

18th

International Apprentice Competition 1969
Report of the General Secretariat

Brussels

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FOREWORD

Once more this annual publication appears - whose aim it is to give a faithful account of the organization and progress of the International Competitions.

Last year, for the first time, this report was published in four languages. This year we propose to do the same, as many individuals and institutions now ask for information about our activities. Proof is that the English, French, German and Spanish editions are exhausted; more than 2.000 copies were sent out only to organizations and individuals prominent in the worlds of Industry, trades, business and apprentice training:

We wish to dedicate this year's modest publication to a country which has rejoined our Competitions after several years absence. We refer to Austria an old and dear friend who again honours us with her presence. With our cordial welcome goes the wish that her association with us now will be long. And may she have the best possible success in future Competitions!.

The reader has our friendliest invitation to look into our pages, where he will find full information on the Organization and progress of the 18th International Apprentice Competition, held in Brussels, and details of the marks, places and prizes obtained by the participating countries.

Many thanks for your attention.

ORGANIZATION OF THE COMPETITION

The Annual General Meeting of the Organizing Council took place from 24th to 26th, 1968. All the Technical and Official Representatives of the member countries were in attendance.

An important item on the Agenda of the meeting was the naming of the new International President. Don Baldomero Palomares was unanimously elected. From that moment, and for a period of 5 years, he will hold the Presidency of the Organizing Council, the body governing the Contests.

The Technical Representative for Germany, Mr. Woerner, was re-elected, also unanimously, as President of the Technical Committee for a further year.

Similarly and in accordance with the By-Laws, the Official Representative for Belgium, Mr. Vlaemmink, was elected International Vicepresident, his country being the organizer of the Contest.

Unanimous approval was given to the Technical Committee Regulations which had been under study a Commission appointed by the Organizing Council. The same Commission was also studying the concepts which should be expressed in the description of the trades to be convoked at the 18th Competition.

The Belgian Mission reported on the preparations for this Competition and indicated what dates had been settled upon, what trades were to be included in the Competition and what others new ones were to be the subject of demonstration or exhibition.

Presidents of Jury and experts were designated for each trade, it being among their functions to choose the exercise proposed for the tests, and to appraise the work presented. It was borne in mind that the three persons comprising a Jury must never be of the same nationality.

Estimations were given of the number of contestants to be sent by each country. A notable increase was seen over the numbers in previous years.

The technical conditions needed for each trade were assessed, and the age limit for contestants was ratified at 20 years.

Finally, dates were decided on for the Meeting of the Commission named by the Organizing Council so that work on the descriptions of the separate trades could be terminated, and further consideration given to the question of the importance of the time factor in the total marks awarded in each trade.

In view of the United Kingdom offer, it was agreed to hold the Meeting in London in January. Subsequently, a further meeting was convoked in Bonn for May of this year, for which the German Mission had also offered hospitality.

We are very thankful to the British and German Missions for their generous offer and for the kindness they showed the Secretariat-General and the Technical Representatives for Germany, Belgium, Spain, Holland, Ireland, United Kingdom and Switzerland, who, on the nomination of the Organizing Council, made up this Study Commission.

ORGANIZERS OF THE 18TH COMPETITION

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

The Technical Representatives, who, together with their President, form the Technical Committee, are in their turn Presidents of the various Juries, assisted by two experts of different nationality for each trade.

The responsibility for organizing the actual Competitions falls to an Organizing Committee, composed of eminent persons from the host country. In this present case, it was the Belgian National Apprentice Training Committee which provided the assistance and collaboration which made the Competition possible.

In the following pages, lists are given of the persons and entities whose generous intervention was directly responsible for the success of the 18th International Competition. From these pages we extend to them our warmest gratitude and thanks for their invaluable help.

ORGANIZING COUNCIL OF THE INTERNATIONAL APPRENTICE
COMPETITIONS

PRESIDENT

VICE-PRESIDENT

VICE-PRESIDENT

VOTING MEMBERS

<u>COUNTRY</u>	<u>OFFICIAL REPRESENTATIVE</u>	<u>TECHNICAL REPRESENTATIVE</u>
Germany	Helmut Schubert	Franz Woerner
Austria	H. Häusler-Angeli	Hans Bammer
Belgium	Pierre Vlaemmink	Jean Vastiau
Korea	Chang Jeung Lee	Myung Soon Kang
Spain	Faustino Ramos	Diomedes Palencia
Holland	W.C.S. Laman Trip	H.J.H. Hamer
Ireland	Michael O'Flanagan	Seamus Power
Italy	Armando Malagodi	Giuliano Ghedini
Japan	Yoshikazu Furuya	Shigenobu Miyamori
Liechtenstein	Otto Seger	Carl Walsor
Luxemburg	Gaston Glaesener	Jacques Mischo
Malta	Alfred A. Chircop	Anthony Raimondo
Portugal	Carlos A. Dias Ferreira	Jose Eduardo Vilar Queiroz
United Kingdom	Fred D. Hill	F.M. Reeves
Switzerland	Albert Müller	Ernst Schürch

SECRETARIAT-GENERAL

Secretary-General

Francisco Albert Vidal

Head of Secretariat

Julio Capdepón Torres

BELGIAN ORGANIZING COMMITTEEPRESIDENT

R. Moreeuw President of the National Committee of Apprentices
Training and Proficiency.

MEMBERS

R. de Wewer Vice-president of the National Committee
P. Legen Vice-president of the National Committee
P. Minon Vice-president of the National Committee
P. Sablon Secretary-General of the National Committee
P. Mariamé Director of the National Committee
J. Cluytens Administrative Director of the Ministry of the Middle
Classes.

HEADS OF SERVICES

Secretariat for translations	J. Van Camp
Hotel services	P. Mariamé
Chief of heads of groups	L. Van Maldergem
Transport and Excursions	M. De Smet

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We are honoured to list below the organizations, firms and other bodies which made it possible to hold the 18th International Competition. Our warmest thanks for their collaboration and generous help.

Ministère de la Culture
 Ministère de l'Education Nationale
 Ministère de l'Empli et du Travail
 Gouvernement Provincial du Bravant
 Caise Nationale de Crédit Profesionell, Bruxelles
 Office Nationale de l'Emploi, Bruxelles
 Administration Communale d'Anderlecht
 Administration Communale de Bruxelles
 Administration Communale de Gand
 Administration Communale de Wolowe-St-Pierre
 Croix Rouge de Belgique, Bruxelles
 Instituto Technique D. Bosco, Woluwe-St-Pierre
 Centre d'Enseignement et de recherches des Industries Alimentaires
 et Chimiques, Bruxelles 7
 Ecole Technique Superieure de l'Etat, Bruxelles 7
 Institut des Arts et Metiers, Bruxelles
 Nationale Schilderschool, Utrecht
 Stedelijke Technische Scholen, Gent
 Vrij Technisch Instituut, Ieper
 Ideal standard, Bruxelles
 Weiler K.G. Werkzeugmaschinenfabrik Herzogenaurach, Nürnberg
 Clarkson - Belgium, Bruxelles
 E.S.A.B., Diegen
 Centre d'Information de l'Aluminium, Bruxelles
 Institut Belge de la Soudure, Bruxelles
 Picañol, Ieper
 Fabrique Nationale d'Armes de guerre, Herstal
 Stichting Vakopleiding Smecoma, Baarn
 Nederlands Comité Beroepswedstrijden, Amstelveen
 Centre Belge d'information de cuivre, Bruxelles
 Manufacture de Cables electriques et de caoutchouc, Eupen
 Philips S.A., Bruxelles
 Technicum Neuchatolois
 Gardy S.A. Bruxelles
 Federation Nationale Belge du Bâtiment et des Travaux publics
 Bruxelles
 Cigrasa, Bruxelles
 Federation de l'industrie du Petit Granit, Bruxelles
 Diamant Boart, Bruxelles
 Bekaert S.A. Zwevegem
 Linex S.A. Lauwe
 De Keyn, Bruxelles-Vilverde
 Union Nationale des Entrepreneurs plafonneurs, cimentiers, ornema-
 nisters, reijointoyeurs, Staffeurs et plâtriers, Bruxelles
 National Verbond der Houtverworkonde Ambachten, Bruxelles
 Comité National de la Bijouterie, Horlogerie, Joaillerie, Orfevrerie
 Medailles et insignes, Métaux précieux et des Profession connexes
 Bruxelles

L'Oreal, Bruxelles
Wella, Grand-Bigard
Schwarzkopf, Bruxelles
Fourcroy S.A. Bruxelles
Isca, Overijse - Hooilaart
Madame Odon Warland, Bruxelles
Workspoor S.A. Utrecht
Arcos S.A. Bruxelles.

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BRIEF DESCRIPTION OF THE DON BOSCO TECHNICAL INSTITUTE OF APPRENTICE TRAINING, RUN BY THE SALESIAN CONGREGATION, THE PLACE WHERE THE COMPETITION WAS HELD.

This Institution was founded in 1924, and since then has given vocational and apprentice training in mechanics, constructional steel work, the wood and electrical trades and graphic arts. Subsequently, the study of electronics was added to the already ample curriculum.

Under the auspices of the municipal authority of Woluwe St. Pierre, it accommodates 1.400 boarding and day pupils.

The Institute comprises a series of buildings and installations perfectly orientated towards its aims and purposes.

Its adaptation for the Competition allowed our activities to progress with that degree of the coordination care and independence which their diverse and complex nature demanded of the Organizing Council, the Technical Committee, The qualifying Juries, and the General and Belgian Secretariats.

The rectangular form in which the buildings of the Institute are grouped allowed an excellent distribution of our necessary offices, workshops and other services - which contributed considerably to the efficient running of the Competition.

For example, in the central building, facing on to Avenue de la , the Presidency and the Reception were installed, as well as the workshops for jewellery, Watchmaking, Upholstery and Hairdressing.

In the building forming the right wing, the Belgian Secretariat, the Secretariat-General and the simultaneous translation bureau were set up.

In the rear wing, separated from the rest of the building by an ample courtyard normally used for sports - and in its left-hand section, the workshops for the following trades were set up: Fitting, Presstool-making, Instrument making, Turning, and Milling. Adjacent to these were the workshops for the wood trades (Carpentry, Joinery, and Cabinet making). Then came the workshops for Foundry Moulding, Woodpatternmaking, Panel Beating, Sheet metal work, Gas and Electric welding, and finally, the place set aside for Engineering drawing.

In the courtyard, and projected by a marquee, the Stone Cutting workshop was set up:

In the right section of the rear wing, were the workshops for these trades: Painting, Bricklaying, Plumbing, Plaster work, Tailoring, Industrial electronics, House wiring, Industrial wiring, and Radio & TV repairing.

Such an arrangement allowed the test work to be inspected quickly and comfortably by anyone desiring to do so, whether he belonged to the Competition or not.

Without any doubt, the Don Bosco Institute is magnificently conceived, equipped and adaptable. It certainly provided an ideal setting for our activities. And we should like once again to say how very grateful we are to have been so generously permitted the use of it.

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FACTS ABOUT THE 18TH INTERNATIONAL COMPETITION

The International Competitions are not only contests among young apprentices in their respective trades, but also a means of initiating and reinforcing bonds of friendship and understanding among young people of different nationalities. As well, they provide an opportunity for seeing what outlooks and methods prevail in the world of apprentice training in the most advanced countries on two continents.

In the following pages, details are given of Competition activities - not only the purely technical ones, but others of a historical, cultural, artistic, tourist etc. character.

PLACE AND DATES

As we have said before, the Competition was held in the Don Bosco Technical Institute, which is directed by the Salesian Fathers. The fact that all the test work was carried out within the Institute greatly facilitated coordination between the Belgian and General Secretariats and the different workshops and Juries.

Work began on 8th July, finishing on 12th. Only in some trades was it necessary to prolong the time first allowed, and even so work in all trades was definitely completed on 13th.

LODGING OF PARTICIPANTS

The contestants were lodged in a magnificent building surrounded by fine parks and many sporting installations. This Centre is normally used for the training of personnel for the hotel and food industries. It is provided with a Meeting Hall and with numerous secondary installations sufficient to meet any need of the student body as far as cultural, pedagogic, sporting etc. matters are concerned.

The name of this establishment is the C.E.R.I.A. (Centre d'Enseignements et de Recherches des Industries Alimentaires et Chimiques (food and Chemical Teaching and Research Centre) It belongs to the Provincial Authority of the Brabant Region)

The Organizing Council, experts, official observers and guests had accommodation in two central hotels in Brussels.

