attala	Italy	49,22	
11º	Patrick Hattie	Ireland	46,86	
12º	Stephen Rance	United Kingdom	40,91	
13º	Tsung Chih Chen	China	36,43	

7.- MILLING

1º	Koichi Yoshida	Japan	93,10	Gold Medal
2º	Johannes A.F.C. Smits	Holland	75,29	Silver Medal
3º	Leslie Henry Hale	United Kingdom	73,05	Bronze Medal
4º	Amstutz Hans	Switzerland	70,24	Mention of Honour
5º	So Joong Yung	Korea	67,20	
6º	Brian B. King	Ireland	65,10	
7º	Manuel Dombriz C.	Spain	58,50	
8º	Hans-Peter Lang	Germany	55,84	
9º	Walter Ghirelli	Italy	36,08	
10º	Joao M. Ribeiro H.	Portugal	35,84	

8.- CONSTRUCTIONAL STEEL WORK

1º	Yuji Saito	Japan	94,81	Gold Medal
2º	Klaus-Dieter Schwarz	Germany	83,60	Silver Medal
3º	Kenneth Poole	United Kingdom	71,81	Bronze Medal
4º	Pierre Cogniat	Switzerland	66,64	
5º	Paul A. McMullan	Ireland	63,30	
6º	Choi Jae Kuk	Korea	62,19	

7º	Antonius J.J. Niens	Holland	60,12	
8º	Lepoldo Herrero C.	Spain	55,91	
9º	Francisco M.J. Honrado	Portugal	55,70	
10º	Mario Cassar	Malta	52,96	
11º	Rene Schumacher	Belgium	52,45	

9.- GAS WELDING

1º	Takeo Moro	Japan	93,28	Gold Medal
2º	Joaquin Jose Several L.	Portugal	90,35	Silver Medal
3º	Angel-Fdco. Rech López	Spain	90,03	Silver Medal(ex-equo)
4º	Lee Myung Kun	Korea	86,78	Bronze Medal
5º	Shih Tsai Liu	China	82,31	Mention of Honour
6º	Josef Manser	Switzerland	78,24	Mention of Honour
7º	Detlef Forner	Germany	76,17	Mention of Honour
8º	Barry Philip Sketcher	United Kingdom	73,08	Mention of Honour
9º	Marinus F.G.M. Brocatus	Holland	69,62	

10.- ELECTRIC WELDING

1º	Tomio Matsumoto	Japan	95,77	Gold Medal
2º	Joao-M. Ferreira Bolais	Portugal	86,95	Silver Medal
3º	Bae Dong Chun	Korea	80,48	Bronze Medal
4º	Mario Kunz	Switzerland	80,01	Bronze Medal(ex-equo)
5º	Bernardo Flores M.	Spain	76,30	Mention of Honour
6º	Franciscus E. Ducardus	Holland	75,50	Mention of Honour
7º	Charles Conlon	United Kingdom	75,34	Mention of Honour
8º	Martin Sweeney	Ireland	74,93	Mention of Honour
9º	Ming Chao Ku	China	71,80	Mention of Honour
10º	Klaus Koths	Germany	70,97	

11.- WOODPATTERN MAKING

1º	Jose-A. dos Santos A.	Portugal	88,50	Gold Medal
2º	Mamoru Inoue	Japan	87,84	Gold Medal (ex-equo)
3º	Kim Do Hyun	Korea	67,92	Silver Medal
4º	Fco. Castillo B.	Spain	64,50	Bronze Medal
5º	Anthony Walsman	United Kingdom	62,42	Mention of Honour
6º	Marinus A. Hack	Holland	62,17	Mention of Honour
7º	Hans Feller	Switzerland	59,00	
8º	Klaus-Dieter Strzalka	Germany	41.17	
9º	Leonardo Andreotti	Italy	39,50	

12.- FOUNDRY MOULDING

1º	Cho Hyung Ik	Korea	83,25	Gold Medal
2º	Ronald Harvie	United Kingdom	79,50	Silver Medal
3º	Kenzo Maga	Japan	77,50	Bronze Medal
4º	Enrique Sendino I.	Spain	76,50	Bronze Medal(ex-equo)
5º	Franz Wilhelm	Germany	66,25	Mention of Honour
6º	Kung Tsun Wei	China	63,28	
7º	Gerardus L.F. Peters	Holland	62,25	
8º	Antonio-M. Oliveira de C.	Portugal	58,00	
9º	Patrick Currivan	Ireland	55,25	