DEVELOPMENT OF THE COMPETITION

From 29th June to 1st July

The Secretariat-General set up its office in the Don Bosco Technical Institute and established contact with the Secretariat installed in the same building by the Belgian National Committee. Only the close liaison between the two Secretariats made it possible to cope with the tremendous amount of preparatory work.

From 1st to 5th July

1st July saw the arrival of the 56 experts and the 15 Technical Representatives forming the 28 Juries which were to judge and assess the work of the contestants.

The Technical Committee and experts held two meetings, at which agreements were reached on the technical standards and conditions to be applied during the Competition.

On the two days indicated, the following preliminary jobs were attended to:

- a) Formation of the 14 Qualifying Commissions, each one presided over by a President, composed of a Technical Representative from each member country, and assisted by two experts (of different nationality) for each of the trades ascribed to that Commission.

- b) Selection of the best exercises proposal from among all those presented by member countries in each one of the trades. This choice was made by the different Commissions constituted.
- c) According to the nature of the exercise selected, making up of the marking schedule, determination of the time to be allowed for carrying out the work; drawing up of instructions for contestants and experts; copying of the plans chosen, and translation into 9 languages of all necessary directions and information.
- d) Preparation by heads of workshop, under the direction of the experts, of the materials needed for the work in each trade.
- e) Inspection of the state of the machinery and tools available in each workshop, and attention to other necessary details there.

5th July

Arrival of Official Representatives, heads of team, and contestants. They were met by persons delegated by the Belgian National Apprentices Training Committee and taken to their hotels etc.

From 6th to 12 July

During the morning of 6th July, the solemn opening of the 18th International Competition, in Brussels, took place. The ceremony was held in the auditorium of the C.E.R.I.A.; details of it will be found further on in this report.

Because of last minute difficulties, the beginning of the Competition work had to be postponed till 8th July. On that day, and after having allowed the contestants time to become familiar with the equipment available to them, work began in two daily periods - from 9 a.m. to 12.30 p.m. in the morning, and from 2 p.m. to 6 p.m. in the afternoon. On the morning of 7th July, a full session of the Organizing Council was held in the simultaneous translation room situated in one of the annexes of the Don. Bosco Technical Institute; unanimous approval was given to the provisions agreed upon by the Technical Committee at its meetings on 3rd and 5th July, details of which will be found in the third section of this report.

13th & 14th July

The Qualifying Juries, in two very full, crowded days of work, attended to appraising the work presented by the contestants. In some trades, because of the variety of concepts to be considered on marking, results were not handed in till moments before the full session of the Organizing Council, which was obliged to ratify them without recording them definitively and formally.

In the meantime, contestants, official Representatives, observers, guests and the experts and technical representatives whose marking duties were finished, were also able to make excursions to cities such as Namur, Bruges, Ostend, Waterloo, Dinant, Beasuring, Middelkerke, Ghent, etc.

The charm of the old Belgium cities captivated everybody.

15th July

During the morning, the closing ceremony of the Competition took place in the Auditorium of the C.E.R.I.A. The names of the prize-winners were announced, and the medals and other awards were distributed.

During the afternoon, everybody took advantage of the excellent opportunities Brussels offered to buy souvenirs and gifts.

16th July

The different national groups left Brussels on the return journey to their own countries.

OPENING CEREMONY

On 6th July, at 10 o'clock in the morning, the formal opening ceremony was held in the magnificent auditorium of the C. E.R.I.A.

Mr. Moreeuw, President of the Belgian National Apprentice Training Committee, presided. On his right was His Excellency Mr. Hanin, and on his left the International President, Mr. Palomares.

Also in the President's party were the International Vice-presidents, Messrs. Vlaemmink and Ramos, the President of the Technical Committee, Mr. Woerner, the Secretary-General of the Belgian National Committee, Mr. Sablon, and the Secretary-General of the Competitions, Mr. Albert.

In the first rows of the auditorium were seated the members of the Organizing Council and the experts. Guests and contestants filled the rest of the Hall. The superb band of the Regiment of Alpine Guides provided a musical background to the whole ceremony, playing different compositions as well as the national anthems of the various member countries.

The ceremony began with the entry procession of the flags of the countries participating, each to the accompaniment of the respective national anthem. Entrance of the flags was in strict alphabetical order of countries; the Belgian flag, however, was played in last, Belgium being the host Country.

The flag-bearers stood to right and left of the President's party. (At the end of the ceremony, they left their flags unfurled in the auditorium).

The President of the Belgian National Committee, Mr. Moreeuw, then made his address. He spoke of the significance the Competitions had for young working people, and expressed his pleasure at Brussels being the city to welcome the best apprentices from 15 countries, who, had come in the spirit of sportsmanship and with all their technical ability to compete in each of the trades convoked.

He finished his speech by wishing all those present an enjoyable stay in Belgium and saying that he was confident the 18th International Contest would be a resounding success.

The International President of the Apprentice Competitions, Mr. Palomares, then took the floor. He pointed out that this was the second occasion on which Belgium, through the Competitions, had offered its hospitality, resources and experience so that amazing variety of men, with their widely differing ideas, might join forces in the enthusiastic, whole-hearted performance of a common task.

He thanked His Excellency Mr. Hanin for his generous help, without which the Contest could not have been held. And he thanked the Belgian Organizing Committee for its collaboration in the organization of those activities, and likewise all the individuals and entities at all levels whose assistance had been necessary in making so many preparations.

He then spoke especially to the contestants who, he said, were the real actors in this Competition. He hoped that, having succeeded because of their merits in the selection tests in their own countries, they would now undertake this second test with the same sportsmanship, enthusiasm and spirit of fair play which were so especially theirs. It was true that the giving of medals and awards to the prize-winners would be a just recognition of their merits. But, when all was said and done, marks awarded were only cold numbers. There were certain qualities that could not be assessed in terms of numbers, though they were clearly of the highest value. He referred, he said, to such things as pleasure in one's work, sustained effort and enthusiasm, help given to a workmate, team spirit, satisfaction in the triumph of a rival, a spirit sacrifice and knowing how to lose gracefully. Mr. Palomares said it was his conviction that, if those qualities figured on the marking schedules, each of the contestants would return home with a gold medal.

His final words were a reminder of the immense value of the role played by the International Council, whose members worked indefatigably year after year, and were only sustained in their task by a firm faith in the importance of their Mission.

The last speech was given by His Excellency Mr. Hanin, who first wished every success for the Competition, saying he was an enthusiastic supporter of it through the Belgian National Apprentice Training Committee. In his opinion, this activity was the ideal way to stimulate and train young apprentices. Furthermore, among member countries it allowed a valuable interchange of ideas on systems and techniques of apprentice training. In conclusion, he extended a warm welcome to all those present, and wished everyone a happy stay in Belgium.

The ceremony was brought to a close to the accompaniment of the Guide's Band playing their regimental anthem.

CULTURAL AND RECREATIONAL PROGRAMME

For July 13th and 14th, the Belgian Organizing Committee had provided a programme of excursions to places of extraordinary cultural and historic interest.

One excursion, for example, on a day when the weather was excellent, visited Waterloo, Namur, Dinant, Beasuring, (where there was a stop for lunch) and then Han, Rochefort and Marche. After leaving Hui in the middle of the afternoon, it passed through Eghezoo, Wavre and Vosvoerde before returning to Brussels. The young people on the excursions cannot fail to have been deeply impressed by the many places of historic interest they saw.

On 14th July, there was a visit to Ghent. Guides accompanied the different groups on a visit to the marvellous cathedral. Then, after a quick tour of the city, the excursion continued on to a polytechnic school in the vicinity of Bruges, where lunch was served. Here, once again, it was plain to everyone how magnificently set up and equipped such teaching centres are in Belgium; they dispose of large areas of land, and everything that contributes to the integral development of the pupils is available.

At 2 p.m. the party left for Middelkerke, a summer resort by the sea, where many people enjoyed a swim in the cold waters of the North Sea. Others preferred to make a tour on this charming city and acquire some souvenirs.

At 6 p.m. there was a visit to the incomparable Bruges, which bewitched everyone.

The pleasant day was brought to an end by a supper given in the same place where the party had lunched.

VISITS RECEIVED

A remarkably large number of people paid visits to the Don. Bosco Technical Institute to witness the progress of the Contest. Persons from all walks of life visited the workshops and, at close quarters, saw the contestants at their work.

On 8th July, the Diplomatic Corps accredited in Brussels paid us the honour of wishing to see test work in progress. Correspondents of the national and international Press, radio and television also visited us and reported on our activities.

During the morning of Wednesday, 8th July, visits were received from many persons prominent in Belgian life - Governors, Mayors, members of the Chamber of Deputies and of the Senate. During the afternoon, further visits were paid by persons connected with the apprentice training and orientation, teaching, and various Belgian Federations.

From these pages, we should like to express our thanks to all those who gave us the pleasure of visiting us.

CLOSING CEREMONY

At 10 a.m. on 15th July, the closing ceremony of the 18th International Apprentice Competition began in the Auditorium of the C.E.R.I.A. The same persons as at the opening ceremony made up the Presential Party.

The atmosphere was filled with a general excitement, to which the young contestants contributed more than anyone. Perhaps it was just as well that the Band of the Regiment of Guides was present to provide calming music.

The Secretary-General of the Competitions immediately read out the list of contestants who had won the Gold, Silver and Bronze Medals in each of the trades, as well as the Honourable Mentions. His Excellency the Minister for Medium Classes, the International President, the President of the Belgian National Apprentice Training Committee and the International Vicepresidents distributed the medals and awards to the winners.

When this part of the ceremony was finished, Mr. Moreeuw addressed the audience, giving his whole-hearted congratulations to the prize-winners. He encouraged all the contestants to persevere with their training so as to serve the community even better in the future. He wished all those who had attended the Competition a pleasant return journey to their home.

The International President, Mr. Palomares, then rose and made the following speech:

"Your Excellency, Mr. President of the Belgian National Apprentice Training Committee, Ladies and Gentlemen.

Once again, for the eighteenth time, an International Competition comes to its end.

The City of Brussels, well accustomed to events of an international character, has also welcomed our activities, which, because of their nature, make it possible for young people working in 30 different trades and coming from countries scattered over two Continents, to live and work together, competing among themselves enthusiastically, at the highest level of training.

It is this we have been able to do. Make this meeting possible and put into practice one of the ideas which most preoccupied the nations of the world of today - that of the mutual knowledge of their young people as a prior condition to that understanding which will aid us in making the world a better place.

That is why I wish to direct my attention to you young contestants. It was because of you, for you and with you that these Competitions came into being in 1952. And it is clear that our objectives then have been attained a hundredfold. We have watched you absorbed in your work, lavishing on it your technical knowledge and manual skill. We have seen you share your tools and equipment, and recognize without envy the greater abilities of your rivals. It has also been a great pleasure to us to see you how you understand one another in spite of your language problems. And we have heard your songs and happiness on many tumultuous occasions,

Here too, in this very Hall, where some of you have received justly merited trophies, we have heard your enthusiastic applause, and seen your good sportsmen's grace towards those who have no prizes.

The Competition, we might say, has been the occasion for demonstrating the level of our culture - expressed by yourselves in a special way in our present civilization; a culture that is solid at base, favouring the development of intellectual qualities, and allowing you to possess technical training enough to put into practice what you have been taught - not only with dexterity and skill, but with understanding and knowledge too.

It is for this reason that we here wish to express our admiration of the experts, masters and other persons responsible, who, in each country, in the worlds of classroom and workshop, in the Institute and the commercial enterprise, with enthusiasm and effort, strive to pass on their technical skills, their sense of discipline and method in work - qualities so clearly manifest at this Competition. Their presence is felt here; indeed, they are represented by the officials who form the Juries. On behalf of the Council, I wish to say what esteem and gratitude we feel towards them.

The Organizing Council, heart and soul of the Competitions, makes possible the opening of new horizons, the cultivation of new interests, and the awakening in yourselves of conscious, dynamic attitudes. As a part of this and as another aspect of the Competition, thanks to the generosity of the Belgian National Committee, you have been offered opportunities to cultivate your aesthetic sense, to search for your own way of personal expression, to cultivate your creative spirit; it was with that in mind that Namur, Ghent, Bruges, and Ostend were so generously shown to you.

We wish to draw attention to the presence of observers and visitors from many countries, and say how grateful we are for it: They have seen the organization of the Competition, and having seen you at your work, they will esteem us and help us attain our ends.

We very much regret the small accidents some of you have suffered. And also the absence of our good friends Dr. Coch and Mr. Walser, official and technical representatives for Germany and Liechtenstein respectively, to whom we send our affectionate good wishes for their quick and complete recovery - as we do also to the technical Representative for Spain, Mr. Palencia, who met with a small accident, and to the boys who suffered slight injuries.

We are sure, my dear young friends, that your participation in this Competition will leave you with unforgettable memories. Your taking part in it will be the last lesson of your long apprenticeship - and for that very reason it is so worthy of your closest attention. Don't forget it. In a few years, when you have reached the top of your professions you will recognize the importance of the 18th International Apprentice Competition had in your ideas and your lives.

With great satisfaction, the Organizing Council extends its most cordial congratulations to the prize-winners. And also to those of you who have received no prize, because all of you merit them for having put into your work the best that a man can give: conviction, light-heartedness, efficiency, a sense of responsibility, good - fellowship and love for work.

Your Excellency, Mr. President of the Belgian National Committee, allow me to repeat how grateful the Organizing Council is for your generous help. We beg you to convey to the Government and to His Majesty the King our heartfelt thanks for the cordial welcome and hospitality shown us by the Belgian people.

Our thanks and gratitude to the Don. Bosco Technical Institute, to the Salesian Fathers and to the C.E.R.I.A. for the attention and patience showered on all of us so many days.

Allow me for a moment to speak particularly of our friends, Messrs. Vlaemink and Vastiau. Since last October, they have devoted all their vigilance and care to assuring that the thousand complicated details and necessities were attended to. For them, our special thanks:

The 18th International Competition is drawing to its close. But the members of the Organizing Council, whom I shall have the honour of welcoming in Granada next November, will continue their work, organizing the 19th Competition, to be held in Tokyo.. Their constant aim will be that young people might bring efforts and knowledge to a sincerely felt vocation - that of offering their work in the cause of peace and of the job well done, and as a tribute to friendship among men and peoples.

The tasks of the 18th Competition have finished.

Many thanks to all of you.

His Excellency the Minister, Mr. Hanin, brought the ceremony to its close. He said what pleasure it gave him to preside at a ceremony attended by young people who represented all the promise of tomorrow. He congratulated the Don. Bosco Technical Institute on the provisions made for the accommodation of the Competition, and the contestants on the enthusiasm they had shown, and on the excellence of their technical knowledge and personal qualities.

He went on to say it was his hope that Belgium had welcomed everyone with its traditional hospitality, and he expressed his certainty that the contestants would continue perfecting their training and attainments, as tomorrow's world would be what today's young people made it.

In conclusion, His Excellency handed to the International President a Medal commemorating the Competition, accompanied by a parchment recognizing the role the Organizing Council played in the Vocational training of young people of two Continents.

Subsequently, the ~~flag~~-bearers of each group took up their respective colours and, to the accompaniment of a march, left the Auditorium in alphabetical order of countries. Finally, the Belgian flag was marched out alone to the strains of the Belgian National anthem - and on that impressive note the 18th International Apprentice Competition came to its close.

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COUNTRIES PARTICIPATING AND BODIES REPRESENTED THROUGH THEM

GERMANY..... Official Chamber of Industry and Crafts
 AUSTRIA..... Federal Chamber of Trade Finance
 BELGIUM..... Ministry of the Middle Classes
 KOREA..... National Apprentice Training Committee
 SPAIN..... National Youth Movement
 HOLLAND..... National Apprentice Training Committee
 IRELAND..... Ministry of National Education
 ITALY..... Department of Technical Education
 JAPAN..... National Apprentice Training Committee
 LIECHTENSTEIN..... Office of Labour and Apprenticeship
 LUXEMBURG..... Ministry of Labour and Social Security
 MALTA..... Department of Labour and Emigration
 PORTUGAL..... Portuguese Youth Movement
 UNITED KINGDOM..... Arts and Trades Institute of London
 SWITZERLAND..... St. Gallen Apprentice Schools.

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COMPOSITION OF QUALIFYING JURIES

In the Competition, each trade is overseen and judged by a small Jury composed of a President (The technical Representative of one of the member countries), and two experts. The three members of the Jury must necessarily be of different nationality. On the basis of this provision, and of another applying to the choice of one of the test exercises proposed by the different countries, the impartiality of the Jury is assured. Furthermore, as is constitutionally provided for, the Jury must justify its markings before the contestants, indicating to each what merits or defects were observed in him - consequently justifying the definitive classification proposed to the Organizing Council and ratified by it.

In this manner, the all-important educational purpose of the Competition is fulfilled.

QUALIFYING JURIES AS PER COMMISSIONS, TRADES AND
WORKSHOP FOREMEN

Commissions & Presidents		Trades	Experts	Workshop Foremen
I Mr. Reeves UNITED KINGDOM	1	Fitting	Mr. Zielinski-Germany Mr. Grima-Malta	Mr. Olbrechts
	2	Pressstool making	Mr. Slaats-Holland Mr. Guex-Switzerland	
II Mr. Schürch & Mr. Bammer SWIT-AUSTRIA	3	Instrument making	Mr. Steurbaut-Belgium Mr. Hunt-Ireland	Mr. Olbrechts
	4	Engineering drawing	Mr. Martins-Portugal Mr. Paradisi-Italy	
III Mr. Ghodini ITALY	5	Turning	Mr. Okumura-Japan Mr. Dalmas-Malta	Mr. De Both
	6	Milling	Mr. Mateos-Spain Mr. Poachey-United Kingdom	
IV Mr. Mondo MALTA	7	Const. Steel work	Mr. Rüther-Germany Mr. Lekskes-Holland	Mr. Delou
	8	Gas Welding	Mr. Miro-Spain Mr. Smith-United Kingdom	
	9	Electric welding	Mr. Sejima-Japan Mr. Cardoso-Portugal	Mr. Pouchet
V Mr. Kang KOREA	10	Foundry Moulding	Mr. Takonaka-Japan Mr. Matos-Dias-Portugal	Mr. Van Belting
	11	Woodpattern making	Mr. Arondo-Spain Mr. Noorlander-Holland	Mr. Bouman
VI Mr. Miyamori JAPAN	12	Panel Beating	Mr. Olfermann-Germany Mr. Vergara-Spain	Mr. Vandewal
	13	Sheet metal work	Mr. Rodrigues-Portugal Mr. Mc Carthy-Ireland	
	14	Plumbing	Mr. Bolton-Ireland Mr. Jungblut-Luxemburg	
VII Mr. Vilar Q. PORTUGAL	15	Industrial electr.	Mr. Santos-Spain Mr. Süssstrunk-Switzerland Mr. Pribich-Austria	Mr. Swartelo
	16	TV & Radio repair	Mr. Guerzoni-Italy Mr. Pribich-Austria Mr. Hasebe-Japan	Mr. Schoen- maker
VIII Mr. Mischo LUXEMBURG	17	House wiring	Mr. Pollacani-Italy Mr. Kim-Korea	Mr. Crab
	18	Industrial wiring	Mr. Da Costa-Portugal Mr. Nispel-Germany	
IX Mr. Power IRELAND	19	Bricklaying	Mr. Schaber-Switzerland Mr. Müller-Germany Mr. Mary-Belgium	Mr. Maenhout
	20	Stone cutting	Mr. Schaber-Switzerland Mr. Müller-Germany Mr. Mary-Belgium	Mr. Vanderlin- den
X Mr. Schubert GERMANY	21	Painting	Mr. Istace-Belgium Mr. Jones-United Kingdom	Mr. De Buck
	22	Plasterwork	Mr. Earlie-Ireland Mr. Hurdling-United Kingdom	
XI Mr. Palencia SPAIN	23	Cabinet making	Mr. Fraefel-Switzerland Mr. Mc Grenera-Ireland	Mr. Bayet
	24	Joinery	Mr. Watt-United Kingdom Mr. Glaesener-Luxemburg	

Commissions & Presidents		Trades	Experts	Workshop Foremen
XII Mr. Röstli LIECHTENSTEIN	25	Carpentry	Mr. Kil- Korea Mr. Van Goor-Holland	Mr. Bayet
XIII Mr. Hamer HOLLAND	26	Jewellery	Mr. Loosli-Switzerland Mr. Hill-United Kingdom	Mr. Hocmen
	27	Tailoring	Mr. Rhee-Korea Mr. Bouquet-Belgium	
XIV Mr. Vastiau BELGIUM	28	Women hairdressing	Mr. Klever-Germany Mr. Schoenmakers-Holland	Mr. Pigou
DEMONSTRATION	29	Upholstering	Mr. Delit-Belgium Mr. Hanauer-Switzerland Mr. Moll-Germany	
	30	Watch making	Mr. Hugonin-Switzerland	

SUMMARY

Presidents of Jury..... 15

Experts..... 64

Workshop Foremen..... 16

TOTAL. 95

THE CONSTITUTION OF THE COMPETITIONS

Like any sports or athletic contest, this Competition has its rules of the game.

The only arbiter is the Organizing Council, which at all moments decides and sanctions. Good proof of the identity of outlook of its members is the fact that in its 18 years of life all decisions have been unanimous.

One of its many missions is to assure that the Constitution of the Competitions is observed. As an aspect of this, we have thought it of interest to set out in the following pages the By-Laws of the Technical Committee. The instructions which all the experts, heads of workshops and contestants must adhere to. By means of these "rules of the game" derived from the Competition Constitution and By-Laws, and accepted and followed to the letter by everyone, that fair play is assured which is so necessary in any contest or Competition.

INTERNATIONAL APPRENTICE COMPETITION

Instructions for the Technical Committee, Juries and 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 experiences already acquired as a starting point. These rules will regulate the constitutions as well as the work and responsibility of the Technical Committee, Juries etc. mentioned above.

1.- Technical Committee

Constitution

- 1.- Technical Delegates of the member Countries, General Secretary or a person delegated by the Council to do the work of the Secretariat.
- 2.- A Chairman named by the Council for each Competition who shall be a member of the Technical Committee. He may be re-elected. The Chairman of this Committee must not be at the same time Chairman of the Jury.

WORK AND RESPONSIBILITY

- 1.- To set down the rules for the work of the Juries and Workshop Foremen.
- 2.- To arrange the organization of the work to be carried out in the Competition, and to set down the Technical standards and the headings for the marking systems.
- 3.- To inform the Council about the exercises chosen for the Competition and their marking headings.
- 4.- To determine the materials, machines, tools, and apparatus or instruments necessary for all trades.
- 5.- To ensure that the translation for these materials, tools etc. are correct and complete. To solve any problems which could arise in the meanings of words or phrases. This will be done from the language in which the text has been written.
- 6.- To inform the Council about the results of the marking and to submit recommendations for medals and honorary mentions. For each trade one gold medal, one silver medal and one bronze medal only will be awarded.

2.- JURIES

Constitution

- 1.- A chairman who will be the Technical Delegate nominated by the Council. He may temporarily delegate his responsibility to an expert.

- 2.- There will be two experts for each trade entered. They must be competent and experienced specialists in the trade concerned. In exceptional and justifiable cases and with the agreement of the Technical Committee more experts may be assigned to a certain trade where more assistance may be needed.

WORK AND RESPONSIBILITY

The Chairman shall give the necessary instructions to the experts and to the workshop Foremen. 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:

- 1.- To examine the installation, machines, tools, materials, apparatus and instruments prepared by the Organizing Country before the Competition takes place.
- 2.- To select the exercises, set down the marking headings, determine the maximum time limits, to make up the materials lists, and decide upon the instructions for the competitors
- 3.- To send the details decided upon to the General Secretary.
- 4.- 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 competitors in their respective languages.
- 5.- To prepare the materials in conjunction with the workshop foremen.
- 6.- To distribute, by means of a draw, the places of work; the machines, apparatus or instruments, and materials, to be allotted to the competitors.
- 7.- To decide upon the amount of time needed by the competitors to study the drawings, and try out the materials, machines and apparatus or instruments given to them.
- 8.- To prepare the necessary measuring apparatus to be used in the marking of the tests. Time must be given to the competitors to compare and regulate their own measuring instruments with those already mentioned.
- 9.- a) To observe the competitors and to inspect their work.
 b) To prevent any unauthorised methods of working and the use of unauthorised tools.
 c) To make sure that, during the Competition, no technical information shall be given out. Necessary information will be given to the group as a whole.
 d) To record the time taken by each competitor in his work and to inform the same of the amount of time available.

- e) To make sure that the workshops shall be shut before the work has ended. When the work has been done outside and not in a workshop they must bring the pieces inside if possible so that nothing can be altered on them.

They must make sure that no unauthorised person enters the workshops neither should competitors who have already finished their own work. During the breaks and after work hours, drawings and other documents must be taken from the competitors and put into the custody of the Jury and kept either under lock and key or strict supervision.