13.- PANEL BEATING

1º	Shunsaku Kobune	Japan	91,00	Gold Medal
2º	Chun Byung Yul	Korea	76,25	Silver Medal
3º	Karl Heinz Eller	Germany	58,50	Bronze Medal
4º	Christian Schmutz	Switzerland	49.75	
5º	Angel Fernández P.	Spain	47,75	
6º	Peter D. Cooke	Ireland	32,50	
7º	Melchior H.M. Teunissen	Holland	32,50	
8º	Gonçalo Ferreira F.	Portugal	26,00	

14.- SHEET METAL WORK

1º	Tomeo Higuchi	Japan	82,00	Gold Medal
2º	Ku Jaing	Korea	81,50	Gold Medal (ex-equo)
3º	Alfred Gründler	Switzerland	59,00	Silver Medal
4º	Alvaro Jose Franco	Portugal	57,75	Bronze Medal
5º	Fco. José Garcia S.	Spain	53,75	Mention of Honour
6º	Alan Deacon	United Kingdom	47,00	
7º	Harald Schtzel	Germany	45,00	
8º	Cornelus J. Rens	Holland	—,—	No points gained
9º	Michael Kelly	Ireland	—,—	No points gained
10º	Jean-Pierre van Keer	Belgium	—,—	Retired

15.- PLUMBING

1º	Brian Jordan	Ireland	83,20	Gold Medal
2º	Teruo Takahashi	Japan	82,26	Gold Medal (ex-equo)
3º	Martin Trepp	Switzerland	74,94	Silver Medal
4º	Richard Guy Warren	United Kingdom	72,02	Bronze Medal
5º	Lee Sang Sup	Korea	71,79	Bronze Medal(ex-equo)
6º	Francesco Sciacchiatano	Belgium	68,74	
7º	Werner Füess	Germany	67,58	
8º	Enrique Medina Diez	Spain	67,31	
9º	Gerrit Aartsen	Holland	66,09	
10º	Jose-M. Vicente da C.	Portugal	62,62	

16.- INDUSTRIAL ELECTRONICS

1º	Keiichi Sugawara	Japan	95,00	Gold Medal
2º	Urs Roesti	Switzerland	90,18	Silver Medal
3º	Leo Matt	Liechtenstein	88,16	Bronze Medal
4º	Cho Myung Hwan	Korea	84,45	Mention of Honour
5º	Günter Höck	Germany	81,08	Mention of Honour
6º	Rafael Gallo Alda	Spain	78,18	
7º	Paul Robert Gregory	United Kingdom	77,42	
8º	Werter Mambelli	Italy	69,69	
9º	Carlos-A. Gonçalez dos S.	Portugal	64,00	

17.- TV & RADIO REPAIR

1º	Masaaki Katahira	Japan	98,00	Gold Medal
2º	Chung Hyung Ku	Korea	91,70	Silver Medal
3º	Gerald David Turner	United Kingdom	81,60	Bronze Medal

4º	Mario-H. da Conçeiçao	Portugal	81,21	Bronze Medal (ex-equo)
5º	Gino Reverberi	Italy	73,18	Mention of Honour
6º	Sheih Chi Lin	China	63,88	
7º	Pierre-André Corthésy	Switzerland	50,54	
8º	Roger Tillmanns	Belgium	49,42	
9º	Franz-Josef Albers	Germany	45,49	
10º	Saturnino Garcia B.	Spain	44,35	

18.- HOUSE WIRING

1º	Yoshimi Kudo	Japan	82,85	Gold Medal
2º	Gert Meier	Liechtenstein	80,31	Silver Medal
3º	Ko Ung Ryul	Korea	75,33	Bronze Medal
4º	Joseph A. Gavin	Ireland	72,08	Mention of Honour
5º	Lodewijk Nauta	Holland	64,73	Mention of Honour
6º	Herwig Schultz	Germany	62,40	Mention of Honour
7º	Henri Tognini	Switzerland	57,85	
8º	Jozef Verbrugghe	Belgium	56,83	
9º	Ettore Pirondi	Italy	56,78	
10º	David Thomas Brooker	United Kingdom	56,25	
11º	Juan-A. Vicente Rodrigo	Spain	44,11	
12º	Emilio da Costa G.	Portugal	26,50	