- f) To hand out and make a note of materials given out in place of those used, or damaged by the competitor taking this into account in the marking.
- g) To prevent any persons who are not members of the Council from talking to the competitors during their work.

10.-- To ensure maximum security with regard to the results of the marking.

11.-- If necessary, and before three-quarters of the time allotted is up, to submit proposals to the Technical Committee for the extension of time allowed. If this Committee judges it to be valid case it may grant an extension of a further 15% of the time originally allowed.

3.-- WORKSHOP FOREMEN

The Workshop foremen must answer to the National Organisation Committee with reference to general matters of organisation and to the Juries in technical matters. The Host Country will provide the necessary workshop foremen.

WORK AND RESPONSIBILITY

- 1.-- To prepare the workshops, machines, tools, apparatus or instruments used during the Competition and to keep them in good order.
- 2.-- To prepare the materials needed according to the instructions given by the Juries using as a basis the samples received.
- 3.-- To work in conjunction with the Juries so as to ensure that the competitors may carry out their work.
- 4.-- To arrange the daily cleaning of the workshops.
- 5.-- To refrain from criticising the exercises in the presence of the competitors.
- 6.-- To be present at the final marking of the exercises and to speak only when expressly invited by the Chairman of the Jury.

4.-- GENERAL ADMINISTRATIVE POINTS

- 1.-- Control of registration cards at the beginning of the Competition. The Chairman of the Jury must check the following and make sure that all have been written correctly.
Date of birth, nationality, language, names, surnames, and name of trade.

- 2.- Names, surnames and age of experts as well as their professional position in Schools or in Industrial or Commercial firms must be sent to the General Secretariat and to the Organising Country at least a month before the beginning of the Competition.
- 3.- Competitors must be given all the following documents in their own languages, plans, working instructions, technical standards, marking headings, rules of organisation and behaviour.
- 4.- **If** a Jury cannot agree over the marking, the Chairman of that Jury will have the deciding vote. In the exceptional case of the Chairman not wishing to cast this vote, he should notify the Chairman of the Technical Committee of his decision, who will decide upon the most suitable solution.

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The technical experts, as members of the Juries, play an important and very responsible rôle in the organisation of the workshop tests. A great part of the success of these tests and of 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 exchange impressions on the organisations 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 short-comings 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. Technicall and profesionally, 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 had 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.

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 handed 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 limit 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 abovementioned 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 of this score when the list of place-getters 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 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.

15. 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.

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 expressly authorised 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 day work finishes, the exercise work will be taken up and put into safe-keeping in some convenient places. 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 same, together with the exercises, will be handed to the Secretariat-General.

22. Experts will not adjudicate contestant's 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 some 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.

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GENERAL REMARKS CONCERNING WORKSHOP FOREMEN

1. 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 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.

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INSTRUCTIONS FOR 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 Qualification 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.

FIGURES - THEIR LIMITS

Regreatfully, any qualification of results is given in figures. We sincerely wish we knew of a key or symbol that would express and evaluate human virtues besides measuring the technical knowledge and skill which final marks, however thoroughly pondered, are always restricted to.

Although the recognition of such human virtues is always in the mind of the Jury, and though indeed they provide a whole background to the Contest, it is not possible to give any assessment of them in this Report.

What we give here, then, are statistic, points and averages which ill reflect the part human qualities and virtues played in deciding the award of medals and prizes. Admiration for constancy, for enthusiasm, team spirit, love of work, gentlemanliness, drive and cheerfulness in the contestant is not present in these figures, though it certainly was in the minds of Jury members. The true reward and prize is in the sense of satisfaction a contestant feels in a job well done.

NUMBER OF CONTESTANTS PER COUNTRY

COUNTRIES	CONTESTANTS	OUTSIDERS PARTICIPATING	TOTAL
Germany	27	2	29
Austria	5	-	5
Belgium	13	1	14
Korea	17	-	17
Spain	25	1	26
Holland	25	-	25
Ireland	23	-	23
Italy	13	-	13
Japan	23	-	23
Liechtenstein	3	-	3
Luxemburg	9	-	9
Malta	5	-	5
Portugal	24	-	24
United Kingdom	23	-	23
Switzerland	25	2	27
T O T A L S	260	6	266

COMPETITORS PER TRADE AND MARKS OBTAINED IN EACH OF THEM.
TOTAL MARKS PER TRADE, BRANCH AND COUNTRY. AVERAGES.

BRANCHES	TRADES	C O U N T R Y															COM- PETI- TORS	TOTAL POINTS	AVERA- GES
		Germany	Austria	Belgium	Korea	Spain	Holland	Ireland	Italy	Japan	Liechtens	Luxemburg	Malta	Portugal	U. Kingdom	Switzerl			
MECHANIC	Fitting	94.74			78.16	58.78	80.84	80.95	76.50	96.52	81.63	72.78	80.07	65.61	77.69	90.27	13	1,034.54	79.58
	Presstool Making	68.83	62.29			58.29	75.33	39.79		68.29	80.58			59.67		62.17	9	575.24	63.91
	Instrument Making	60.00				44.80	82.17			84.62					34.70	43.90	6	350.19	58.36
	Engineering Drawing	72.90		39.70		90.50	51.00	48.60	75.90	82.70	81.60		43.50	87.50	65.50	86.50	12	825.90	68.82
	Turning	83.71	85.70		65.24	63.39	65.25	79.70		93.90		42.59	66.08	78.89	64.36	75.75	13-1	864.56	72.04
	Milling	83.25				75.95		48.84	59.62	73.77				71.82		65.11	7	478.36	68.33
	TOTAL POINTS	463.43	147.99	39.70	143.40	391.71	354.59	297.88	212.02	499.80	243.81	115.37	189.65	363.49	242.25	423.70		4,128.79	
METALLURGIC	AVERAGES	77.23	73.99	39.70	71.70	65.28	70.91	59.57	70.67	83.30	81.27	57.68	63.21	72.69	60.56	70.61			69.97
	COMPETITORS	6	2	1	2	6	5	5	4-1	6	3	2	3	5	4	6	60-1		
	Constructional Steel Work	89.04				68.98	71.81	50.88		67.81		63.61	56.15	69.38	67.05	73.63	10	678.34	67.83
	Gas Welding	70.01			76.20	71.36	83.73	77.28		89.18				76.00	76.69		9-1	620.45	77.55
	Electric Welding	75.32			75.36	82.16	77.21	77.30	66.74	91.25				84.58	78.80	80.79	10	789.51	78.95
	Wood Pattern Making	65.00			75.59	57.05	35.17		43.08	85.92				75.34	58.50	53.55	9	549.20	61.02
	Foundry Moulding		82.50		87.50	91.00	67.50	60.00		80.00				74.50	87.50		8	630.50	78.81
CONSTRUCTION	Panel Beating	82.72		34.02		89.95	52.96			83.66						68.62	8-2	411.93	68.65
	Sheet Metal Work	53.25			70.50	81.53	59.96	95.12		86.13				81.72	79.27		9-1	607.48	75.93
	TOTAL POINTS	435.34	82.50	34.02	385.15	542.03	448.34	360.58	109.82	583.95	-	63.61	56.15	461.52	447.81	276.59		4,287.41	
	AVERAGES	72.55	82.50	34.02	77.03	77.43	64.04	72.11	54.91	83.42	-	63.61	56.15	76.92	74.63	69.14			72.66
	COMPETITORS	6	1	1	5	7	7	6-1	2	7	-	1	1	7-1	6	6-2	63-4		
	Plumbing	59.84		67.00	64.34	64.85	78.50	71.92		62.72				68.50	66.65	84.80	10	689.12	68.91
	Bricklaying	87.53		79.12		73.38	74.78	78.17						68.03	81.20	84.18	9-1	626.39	78.29
ELECTRICITY	Stone Cutting	86.17	77.87	86.59			83.00								71.79		5	405.42	81.08
	Painting	53.00		62.25	88.50	61.00	58.50	60.00				70.00		35.00	82.25	60.00	10	630.50	63.05
	Plasterwork	65.70		62.35			57.60	84.40		55.10				30.50	78.30	54.85	8	488.80	61.10
	TOTAL POINTS	352.24	77.87	357.31	152.84	199.23	352.38	294.49	-	117.82	-	70.00	-	202.03	380.19	283.83		2,840.23	
	AVERAGES	70.44	77.87	71.46	76.42	66.41	70.47	73.62	-	58.91	-	70.00	-	50.50	76.03	70.95			69.27
	COMPETITORS	5	1	5	2	3	5	4	-	2	-	2-1	-	4	5	4	42-1		
	Industrial electronic	73.00				90.75			68.73	92.88				27.21	74.50	90.91	7	517.98	73.99
WOOD	Radio TV Repairing	79.00		51.00	88.50	68.50			93.50	96.50				78.00	81.00	76.00	9	712.00	79.11
	House Wiring	87.08			87.84	85.37	80.01	87.72	72.77	81.27		87.76		84.52	73.47	92.91	11	920.72	83.70
	Industrial Wiring	95.88		80.61	90.24	82.07	81.46	49.34	87.43	90.94		91.49		83.12	70.24	76.09	12	978.91	81.57
	TOTAL POINTS	334.96	-	131.61	266.58	326.69	161.47	137.06	322.43	361.59	-	179.25	-	272.85	299.21	335.91		3,129.61	
	AVERAGES	83.74	-	65.80	88.86	81.67	80.73	68.53	80.60	90.39	-	89.62	-	68.21	74.80	83.97			80.24
	COMPETITORS	4	-	2	3	4	2	2	4	4	-	2	-	4	4	4	39		
	Cabinet Making	67.50	53.40		66.80	68.70	64.70		31.35	66.25			38.40	65.50	45.65	77.85	12-1	646.10	58.73
ARTISTIC TRADES AND SERVICES	Joinery	75.43		70.19	78.04	64.75	75.57	80.50		89.10		79.10		73.79	88.20	82.67	11	857.34	77.94
	Carpentry	56.75			83.22		68.30	67.74		77.45					66.15	87.42	9-2	507.03	72.43
	TOTAL POINTS	199.68	53.40	70.19	228.06	133.45	208.57	148.24	31.35	232.80	-	79.10	38.40	139.29	200.00	247.94		2,010.47	
	AVERAGES	66.56	53.40	70.19	76.02	66.72	69.52	74.12	31.35	77.60	-	79.10	38.40	69.64	66.66	82.64			69.32
	COMPETITORS	3	1	2-1	3	2	3	3-1	1	3	-	1	1	3-1	3	3	32-3		
	Jewellery	61.25				72.12	64.00	43.50	53.25					55.38	87.62	92.00	8	529.12	66.14
	Tailoring	57.40		74.35	87.60	53.50	63.10	49.15		65.25							8-1	450.35	64.33
TOTAL	Ladies hairdressing	80.30		78.50	86.80	75.90	79.80	77.10				86.10				90.60	8	655.10	81.88
	TOTAL POINTS	198.95	-	152.85	174.40	201.52	206.90	169.75	53.25	65.25	-	86.10	-	55.38	87.62	182.60		1,634.57	
	AVERAGES	66.31	-	76.42	87.20	67.17	68.96	56.58	53.25	65.25	-	86.10	-	55.38	87.62	91.30			71.06
	COMPETITORS	3	-	2	2	3	3	3	2-1	1	-	1	-	1	1	2	24-1		
	TOTAL POINTS	1984.60	361.76	785.68	1350.43	1794.63	1732.25	1408.00	728.87	1861.21	243.81	593.43	284.20	1494.56	1657.08	1750.57		18,031.08	
	AVERAGE TOTALS	73.50	72.35	65.47	79.43	71.78	69.29	67.04	66.26	80.92	81.27	74.17	56.84	67.93	72.04	76.11			72.12
	TOTAL COMPETITORS	27	5	13-1	17	25	25	23-2	13-2	23	3	9-1	5	24-2	23	25-2	260-10		
	PLACE ACCORDING TO AVERAGE	6°	7°	14°	3°	9°	10°	12°	13°	2°	1°	5°	15°	11°	8°	4°			