19.- INDUSTRIAL WIRING

1º	Tomegore Onodera	Japan	92,23	Gold Medal
2º	Richard Hageläuer	Germany	82,54	Silver Medal
3º	Pieter C. van Suylekem	Holland	80,43	Bronze Medal
4º	Fretz Künzi	Switzerland	78,81	Mention of Honour
5º	Joseph Redmond	Ireland	78,06	Mention of Honour
6º	Mariano Antolin Infante	Spain	71,25	
7º	Raymond Hagelstein	Belgium	—,—	Unqualified
8º	Lee Sang Shin	Korea	—,—	Unqualified
9º	Luigi Romanini	Italy	—,—	Unqualified
10º	Antonio-J. Caetano V.	Portugal	—,—	Unqualified
11º	Stuart Peter Woodham	United Kingdom	—,—	Unqualified

20.- BRICKLAYING

1º	Rolf Leder	Switzerland	80,60	Gold Medal
2º	Wolfgang Meincke	Germany	79,72	Gold Medal (ex-equo)
3º	Thomas Peter Holycak	United Kingdom	79,44	Silver Medal
4º	Hermanus J.J. Kok	Holland	74,40	Bronze Medal
5º	Freddy Verhelst	Belgium	63,21	
6º	Choi Joo Shik	Korea	60,78	
7º	Yoichi Sawamura	Japan	57,27	
8º	Basilio Aldama E.	Spain	55,18	

21.- STONE CUTTING

1º	Timothy Neller	United Kingdom	87,50	Gold Medal
2º	Francis Boulanger	Belgium	85,50	Silver Medal
3º	Rolf Schreuer	Germany	81,80	Bronze Medal
4º	Johannes G. Gloudemans	Holland	81,50	Mention of Honour

5º	Toshikazu Egawa	Japan	80,00	Mention of Honour
6º	Park Hi Kyu	Korea	78,75	Mention of Honour

22.- PAINTING

1º	Rolf-Dieter Kellner	Germany	70,68	Gold Medal
2º	Ulrich Fuhrer	Switzerland	69,25	Silver Medal
3º	Michel Thiry	Belgium	69,05	Silver Medal(ex-equo)
4º	Pedro Montañez Linares	Spain	68,04	Bronze Medal
5º	William Moriarty	Ireland	67,05	Bronze Medal(ex-equo)
6º	Johannes N.H. Daanen	Holland	65,67	
7º	Ko Bae Hong	Korea	63,21	
8º	Toshifumi Ishizuka	Japan	56,21	
9º	David William Bambury	United Kingdom	54,83	

23.- PLASTER WORK

1º	Robert Cooper	United Kingdom	73,28	Gold Medal
2º	Mitsuo Hayashi	Japan	70,62	Silver Medal
3º	John Lacey	Ireland	68,50	Bronze Medal
4º	Herman-Josef Pönsgen	Germany	55,50	Mention of Honour
5º	Nicolaas G.J. Willems	Holland	47,40	
6º	Johann Deflorian	Austria	30,00	

24.- CABINET MAKING

1º	Klaus Stöckli	Switzerland	81,75	Gold Medal
2º	Hermann Kruso	Germany	74,75	Silver Medal
3º	Nicholas Frank Halls	United Kingdom	68,75	Bronze Medal
4º	Kim Mun Su	Korea	67,00	Mention of Honour
5º	Masao Takahasi	Japan	65,25	
6º	Wei Wen Huang	China	61,75	
7º	Antonio Lebato F.	Spain	56,25	
8º	Nicolaas J.J. van der Zwet	Holland	50,50	
9º	Martin Ford	Ireland	47,50	

25.- JOINERY

1º	Adrian Peskett	United Kingdom	82,88	Gold Medal
2º	Josef Gattol	Austria	78,92	Silver Medal
3º	Motonobu Nakamura	Japan	73,92	Bronze Medal
4º	Cornelis G.van Tilburg	Holland	71,45	Mention of Honour
5º	Georg Dellner	Germany	67,04	
6º	Michael Gilbert Bornez	Switzerland	66,07	
7º	Kevin Mears	Ireland	59,57	
8º	Cho Sung Hang	Korea	59,47	
9º	Juan Careta Alsina	Spain	56,75	
10º	Jean-Pierre van Belle	Belgium	52,15	
11º	Ernesto Teixeira da F.	Portugal	45,10	