Branches	Trades	Germany	Austria	Belgium	Korea	Spain	Holland	Ireland	Italy	Japan	Liechtenst	Luxemburg	Malta	Portugal	U.Kingdom	Switzerland	Total trades	Total branches
MECHANIC	Fitting	P			X	X	MH	MH	X	O	MH	X	MH	X	X	B	13	60
	Presstool Making	B	X			X	P	X		MH	O			X		X	9	
	Instr. Making	B				X	P			O					X	X	6	
	Engineering Des.	X		K		O	X	X	MH	MH	MH		X	P	X	B	12	
	Turning	B	P		X	X	X	MH	X	O		X	X	MH	X	MH	13	
	Milling	O				P		X	X	B				B		X	7	
METALLURGY	Constr. Steel W.	O				MH	B	X		MH		X	X	MH	MH	P	10	63
	Gas Welding	X			MH	X	P	B		O				MH	MH	X	9	
	Electric Weld.	X			X	B	MH	MH	X	O				P	MH	MH	10	
	Wood Pat. Making	MH			P	X	X		X	O				B	MH	X	9	
	Foundry Mouldi.		B		P	O	X	X		MH				X	P		8	
	Panel Beating	B		X		O	X	X		P				X		X	8	
	Sheet Metal W.	X			X	MH	X	O		P				B	MH	X	9	
ELEC-TRICITY	Industrial Elec.	MH				B			X	O				X	MH	P	7	39
	Radio TV Repai.	MH		X	B	X			P	O				MH	MH	X	9	
	House Wiring	MH			P	MH	X	MH	X	X		B		MH	X	O	11	
	Industrial Wir.	O		X	MH	X	X	X	MH	B		P		MH	X	X	12	
CONSTRUC-TION	Plumbing	X		MH	X	X	P	B		X				MH	MH	O	10	42
	Bricklaying	O		MH		X	X	MH				X		X	B	P	9	
	Stone Cutting	P	MH	O			B								X		5	
	Painting	X		X	O	X	X	X				B		X	P	X	10	
	Plasterwork	B		MH			X	O		X				MH	P	X	8	
WOOD	Cabinet Making	B	X		MH	P	MH	X	X	MH			X	MH	X	O	12	32
	Joinery	X		X	MH	X	X	MH		O		MH		X	P	B	11	
	Carpentry	X		X	P		X	X		B				X	X	O	9	
OTHER BRANCHES	Jewellery	X				B	X	X	X					X	P	O	8	24
	Tailoring	X		P	O	X	MH	X	MH	B							8	
	Ladies Hairdres	MH		MH	P	X	MH	X				B				O	8	
DEMON-STRATION	Upholstering	MH		MH													3	6
	Watch Making	MH														MH	3	
X = Total competitors		29	5	14	17	26	25	23	13	23	3	9	5	24	23	27	266	266
O = Total Gold medals		4	-	1	2	3	-	2	-	9	1	-	-	-	-	6	28	
P = Total Silver medals		2	1	1	5	2	4	-	1	2	-	1	-	2	5	3	29	
B = Total Bronze medals		6	1	-	1	3	2	2	-	4	-	3	-	3	1	3	29	
MH = Total honourable ment.		7	1	5	4	4	5	6	3	5	2	1	1	9	8	4	65	
Total prizes		19	3	7	12	12	11	10	4	20	3	5	1	14	14	16	151	

Nr.	Trades	Germany	Austria	Belgium	Korea	Spain	Holland	Ireland	Italy	Japan	Liechtenstein	Luxemburg	Malta	Portugal	U.Kingdom	Switzerland	Exercise obligatory	Exercise presented
1	Fitting	O _E				V							O	O	O		4	5
2	Presstool Making		O	O _E		V						NP		O			4	5
3	Instrum. Making					O	O				NP				V	O _E	4	4
4	Engineering Drawing	O _E				V			O		V _E				NP	O	4	5
5	Turning	O			O	V			O	V _E			O _E	V			4	7
6	Milling	V		O _E		O		O	O	V							4	6
7	Const. Steel Work	V _E				V				O				O	O		3	5
8	Gas Welding				O	V				O				O _E	O _E		4	5
9	Electric Welding	O				O _E				O _E					O		4	4
10	Wood Pattern Making	V				V			O	O				O _E			3	5
11	Foundry Moulding			NP			O _E							O _E			3	2
12	Panel Beating	O				O _E				O				O			4	4
13	Sheet Metal Work		O			V	O	O _E						O			4	5
14	Plumbing					O		O _E								O _E	3	3
15	Indust. Electronic	NP				V					NP			O _E		O _E	4	3
16	Radio TV Repairing			NP		O _E									NP	O _E	4	2
17	House Wiring					O		O				NP		O _E			4	3
18	Industrial Wiring	O _E				O			O			O					4	4
19	Bricklaying		O _E	V		V	O										4	6
20	Stone Cutting			O _E								NP			O	O	4	3
21	Painting	O			NP	O _E	NP										4	2
22	Plasterwork	V		O			O								O _E	O _E	4	5
23	Cabinet Making		NP	V		V	O _E			O		O					4	5
24	Joinery	O			O _E	V				O	O	V _E					4	6
25	Carpentry	V		NP	O			O _E		O							4	4
26	Jewellery			NP			O								O _E	O	4	3
27	Tailoring				O _E		O					NP				NP	4	2
28	Ladies Habiros.	O _E	NP	O _E			V _E								NP		4	3
O = Obligatory		10	5	9	6	9	9	5	5	8	3	6	2	10	11	10	108	116
E = Chosen		5	1	4	2	4	3	3	-	2	1	1	1	5	3	5	40	
V = Voluntary		5	-	2	-	12	1	-	-	2	1	1	-	1	1	-	26	
NP = Not presented		1	2	4	1	-	1	-	-	-	2	4	-	-	3	1	19	

Nota.- The total number of exercise proposals presented, have been deduced from the declarations made by the Juries on the reglamentary pamphlet corresponding.

CONTESTANTS PRESENTED; MEDALS AND HONOURABLE MENTIONS OBTAINED, AND TOTAL PRIZES WON - AS PER COUNTRY =====

COUNTRIES	CONTESTANTS	G.M.	S.M.	B.M.	H.M.	TOTAL MEDALS	TOTAL PRIZES
Germany	29	4	2	6	7	12	19
Austria	5	-	1	1	1	2	3
Belgium	14	1	1	-	5	2	7
Korea	17	2	5	1	4	8	12
Spain	26	3	2	3		8	12
Holland	25	-	4	2	5	6	11
Ireland	23	2	-	2	6	4	10
Italy	13	-	1	-	3	1	4
Japan	23	9	2	4	5	15	20
Liechtenstein	3	1	-	-	2	1	3
Luxemburg	9	-	1	3	1	4	5
Malta	5	-	-	-	1	-	1
Portugal	23	-	2	3	9	5	14
United Kingdom	24	-	5	1	8	6	14
Switzerland	27	6	3	3	4	12	16
TOTALS	266	28	29	29	65		151

ANALYSIS OF MARKS OBTAINED BY GOLD MEDAL WINNERSJAPAN (9)

Fitting	96,52
Instrument making	84,62
Turning	93,90
Gas Welding	89,18
Electric Welding	91,25
Woodpattern making	85,92
Industrial Electronics	92,88
TV & Radio Repairing	96,50
Joinery	89,10

 819,87:9= 91,09
SWITZERLAND (6)

Plumbing	84,80
House wiring	92,91
Cabinet making	77,85
Carpentry	87,42
Jewellery	92,00
Hairdressing	90,60

 525,58:6= 87,59
GERMANY (4)

Milling	83,25
Constructional steel work	89,04
Industrial wiring	95,88
Bricklaying	87,53

 355,70:4= 88,925
SPAIN (3)

Engineering drawing	90,50
Foundry Moulding	91,00
Panel Beating	89,95

 271,45:3= 90,48
IRELAND (2)

Sheet metal work	95,12
Plaster work	84,40

 179,52:2= 89,76
KOREA (2)

Painting	88,50
Tailoring	87,60

 176,10:2= 88,05

BELGIUM (1)

Stone Cutting	86,59
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LIECHTENSTEIN (1)

Presstool making	80,58
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SUMMARY

Total Gold Medals.	28
Total Marks.	2.495,39
Average Marks	89,12

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ANALYSIS OF MARKS OBTAINED BY SILVER MEDAL WINNERSUNITED KINGDOM (5)

Foundry Moulding	87,50
Painting	82,25
Plaster work	78,30
Joinery	88,20
Jewellery	87,62
	<hr/> 423,87:5= 84,77

KOREA (5)

Woodpattern making	75,59
Foundry Moulding	87,50
House wiring	87,84
Carpentry	83,22
Hairdressing	86,80
	<hr/> 420,95:5= 84,19

HOLLAND (4)

Presstool making	75,33
Instrument making	82,17
Gas welding	83,73
Plumbing	78,50
	<hr/> 319,73:4= 79,93

SWITZERLAND (3)

Constructional steel work	73,63
Industrial electronics	90,91
Bricklaying	84,18
	<hr/> 248,72:3= 82,90

GERMANY (2)

Fitting	94,74
Stone cutting	86,17
	<hr/> 180,91:2= 90,45

PORTUGAL (2)

Engineering drawing	87,50
Electric welding	84,58
	<hr/> 172,08:2= 86,04

JAPAN (2)

Panel Beating	83,66
Sheet metal work	86,13
	<hr/> 169,79:2= 84,89

SPAIN (2)

Milling	75,95
Cabinet making	68,70
	<hr/> 144,65:2= 72,32

ITALY (1)

TV & Radio Repairing	93,50
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LUXEMBURG (1)

Industrial Wiring	91,49
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AUSTRIA (1)

Turning	85,70
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BELGIUM (1)

Tailoring	74,35
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Total Silver Medals	29
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Total marks	2.425,74
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Average marks	83,64
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ANALYSIS OF MARKS OBTAINED BY BRONZE MEDAL WINNERSGERMANY (6)

Presstool making	68,83
Instrument making	60,00
Turning	83,71
Panel Beating	82,72
Plaster work	65,70
Cabinet making	67,50
	<hr/> 428,46:6= 71,41

JAPAN (4)

Milling	73,77
Industrial Wiring	90,94
Carpentry	77,45
Tailoring	65,25
	<hr/> 307,41:4= 76,85

SWITZERLAND (3)

Fitting	90,27
Engineering drawing	86,50
Joinery	82,67
	<hr/> 259,44:3= 86,48

SPAIN (3)

Electric welding	82,16
Industrial electronics	90,75
Jewellery	72,12
	<hr/> 245,03:3= 81,67

LUXEMBURG (3)

House wiring	87,76
Painting	70,00
Hairdressing	86,10
	<hr/> 243,86:3= 81,28

PORTUGAL (3)

Woodpattern making	75,34
Sheet metal work	81,72
Milling	71,82
	<hr/> 228,88:3= 76,29

HOLLAND (2)

Constructional steel work	71,81
Stone cutting	83,00
	<hr/> 154,81:2= 77,40

IRELAND (2)

Gas welding	77,28
Plumbing	71,92
	<hr/> 149,20:2= 74,60

KOREA (1)

TV & Radio Repairing	88,50
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AUSTRIA (1)

Foundry Moulding	82,50
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UNITED KINGDOM (1)

Bricklaying	81,20
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Total Bronze medals	29
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Total marks	2,269,29
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Average marks	78,25
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ANALYSIS OF MARKS OBTAINED BY HONOURABLE MENTION WINNERSPORTUGAL (9)

Turning	78,89
Constructional steel work	69,38
Gas welding	76,00
Plumbing	68,50
TV and Radio Repairing	78,00
House wiring	84,52
Industrial wiring	83,12
Plaster work	30,50
Cabinet making	65,50
	<hr/> 634,41:9= 70,49

UNITED KINGDOM (8)

Constructional steel work	67,05
Gas welding	76,69
Electric welding	78,80
Woodpattern making	58,50
Sheet metal work	79,27
Plumbing	66,65
Industrial electronics	74,50
TV and Radio Repairing	81,00
	<hr/> 582,46:8= 72,80

IRELAND (6)

Fitting	80,95
Turning	79,70
Electric welding	77,30
House wiring	87,72
Bricklaying	78,17
Joinery	80,50
	<hr/> 484,34:6= 80,72

GERMANY (5)

Woodpattern making	65,00
Industrial electronics	73,00
TV and Radio Repairing	79,00
House wiring	87,08
Hairdressing	80,30
	<hr/> 384,38:5= 76,87

HOLLAND (5)

Fitting	80,84
Electric welding	77,21
Cabinet making	64,70
Tailoring	63,10
Hairdressing	79,80
	<hr/> 365,65:5= 73,13

JAPAN (5)

Presstool making	68,29
Engineering drawing	82,70
Constructional steel work	67,81
Foundry Moulding	80,00
Cabinet making	66,25
	<hr/>
	365,05:5= 73,01

BELGIUM (4)

Plumbing	67,00
Bricklaying	79,12
Plaster work	62,35
Hairdressing	78,50
	<hr/>
	286,97:4= 71,74

KOREA (4)

Gas welding	76,20
Industrial wiring	90,24
Cabinet making	66,80
Joinery	78,04
	<hr/>
	311,28:4= 77,82

SPAIN (3)

Constructional steel work	68,98
Sheet metal work	81,53
House wiring	85,37
	<hr/>
	235,88:3= 78,62

ITALY (3)

Engineering drawing	75,90
Industrial wiring	87,43
Tailoring	
	<hr/>
	163,33:2= 81,66

LIECHTENSTEIN (2)

Fitting	81,63
Engineering drawing	81,60
	<hr/>
	163,23:2= 81,61

SWITZERLAND (2)

Turning	75,75
Electric welding	80,79
	<hr/>
	156,54:2= 78,27

AUSTRIA (1)

Stone cutting	77,87
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LUXEMBURG (1)

Joinery	79,10
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MALTA (1)

Fitting	80,07
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Total Honourable Mentions	59
Total marks	4.270,56
Average Marks	75,35

NOTE:

6 Honourable Mentions were awarded to the young people taking part in the demonstrations of Watchmaking and Upholstery.

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SUMMARY OF PRIZES AWARDED, TOTAL AND AVERAGE MARKS OBTAINED IN EACH CLASS

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PRIZES	Nº OF PRIZES AWARDED	TOTAL MARKS	AVERAGE MARKS
Gold Medals	28	2.495,39	82,12
Silver Medals	29	2.425,74	83,64
Bronze Medals	29	2.269,29	78,25
Honourable Mentions	59	4.370,56	75,35
T O T A L S	145	11.560,98	79,73

Note: The 6 Honourable Mentions awarded to the participants in the demonstrations of Watchmaking and Upholstery are not taken into account here, as their marks were not added into the totals and both tests took place outside the Contest.

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Number of competitors which participated in each trade and branch. Total marks obtained, corresponding averages and classification by trades.

48

Branches	Trades	Participants	Total points	Average	Classification by averages.
MECHANIC	Fitting	13	1.034,54	79,58	5º
	Presstool Making	9	575,24	63,91	23º
	Instrument Making	6	350,19	58,36	28º
	Engineering Drawing	12	825,90	68,82	17º
	Turning	13-1	864,56	72,04	15º
	Milling	7	478,36	68,33	19º
	Totals and averages	60-1	4.128,79	69,97	4º
METALLUR- GI	Constructional Steel W	10	678,34	67,83	20º
	Gas Welding	9-1	620,45	77,55	11º
	Electric Welding	10	789,51	78,95	7º
	Wood Pattern Making	9	549,20	61,02	26º
	Foundry Moulding	8	630,50	78,81	8º
	Panel Beating	8-2	411,93	68,65	18º
	Sheet Metal Work	9-1	607,48	75,93	12º
	Total and averages	63-4	4.287,41	72,66	2º
ELEC- TRICITY	Industrial Electronics	7	517,98	73,99	13º
	Radio TV Repairing	9	712,00	79,11	6º
	House Wiring	11	920,72	83,70	1º
	Industrial Wiring	12	978,91	81,57	3º
	Total and averages	39	3.129,61	80,24	1º
CONSTRUC- TION	Plumbing	10	689,12	68,91	16º
	Bricklaying	9-1	626,39	78,29	9º
	Stone Cutting	5	405,42	81,08	4º
	Painting	10	630,50	63,05	24º
	Plasterwork	8	488,80	61,10	25º
	Total and averages	42-1	2.840,23	69,27	6º
WOOD	Cabinet Making	12-1	646,10	58,73	27º
	Joinery	11	857,34	77,94	10º
	Carpentry	9-2	507,03	72,43	14º
	Total and averages	32-3	2.010,47	69,32	5º
OTHER BRANCHES	Jewellery	8	529,12	66,14	21º
	Tailoring	8-1	450,35	64,33	22º
	Ladies Hairdressing	8	655,10	81,88	2º
	Total and averages	24-1	1.634,57	71,06	3º
Totals and general averages		260-10	18.031,08	72,12	
Demonstration		6			

Number of contestants and averages obtained in each of the trades and branches, at the XIVth, XVth, XVIth, XVIIth, XVIIIth and XVIIIth Competitions.

T r a d e s	XIV Glasgow		XV Utrecht		XVI Madrid		XVII Berne		XVIII Brussels		Branches
	Parti- cipants	Averages	Parti- cipants	Averages	Parti- cipants	Averages	Parti- cipants	Averages	Parti- cipants	Averages	
Fitting	14	72,28	10	73,50	10	83,05	14	68,54	13	79,53	MECHANIC
Prestool Making	9	37,92	8	70,99	7	45,53	9	65,21	9	63,91	
Instrument Making	Demonst.	Demonst.	4	73,88	4	57,39	4	83,73	6	58,36	
Engineering Drawing	8	62,67	8	67,91	7	73,41	11	65,71	12	68,82	
Turning	15	63,42	8	73,05	10	61,96	13	71,90	13-1	72,04	
Milling	7	57,45	8	64,57	7-1	68,22	10	72,12	7	68,33	
Totals and averages	53	60,53	46	70,64	45-1	66,40	61	70,17	60-1	69,97	METALLURGY
Foundry Moulding	4	80,35	7	79,69	8	Not valid	-	-	8	78,81	
Wood Pattern Making	8	71,13	8	42,89	8	50,53	10-1	64,79	9	61,02	
Constr. Steel Work	7	70,57	8	73,00	9	79,82	10	65,18	10	67,83	
Sheet Metal Work	7	47,86	7	70,46	8-4	66,75	9	61,31	9-1	75,93	
Panel Beating	5	60,08	6	64,83	5	73,31	8-1	69,92	8-2	68,65	
Gas Welding	7	66,41	8	76,11	7	59,76	9	66,00	9-1	77,55	ELECTRICITY
Electric Welding	7	64,11	8	60,30	8	68,01	10-1	67,71	10	78,95	
Totals and averages	45	65,19	52	66,51	53-12	66,31	56-3	65,83	63-4	72,66	
Industrial Electronics	Demonst.	Demonst.	Demonst.	Demonst.	5	84,86	5	78,14	7	73,99	
Radio TV Repairing	5	68,00	7	82,81	7	74,50	8	68,62	9	79,11	
Industrial Wiring	8	72,48	10	74,20	9	76,58	13	77,13	12	81,57	
House Wiring	14	87,29	10	85,54	9	83,86	11	81,49	11	83,70	
Totals and averages	27	76,37	27	80,63	30	79,66	37	76,72	39	80,24	

T r a d e s	XIV Glasgow		XV Utrecht		XVI Madrid		XVII Berne		XVIII Brussels		Branches
	Parti- cipants	Averages	Parti- cipants	Averages	Parti- cipants	Averages	Parti- cipants	Averages	Parti- cipants	Averages	
Stone Cutting	5	77,62	6	76,41	5-1	80,55	6	83,25	5	81,08	CONSTRUCTION
Bricklaying	6	72,69	8	71,46	8-1	67,77	7	76,99	9-1	78,29	
Plasterwork	6	64,06	7-1	68,12	6	71,37	7	52,57	8	61,10	
Painting	7	63,50	7	73,57	8	70,60	9	62,24	10	63,05	
Plumbing	6	60,43	8	66,51	8	65,94	8	71,10	10	68,91	
Totals and averages	30	67,19	36-1	71,02	35-2	70,21	37	68,52	42-1	69-27	WOOD
Cabinet Making	14	68,37	11-1	63,42	8	61,48	10	71,69	12-1	58,73	
Joinery	13	69,70	8	63,66	9-1	70,08	9	78,12	11	77,94	
Carpentry	7	67,03	8	63,52	7	65,11	9	61,14	9-2	72,43	
Totals and averages	34	68,60	27-1	63,53	24-1	65,58	28	69,01	32-3	69,32	
Jewellery	8	66,68	8	58,51	7	80,50	9	67,80	8	66,14	ARTISTIC TRADES
Silversmithing	3	68,83	5	65,56	3	69,25	-	-	-	-	
Totals and averages	11	67,27	13	61,22	10	77,12	9	67,80	8	66,14	
Tailoring	Demonst.	Demonst.	7	80,75	7	74,94	8	78,78	8-1	64,33	
Shoe Making	Demonst.	Demonst.	4	65,85	4-1	72-73	6	63,99	-	-	
Ladies Hairdressing	-	-	7	Demonst.	5	55,48	7	68,08	8	81,88	CONFECTION, LEATHER AND SERVICES.
Gentlemen Hairdressing	-	-	-	Demonst.	4	64,35	-	-	-	-	
Upholstering	-	-	-	-	-	-	-	-	3	Demonst.	
Watch Making	-	-	-	-	-	-	-	-	3	Demonst.	
Totals and averages	-	-	18	75,33	20-1	67,24	21	70,99	22-1	73,69	
Totals and General averages	200	66,46	221-11	69,75	217-17	69,77	249-3	69,94	266-10	72,12	

Classification of countries by branches .

Branches	Countries	Participants	Total marks	Average
MECHANIC: Fitting Presstool Making Instrument Making Engineering Drawing Turning Milling.	1.-Japan	6	499,80	83,30
	2.-Liechtenstein	3	243,81	81,27
	3.-Germany	6	463,43	77,23
	4.-Austria	2	147,99	73,99
	5.-Portugal	5	363,49	72,69
	6.-Korea	2	143,40	71,70
	7.-Holland	5	354,59	70,91
	8.-Italy	4-1	212,02	70,67
	9.-Switzerland	6	423,70	70,61
	10.-Spain	6	391,71	65,28
	11.-Malta	3	189,65	63,21
	12.-United Kingdom	4	242,25	60,56
	13.-Ireland	5	297,88	59,57
	14.-Luxemburg	2	115,37	57,68
	15.-Belgium	1	39,70	39,70
Totals	15 Countries	60-1	4.128,79	69,97
METALLURGIC: Constr.Steel Work Gas Welding Electric Welding Wood Pattern Making Foundry Moulding Panel Beating Sheet Metal Work.	1.-Japan	7	583,95	83,42
	2.-Austria	1	82,50	82,50
	3.-Spain	7	542,03	77,43
	4.-Korea	5	385,15	77,03
	5.-Portugal	7-1	461,52	76,92
	6.-United Kingdom	6	447,81	74,63
	7.-Germany	6	435,34	72,55
	8.-Ireland	6-1	360,58	72,11
	9.-Switzerland	6-2	276,59	69,14
	10.-Holland	7	448,34	64,04
	11.-Luxemburg	1	63,61	63,61
	12.-Malta	1	56,15	56,15
	13.-Italy	2	109,82	54,91
	14.-Belgium	1	34,02	34,02
Totals	14 Countries	63-4	4.287,41	72,66
ELECTRICITY: Industrial Electr. Radio TV Repairing House Wiring Industrial Wiring.	1.-Japan	4	361,59	90,39
	2.-Luxemburg	2	179,25	89,62
	3.-Korea	3	266,58	88,86
	4.-Switzerland	4	355,91	83,97
	5.-Germany	4	334,96	83,74
	6.-Spain	4	326,69	81,67
	7.-Holland	2	161,47	80,73
	8.-Italy	4	322,43	80,60
	9.-United Kingdom	4	299,21	74,80
	10.-Ireland	2	137,06	68,53
	11.-Portugal	4	272,85	68,21
	12.-Belgium	2	131,61	65,80
Totals	12 Countries	39	3.129,61	80,24

Classification of countries by branches.