26.- CARPENTRY

1º	Erich Küstner	Germany	90,00	Gold Medal
2º	Kim Tae Ho	Korea	85,83	Silver Medal
3º	Ulrich Hirsbrunner	Switzerland	77,70	Bronze Medal

4º	Terence Smith	Ireland	77,08	Bronze Medal(ex-equo)
5º	Haruo Yusa	Japan	76,67	Mention of Honour
6º	Willem Mensert	Holland	63,37	
7º	Malachy Swail	United Kingdom	47,84	

27.- JEWELLERY

1º	Urs Bachmann	Switzerland	91,90	Gold Medal
2º	Leslie Philip Oakley	United Kingdom	79,25	Silver Medal
3º	Kwak In Ho	Korea	57,35	Bronze Medal
4º	Jose Mª Pinto Gutierrez	Spain	55,50	
5º	Manfred Zwehn	Germany	55,00	
6º	Michael Fitzpatrick	Ireland	54,25	
7º	Fukuo Kanai	Japan	48,25	
8º	Paul T.A. Reijn	Holland	45,50	

28.- TAILORING

1º	Lee Jeung Ku	Korea	89,80	Gold Medal
2º	Yoshiyuki Furuya	Japan	83,15	Silver Medal
3º	Jozof Nahajowski	Belgium	70,40	Bronze Medal
4º	Johannes W.M. op Let Veldt	Holland	69,70	Bronze Medal(ex-equo)
5º	Anton Ettil	Germany	61,20	

29.- LADIES' HAIRDRESSING

1º	Mª del Pilar Martinez M.	Spain	73,60	Gold Medal
2º	Etsuko Saito	Japan	70,50	Silver Medal
3º	Anita Crab	Belgium	68,50	Bronze Medal
4º	Sophia A.H. de Jong	Holland	58,50	
5º	Kim Ho Yung	Korea	56,00	
6º	Bernhard Reichenstein	Switzerland	55,30	
7º	Holger Laufhütte	Germany	48,00	
8º	Eileen Jefferies	Ireland	42,10	

30.- MEN'S HAIRDRESSING

1º	Jozef Noens	Belgium	89,40	Gold Medal
2º	Sung Wang Bok	Korea	88,90	Gold Medal(ex-equo)
3º	Marga Abromeit	Germany	88,10	Silver Medal
4º	Yusiko Goto	Japan	87,50	Silver Medal(ex-equo)
5º	Johannes E. Teske	Holland	85,20	Bronze Medal
6º	Anastasio Gonzalez N.	Spain	81,20	

MINUTES OF THE MEETING OF THE ORGANIZING COUNCIL HELD AT THE ADULT TRAINING CETRE AT CHIBA (JAPAN) ON THE 17TH. NOVEMBER.

Present:

Chairman of the Organizing Council

Mr. Palomares

Chairman of the Technical Committee

Mr. Hamer

Vice-Presidents

Mr. Hayakawa
Mr. Ramos

Members

Dr. Cech
Dr. Schubert
Mr. Haüsler-Angeli
Mr. Bammer
Mr. Vastiau
Mr. Vlaemminck
Mr. Kang
Mr. Lee
Mr. Wang
Mr. Liu
Mr. Serrano
Mr. Bertelsman
Mr. Power
Mr. Ferrari
Mr. Ghedini
Mr. Furuya
Mr. Miyamori
Mr. Walser
Prof. Seger
Mr. Raimondo
Mr. Chircop
Mr. Leitao
Mr. Dias Ferreira
Mr. Reeves
Mr. Hiu
Mr. Müller
Mr. Schürch

Secretariat

Mr. Albert
Mr. Capdepón

The International President Mr. Palomares reminded the Committee that at the first meeting of the Council it had been agreed that persons not members of the Council should not be allowed to attend. However, taking into consideration the requests made by several countries asking that the official observers be allowed to attend, he proposed that these persons should be given permission since there was nothing written in the regulations which would counteract this possibility. This was approved unanimously.

Approval, if given, of the Minutes of the meetings of the Technical Committee on the 7th. November 1970 and of the Organizing Council on the 9th. of the same month.
Approved unanimously.

Approval, if given, of the marks and awards proposed by the Marking Juries and approved by the Technical Committee.
Mr. Hamer commented on the excellent collaboration he had received from the Technical Committee and Experts and on the close spirit of understanding which had been present throughout.