Branches	Countries	Participants	Total marks	Average
CONSTRUCTION: Plumbing Bricklaying Stone Cutting Painting Plasterwork.	1.- Austria	1	77,87	77,87
	2.- Korea	2	152,84	76,42
	3.- United Kingdom	5	380,19	76,03
	4.- Ireland	4	294,49	73,62
	5.- Belgium	5	357,31	71,46
	6.- Switzerland	4	283,83	70,95
	7.- Holland	5	352,38	70,47
	8.- Germany	5	352,24	70,44
	9.- Luxemburg	2-1	70,00	70,00
	10.- Spain	3	199,23	66,41
	11.- Japan	2	117,82	58,91
	12.- Portugal	4	202,03	50,50
Totals	12 Countries	42-1	2.840,23	69,27
WOOD: Cabinet Making Joinery Carpentry.	1.- Switzerland	3	247,94	82,64
	2.- Luxemburg	1	79,10	79,10
	3.- Japan	3	232,80	77,60
	4.- Korea	3	228,06	76,02
	5.- Ireland	3-1	148,24	74,12
	6.- Belgium	2-1	70,19	70,19
	7.- Portugal	3-1	139,29	69,64
	8.- Holland	3	208,57	69,52
	9.- Spain	2	133,45	66,72
	10.- United Kingdom	3	200,00	66,66
	11.- Germany	3	199,68	66,56
	12.- Austria	1	53,40	53,40
	13.- Malta	1	38,40	38,40
	14.- Italy	1	31,35	31,35
Totals	14 Countries	32-3	2.010,47	69,32
ARTISTIC WORKS, CONFECTION AND SERVICES: Jewellery Tailoring Ladies Hairdressing	1.- Switzerland	2	182,60	91,30
	2.- United Kingdom	1	87,62	87,62
	3.- Korea	2	174,40	87,20
	4.- Luxemburg	1	86,10	86,10
	5.- Belgium	2	152,85	76,42
	6.- Holland	3	206,90	68,96
	7.- Spain	3	201,52	67,17
	8.- Germany	3	198,95	66,31
	9.- Japan	1	65,25	65,25
	10.- Ireland	3	169,75	56,58
	11.- Portugal	1	55,38	55,38
	12.- Italy	2-1	53,25	53,25
Totals	12 Countries	24-1	1.634,57	71,06
GENERAL TOTAL	15 COUNTRIES	260-10	18.031,08	72,12

18TH COMPETITION

GENERAL AND AVERAGE MARKS CORRESPONDING TO EACH TRADE IN THE COMPETITION
CLASSIFICATION ACCORDING TO AVERAGES

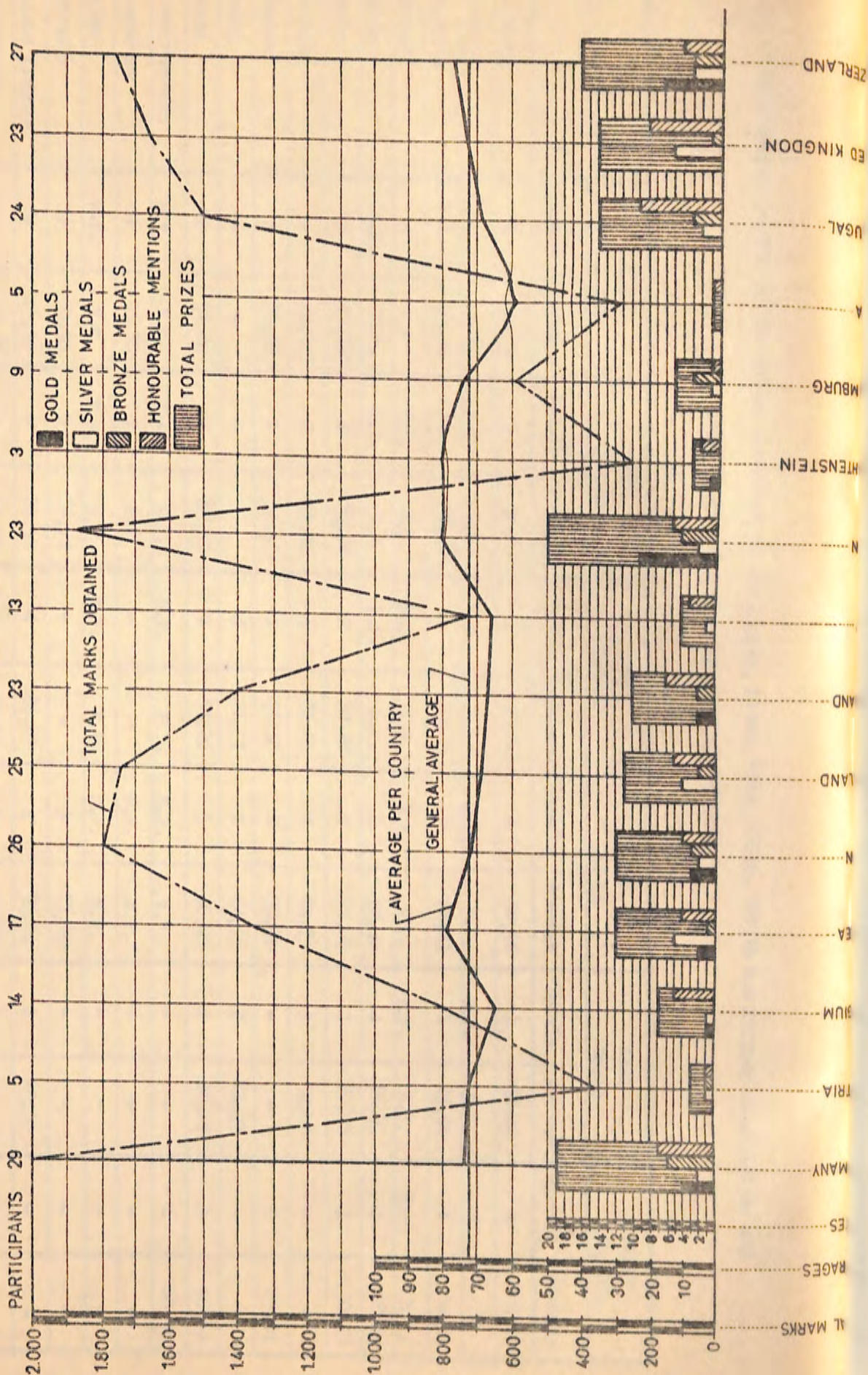
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Classification	Trade	Contestants	Total Marks	Average
1st	House wiring	11	920,72	83,70
2nd	Hairdressing	8	655,10	81,88
3rd	Industrial wiring	12	978,91	81,57
4th	Stone cutting	5	405,42	81,08
5th	Fitting	13	1.034,54	79,58
6th	TV & R.Repairing	9	712,00	79,11
7th	Electric welding	10	789,51	78,95
8th	Foundry Moulding	8	630,50	78,81
9th	Bricklaying	9-1	626,39	78,29
10th	Joinery	11	857,34	77,94
11th	Gas welding	9-1	620,45	77,55
12th	Sheet metal work	9-1	607,48	75,93
13th	Industrial electronics	7	517,98	73,99
14th	Carpentry	9-2	507,03	72,43
15th	Turning	13-1	864,56	72,04
16th	Plumbing	10	689,12	68,91
17th	Engineering drawing	12	825,90	68,82
18th	Panel Beating	8-2	411,93	68,65
19th	Milling	7	478,36	68,33
20th	Constroctional steel w.	10	678,34	67,83
21st	Jewellery		529,12	66,14
22nd	Tailoring	8-1	450,35	64,33
23rd	Presstool making	9	575,24	63,91
24th	Painting	10	630,50	63,05
25th	Plaster work	8	488,80	61,10
26th	Woodpattern making	9	549,20	61,02
27th	Cabinet making	12-1	646,10	58,73
28th	Instrument making	6	350,19	58,36
T O T A L S		260,10	18.031,08	72,12

TOTAL AND AVERAGE MARKS PER TRADE BRANCH

Branches	Total marks	Average	Contestants
1.- Electricity	3.129,61	80,24	39
2.- Metallurgy	4.287,41	72,66	63-4
3.- <u>Artistic works</u> <u>confection & services</u>	1.634,57	71,06	24-1
4.- Mechanic	4.128,79	69,97	60-1
5.- Wood	2.010,47	69,32	32-3
6.- Construction	2.840,23	69,27	42-1
T O T A L S	18.031,08	72,12	260-10

GRAPHICAL SUMMARY OF TOTAL MARKS, AVERAGES AND PRIZES AWARDED
BY DIFFERENT COUNTRIES AND PARTICIPANTS



Gold Medals awarded by the member countries at the XIIIth, XIVth, XVth, XVIth, XVIIth and XVIIIth Competitions and corresponding averages in each Competition.

Country	XIII Lisbon		XIV Glasgow		XV Utrecht		XVI Madrid		XVII Berne		XVIII Brussels	
	Medals	Average	Medals	Average	Medals	Average	Medals	Average	Medals	Average	Medals	Average
Germany	2	80,70	3	86,69	1	95,60	4	82,56	1	79,40	4	88,92
Austria	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	-	-
Belgium	1	83,60	1	85,45	1	88,13	2	88,43	1	89,09	1	86,59
Denmark	-	-	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.
Korea	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	2	88,40	4	88,85	2	88,05
Spain	4	83,80	4	84,74	2	88,40	9	83,29	3	82,18	3	90,48
Holland	3	84,10	2	77,41	5	82,05	1	74,75	1	74,00	-	-
Ireland	2	73,00	1	92,99	1	76,30	1	72,40	-	-	2	89,76
Italy	-	-	-	-	4	91,57	1	84,55	2	83,37	-	-
Japan	12	87,80	6	89,55	9	81,89	5	90,93	6	87,69	9	91,09
Liechtenstein	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	-	-	1	80,58
Luxembourg	1	93,80	N.P.	N.P.	-	-	N.P.	N.P.	-	-	-	-
Malta	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	-	-	-	-
Portugal	5	80,90	2	76,74	-	-	3	75,20	-	-	-	-
United Kingdom	8	79,20	9	89,55	4	86,87	2	81,82	2	89,10	-	-
Switzerland	3	83,36	2	85,00	2	90,02	2	71,86	8	88,34	6	87,59
Totals	41	83,27	30	85,96	29	85,17	32	82,65	28	86,51	28	89,12

Silver medals awarded by the member countries at the XIIIth, XIVth, XVth, XVIth, XVII and XVIIIth Competitions and corresponding averages in each Competition.

C o u n t r y	XIII Lisbon		XIV Glasgow		XV Utrecht		XVI Madrid		XVII Perne		XVIII Brussels	
	Medals	Average	Medals	Average	Medals	Average	Medals	Average	Medals	Average	Medals	Average
Germany	2	76,39	5	81,68	5	73,80	5	73,40	5	84,67	2	90,45
Austria	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	1	85,70
Belgium	1	76,30	2	71,81	2	81,20	2	77,83	1	79,50	1	74,35
Korea	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	1	70,85	4	85,15	5	84,19
Denmark	-	-	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.
Spain	6	77,73	5	81,22	-	-	4	81,14	1	77,90	2	72,32
Holland	3	74,29	-	-	4	82,70	5	71,11	3	79,16	4	79,93
Ireland	2	82,75	3	85,60	3	80,96	5	75,88	4	75,03	-	-
Italy	1	79,44	2	80,16	-	-	2	67,50	-	-	1	93,50
Japan	4	77,05	5	80,87	3	87,96	7	82,02	2	84,86	2	84,89
Liechtenstein	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	-	-	-	-
Luxemburg	2	74,89	N.P.	N.P.	-	-	N.P.	N.P.	-	-	1	91,49
Malta	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	-	-	-	-
Portugal	5	75,46	1	94,65	-	-	1	68,35	3	87,30	2	86,04
United Kingdom	5	80,52	5	73,80	5	79,91	1	86,04	1	84,85	5	84,77
Switzerland	2	80,65	2	82,12	6	79,67	6	76,57	4	76,29	3	82,90
Totals	33	77,65	30	77,65	28	80,25	39	76,64	28	81,45	29	83,64

Bronze medals awarded by the member countries at the XIIIth, XIVth, XVth, XVIth, XVIIth and XVIIIth Competitions and corresponding averages in each Competition.

Country	XIII Lisbon		XIV Glasgow		XV Utrecht		XVI Madrid		XVII Bern		XVIII Brussels	
	Medals	Average	Medals	Average	Medals	Average	Medals	Average	Medals	Average	Medals	Average
Germany	7	70,61	8	71,95	8	74,51	8	75,37	3	73,13	6	71,41
Austria	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	1	82,50
Belgium	1	72,25	1	69,95	1	74,30	2	58,67	-	-	-	-
Korea	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	2	67,75	-	-	1	88,50
Denmark	-	-	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.
Spain	9	69,53	1	88,40	1	68,95	4	70,05	1	75,10	3	81,67
Holland	-	-	4	78,56	5	79,92	6	69,10	3	72,05	2	77,40
Ireland	5	76,16	6	71,44	3	80,02	3	75,49	1	86,93	2	74,60
Italy	3	71,40	-	-	1	82,87	-	-	1	77,73	-	-
Japan	-	-	2	84,67	2	81,13	2	66,57	5	78,53	4	76,85
Liechtenstein	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	1	70,36	-	-
Luxemburg	-	-	N.P.	N.P.	-	-	N.P.	N.P.	-	-	3	81,28
Malta	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	-	-	-	-
Portugal	6	74,24	1	69,40	-	-	4	69,23	2	77,45	3	76,29
United Kingdom	2	70,90	5	71,95	3	74,53	2	72,19	7	78,84	1	81,20
Switzerland	2	72,02	1	78,00	4	69,49	5	71,98	4	79,25	3	86,48
Totals	35	71,96	29	73,60	28	75,74	38	70,83	28	77,65	29	78,25

Honourable mentions awarded by the member countries at the XIIIth, XIVth, XVth, XVIth, XVIIth and XVIIIth, Competitions and corresponding averages in each Competition.