He continued by informing the Committee of the proposed names put forward by the Marking Juries and which had been approved by the Technical Committee. These were unanimously approved although in a few trades several points were discussed as follows:

Watch-making and Repair

Mr. Miyamori proposed that a mention of Honour be given to the Korean Competitor who had more marks than the German Competitor who had received this award. Mr. Hamer pointed out that the mention of Honour had been awarded to the German Competitor, Dieter Eils, for his exceptional human talents in overcoming the difficulties caused by the injury to his hand and continuing with his work and not for the marks he received. Having clarified this position the proposal of the Technical Committee was ratified.

Constructional Steelwork

Mr. Schürch proposed that a mention of Honour be given to the Swiss Competitor Pierre Cogniat since he believed him to be worthy of such an award. Mr. Miyamori was not in agreement with this proposal since the Swiss Competitor had gained marks which were 5.17 points in difference and he therefore considered this not a valid case. Mr. Serrano said that in other trades, mentions of Honour had been given with a greater difference of marks between competitors and he therefore thought the Swiss Representative's request justified. Mr. Hamer agreed with the reasons given by Mr. Miyamori and asked the Committee to abide by the proposal formulated by the Technical Committee and not award a mention of Honour in this trade. Unanimous approval was given.

Brickwork

Mr. Power pointed out that the difference between the competitors classified in first and second places was less than one point and therefore suggested that an ex-equo Gold medal be awarded to the German Competitor, Wolfgang Meincke. This was approved unanimously.

Gentlemen's Hairdressing.

Mr. Miyamori pointed out that the difference in marks between the German and Japanese competitors was less than one point, and he therefore suggested that an ex-equo Silver medal be given to the Japanese Competitor, Yoshiko Goto. Mr. Hamer thought it was more fair to award the Japanese Competitor with a Bronze medal since two Gold medals had been awarded in this trade. Mr. Vastiau agreed with Mr. Hamer although he was not opposed to the award of two Silver medals. The President, Mr. Palomares, considered that agreements must be respected and if in this competition it was agreed to award double medals to those competitors whose marking was one or less of a mark different, he thought that in this case two Silver medals should be awarded although two Gold medals had been awarded. Unanimous approval was given.

The marks and awards granted in trades not mentioned here were approved unanimously without any discrepancies.

Celebration of the XX International Competition

Dr. Schubert considered that, in future competitions, definite standards should be laid down about the awarding of marks and medals. He thought that this question ought to be considered by the Committee set up to study the future of the Competition.

Mr. Ramos reminded the Committee of the communication presented to Messrs. Raspe and Schubert on the convenience of limiting the number of trades to be held in any one year to twenty. He believed this to be a good idea which would avoid allowing the Competition to get out of hand. Because of this, he proposed that before the Annual Meeting of the Organizing Council these proposals should be taken into account so that a smaller and less expensive competition could be held next year.

Mr. Ramos requested that the country to hold the XX Competition should not be decided upon at this meeting but after the meeting of the Committee set up to study the future of the competitions. Mr. Albert was of the opinion that the organization of a competition needed a great deal of time and for that reason the question of the XX I.A.C. should be decided at this point in time.

Mr. Hamer agreed with Mr. Albert and Mr. Furuya reminded the Committee of this request at Lisbon, that the continuity of the competitions should not be interrupted thus prejudicing those countries which had already chosen their team for 1971, as in the case of Japan and Korea. Dr. Schubert understood Mr. Furuya's position and informed the Committee that Germany also had just finished their selection in the month of November and he proposed that trades to be part of the Competition should be examined. Messrs. Müller and Hamer showed interest in knowing the Council's opinion on the question of holding competitions every year since they believed that this obligation could cause difficulties to countries in future years.

Mr. Ramos insisted on the necessity of holding a meeting of those members of the Council who made up the Sub-Committee to study the future, and that a full-scale Competition should not be held but one on a lesser scale with limited trades. He proposed that the 1971 Competition be held in Spain. Mr. Ramos' proposal was accepted unanimously. Dr. Schubert commented that a competition should not be held in 1971 since with all the problems which had been put forward it was very necessary to make a study for the future and he therefore proposed that the next competition should be held in 1972. He related these problems to the actual number of participating countries and competitors, to the necessity of modifying the actual marking system used, the necessity for a more detailed preparation of trade descriptions and the necessity of bringing up-to-date the rules of the Competition and Technical Committee.

The General Secretary insisted that it was necessary to fix a date for the preparatory meeting for the 1971 Competition in which the Organizing Council should decide upon the trades to be included, form the commissions and marking juries and made a decision on the question of the age limit for competitors. He also thought it desirable to fix a date or dates for the meeting of the Sub-Committee due to study the future of the Competition.

Mr. Ramos proposed that the Sub-Committee and the Council should meet in the same week using seven days in all, i.e. three days for a meeting of the Sub-Committee and another three days for the Council meeting with one day for arrival and departure of members.

The President informed the Council of the wishes of the Liechtenstein delegation that the Sub-Committee should meet in that country in January 1971. Prof. Seger explained that at present he was unable to give definite dates since he would have to consult

the authorities in his country first.

Dr. Schubert did not think it was a good idea to hold the Council and Sub-Committee meetings in one week and proposed that the Sub-Committee should meet in January and the Council in April.

Mr. Dias Ferreira thought it was very necessary that, after the meeting of the Council all Representatives should be able to return to their Countries knowing the dates and details of the next meetings of the Council and of the 1971 Competition.

After an extensive debate on the above problems the following were agreed:

1) That the 1971 Competition would be held in Spain in September of that year.

2) That the Sub-Committee set up to study the future of the Competition and the Organizing Council should meet during the last ten days of January 1971 in Spain, although Messrs. Hamer and Schubert were not in agreement with this and wished the meeting to be held in Brussels. When submitted to vote the majority chose to hold the said meetings in Spain.

Following this, the President went on to say that at the meeting of the Council on the 9th. November when the Sub-Committee was set up to study the future, it had been decided that in the absence of the President the Vice-President should be the person most senior in age of the above-mentioned Sub-Committee. He said that he had reconsidered this question and had arrived at the conclusion that it would be better to decide upon a particular person. He proposed that the agreement be changed and that Dr. Ceoh, Official German Representative, be nominated as Vice-President of the Committee. The Council were unanimously in agreement and accepted the President's proposal and Dr. Cech was consequently dominated as Vice-President of the Sub-Committee set up to study the future of the Competition.

The Council then went on to study the problems of entry of new countries into the competition and the actual formal and official request presented to the Secretariat by Mr. Wang, Official Representative of China, Taipei. Mr. Hamer stated that he did not think it convenient to solve this question at this particular time and proposed that this country be allowed to continue participating in the same conditions as at present. A variety of opinions was expressed by the member of the Council but an agreement was made, with the sole abstention from Mr. Hamer, that China Taipei should be admitted to the Competition from that moment onwards with full rights. Mr. Wang spoke very emotionally thanking the Council for their decision which his country had been hoping for with great interest.

The President acknowledged the decision by the Council to accept the membership of China Taipei with great satisfaction. He said that all members were working with good will, a great spirit and with a feeling of understanding in this large family

of the Competition, and for that reason he welcomed a new member to the family, which responded to the sense of universality as proclaimed by the Competition insignia.

The President went on to express feelings of gratitude and admiration for the excellent work carried out by Mr. Hamer in the place of our dear friend Mr. Woerner. The work he had done had been excellent and the absence of our former chairman had been noticed only by the lack of his physical and moral presence. Mr. Hamer had made a great effort to make sure that the technical side of the organization of the Competition should be successful. The President also thanked all Experts and workshop masters for their collaboration which made possible the successful running of the Competition.

He praised the work done by Messrs. Hayakawa, Furuya and Miyamori for their effort and work, and the Organizing Council reinforced his words with warm applause.

He proposed that in compliance with Rules and in view of the special interest shown in the Competition that his Highness Prince Aki-Hito should be nominated as an Honourable Member to the Council. The President's proposal was applauded and approved unanimously.

Mr. Hill asked for it to be recorded in the Minutes that all members acknowledged with thanks the work carried out by the Secretariat.

Dr. Schubert proposed that a greetings telegramme be sent to Mr. O'Flanagan. Mr. Ramos proposed that the posthumous title of Honourable Member be bestowed on Mr. Woerner.

All three proposals were approved unanimously.

Mr. Hayakawa thanked the Committee for their kind words directed to the Japanese Committee, the workshop masters and to himself, and he hoped that the Competition would continue to go forward with greater and greater success. He wished all members a happy journey home to their respective countries.

There being no other business the President closed the meeting requesting the preparation of these Minutes which I, as Secretary, certify as correct.