C o u n t r y	XIII Lisbon		XIV Glasgow		XV Utrecht		XVI Madrid		XVII Berne		XVIII Brussels	
	Honour Mention	Average	Honour Mention	Average	Honour Mention	Average	Honour Mention	Average	Honour Mention	Average	Honour Mention	Average
Germany	3	67,65	2	76,17	2	79,48	1	63,96	6	77,15	7	76,87
Austria	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	1	77,87
Belgium	3	76,06	2	70,49	-	-	-	-	1	78,65	5	71,74
Korea	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	1	63,44	3	75,09	4	77,82
Denmark	-	-	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.
Spain	3	73,06	1	70,95	4	81,85	-	-	6	79,03	4	78,62
Holland	3	61,78	2	73,56	-	-	-	-	-	-	5	73,13
Ireland	4	65,91	2	74,21	-	-	-	-	3	73,85	6	80,72
Italy	3	65,89	2	79,17	-	-	1	80,50	-	-	3	81,66
Japan	-	-	2	68,51	1	87,35	-	-	3	77,21	5	73,01
Liechtenstein	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	1	76,66	2	81,61
Luxemburg	-	-	N.P.	N.P.	1	81,50	N.P.	N.P.	-	-	1	79,10
Malta	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.	-	-	1	80,07
Portugal	2	67,50	-	-	2	59,85	1	77,60	4	78,43	9	70,42
United Kingdom	4	73,30	2	59,85	-	-	1	71,10	2	77,19	8	72,80
Switzerland	2	63,28	-	-	2	84,75	1	84,92	-	-	4	78,27
Totals	27	68,58	15	73,54	12	79,07	6	73,58	29	77,20	65	75,35

DATE AND PLACE OF THE INTERNATIONAL COMPETITIONS HELD UP TO 1969; NUMBER OF COUNTRIES AND CONTESTANTS TAKING PART IN EACH OF THEM.

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Competition	Year	City	Country	Nº of countries taking part	Nº of contestants taking part
I	1950	Madrid	Spain	2	24
II	1952	Madrid	Spain	2	16
III	1953	Madrid	Spain	7	45
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.Kingdom	10	200
XV	1966	Utrecht	Holland	11	221
XVI	1967	Madrid	Spain	11	233
XVII	1968	Berne	Switzerland	14	256
XVIII	1969	Brussels	Belgium	15	266
TOTALS		12	9	18	2.821

Total participants, medals and mentions awarded by member countries at the XIV, XV, XVI, XVII and XVIIIth Competitions.

C o u n t r y	XIV Glasgow					XV Utrecht					XVI Madrid					XVII Berne					XVIII Brussels										
	Participants	Medals				Honourable ment.	Participants	Medals				Honourable ment.	Participants	Medals				Honourable ment.	Participants	Medals				Honourable ment.							
		GOLD	SILVER	BRONZE	Total			GOLD	SILVER	BRONZE	Total			GOLD	SILVER	BRONZE	Total			GOLD	SILVER	BRONZE	Total								
Germany	26	3	5	8	16	2	28	1	5	8	14	2	32	4	5	8	17	1	28	1	5	3	9	6	29	4	2	6	12	7	
Austria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	1	1	2	1	
Belgium	17	1	2	1	4	2	16	1	2	1	4	-	15	2	2	2	6	-	16	1	1	-	2	1	14	1	1	-	2	5	
Korea	-	-	-	-	-	-	-	-	-	-	-	-	9	2	1	2	5	1	15	4	4	-	8	3	17	2	5	1	8	4	
Spain	26	4	5	1	10	1	26	2	-	-	1	3	4	38	9	4	4	17	-	24	3	1	1	5	6	26	3	2	3	8	4
Holland	16	3	-	4	7	2	30	5	4	5	14	-	25	1	5	6	12	-	23	1	3	3	7	-	25	-	4	2	6	5	
Ireland	28	1	3	6	10	2	23	1	3	3	7	-	21	1	5	3	9	-	21	-	4	1	5	3	23	2	-	2	4	6	
Italy	13	-	2	1	3	2	15	4	-	2	6	-	10	1	2	-	3	1	13	2	-	1	3	-	13	-	1	-	1	3	
Japan	19	6	5	2	13	2	20	9	3	1	13	1	20	5	7	2	14	-	19	6	2	5	13	3	23	9	2	4	15	5	
Liechtenstein	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	1	1	1	3	1	-	-	1	2	
Luxemburg	-	-	-	-	-	-	4	-	-	-	-	1	-	-	-	-	-	-	6	-	-	-	-	-	9	-	1	3	4	1	
Malta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	5	-	-	-	-	1	
Portugal	18	2	1	1	4	-	14	-	-	-	-	2	19	3	1	4	8	1	21	-	3	2	5	4	24	-	2	3	5	9	
United Kingdom	28	9	5	5	19	2	27	4	5	3	12	-	26	2	2	2	6	1	26	2	1	7	10	2	23	-	5	1	6	8	
Switzerland	9	2	2	1	5	-	18	2	6	4	12	2	18	2	6	5	13	1	34	8	4	4	16	-	27	6	3	3	12	4	
Totals	200	31	30	30	91	15	221	29	28	28	85	12	233	32	40	38	110	6	256	28	28	28	84	29	266	28	29	29	86	65	

Total participants and averages obtained by branches at the Glasgow, Utrecht, Madrid, Berne and Brussels

Competitions.

Branches	XIV Glasgow			XV Utrecht			XVI Madrid			XVII Berne			XVIII Brussels		
	Participants	Averages	Classification	Participants	Averages	Classification	Participants	Averages	Classification	Participants	Averages	Classification	Participants	Averages	Classification
Electricity	27	76,37	1st	27	80,63	1st	30	79,66	1st	37	76,72	1st	39	80,24	1st
Wood	34	68,60	2nd	27	63,53	6th	24	65,58	6th	28	70,37	4th	32-3	59,32	5th
Artistic Trades	11	67,27	3rd	13	61,22	7th	10	77,12	2nd	9	67,80	6th	8	66,14	7th
Construction	30	67,19	4th	36	71,02	3rd	35	70,21	3rd	37	68,52	5th	42-1	69,27	6th
Metallurgic	45	65,19	5th	52	69,75	5th	53	66,31	7th	56-3	65,65	7th	63-4	72,66	3rd
Mechanic	53	60,53	6th	46	70,64	4th	45	66,40	5th	61	70,17	3rd	60-1	69,97	4th
Confection, Leather and Services	-	-	-	11	75,33	2nd	20	67,24	4th	21	70,99	2nd	16-1	73,69	2nd
Totals	200	64,40		212	69,75		217	69,77		249-3	69,94		260-10	72,12	

Scale of number of contestants at each of the Competitions held up to 1969
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<u>Competition</u>	<u>Year</u>	<u>Place</u>	<u>n° Contestants</u>
XVIII	1969	Brussels	266
XVII	1968	Berne	256
XVI	1967	Madrid	233
XII	1963	Dublin	227
XV	1966	Utrecht	221
XIV	1965	Glasgow	200
XIII	1964	Lisbon	198
X	1961	Duisburg	193
IX	1960	Barcelona	173
XI	1962	Gijón	156
VIII	1959	Módena	150
VII	1958	Brussels	144
VI	1957	Madrid	128
V	1956	Madrid	88
IV	1954	Madrid	83
III	1953	Madrid	65
I	1950	Madrid	24
II	1952	Madrid	16

Competitions held.	18
Participating countries.	18
Host countries	10
Total contestants.	2.821

Year of entry of the different Countries into the International
Apprentice Competitions, and the first Competition in which each
participated.

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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)
Luxemburg	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	Berbe (Switzerland)
Austria	XVIII	1969	Brussels (Belgium)

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

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<u>Country</u>	<u>Competitions</u>	<u>Participants</u>
Spain	18	476
Portugal	18	268
Germany	16	352
United Kingdom	15	343
Belgium	15	251
Switzerland	14	161
Ireland	13	256
Italy	13	212
Holland	8	154
Japan	8	140
Luxemburg	8	50
France	6	35
Austria	4	29
Morocco	2	24
Korea	3	41
Malta	2	12
Liechtenstein	2	6
Denmark	1	11
TOTAL		<hr/> 2,821

Total participants by countries and competitions.

C o u n t r y	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	XVI	XVII	XVIII	Total
Spain	12	8	24	26	28	35	30	28	37	30	25	27	26	26	26	38	24	26	476
Portugal	12	8	8	10	9	14	8	12	17	12	16	20	27	18	14	19	21	24	269
Germany	-	-	18	19	5	13	13	16	25	32	24	24	20	26	28	32	28	29	352
United Kingdom	-	-	1	-	7	12	20	23	31	31	28	31	28	28	27	26	26	23	342
Switzerland	-	-	4	8	3	-	2	3	-	11	5	10	9	9	18	18	34	27	161
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	251
Italy	-	-	-	-	15	19	15	31	25	19	-	13	11	13	15	10	13	13	212
Ireland	-	-	-	-	-	4	17	14	18	18	16	32	21	28	23	21	21	23	256
Luxembourg	-	-	-	-	-	-	4	4	-	8	-	9	6	-	4	-	6	9	50
Austria	-	-	-	-	-	-	-	-	-	8	8	8	-	-	-	-	-	5	29
Holland	-	-	-	-	-	-	-	-	-	-	8	13	14	16	30	25	23	25	154
Japan	-	-	-	-	-	-	-	-	-	-	8	14	17	19	20	20	19	23	140
Denmark	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-	-	11
Korea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	15	17	41
Liechtenstein	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	6
Malta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	5	12
T o t a l s	24	16	65	83	88	128	144	150	173	193	156	227	198	200	221	233	256	266	2,821

PROVISIONS AND RESOLUTIONS ADOPTED BY THE
ORGANIZING COUNCIL.-

The By-Laws of the Competitions, though rich in provisions, cannot always be made to fit all the different conditions under which different Competitions are held.

Each Contest is organized under differing circumstances that arise unavoidably from the distinctive methods, resources and characteristics of whatever country is arranging it. For that reason, at each Contest, the Organizing Council approves a series of motions which, though naturally not contrary to the spirit and principles of the By-Laws, do allow their adaptation to a particular medium and, at the same time, the attainment of our always invariable ends.

In the following pages will be found the Minutes of Meetings held in preparation for the 18th International Competition and of others held during its course by the Organizing Council and its Technical Committee.

The correctness of such Minutes is certified by the Secretariat-General, always obedient to Council's orders and those of the International President, its spokesman and head.

MINUTES OF THE MEETING OF THE ORGANIZING COUNCIL HELD IN MADRID FROM
24TH TO 26TH OCTOBER, 1968.- =====

In attendance

Mr. Müller
Mr. Ramos
Mr. Cech
Mr. Schubert
Mr. Woerner
Mr. Angeli
Mr. Vlaemmink
Mr. Vastiau
Mr. Lee
Mr. Kang
Mr. Palencia
Mr. Laman Trip
Mr. Hamer
Mr. O'Flanagan
Mr. Power
Mr. Malagodi
Mr. Furuya
Mr. Miyamori
Mr. Seger
Mr. Glaesener
Mr. Chircop
Mr. Raimondo
Mr. Dias Ferreira
Mr. Vilar Queiroz
Mr. Hill
Mr. Reeves
Mr. Schürch

Observers

Mr. English

Secretariat

Mr. Albert
Mr. Capdepon

The President, Mr. Lopez, opened the meeting cordially welcoming all those present. Members of the Council were then immediately asked to consider the Agenda. The programme was approved, and debate began on the first item.

1^o.- CONFIRMATION IF APPROVED, OF THE MINUTES OF THE MEETING OF THE ORGANIZING COUNCIL HELD IN BERNE ON 13TH JULY, 1968.

Approved unanimously.

2^o.- ELECTION OF THE PRESIDENT OF THE ORGANIZING COUNCIL OF THE INTERNATIONAL VOCATIONAL COMPETITIONS

The President, Mr. Lopez, reminded Council that regulations in force required the new President to be elected by secret ballot. He asked Council if it felt the ruling should be followed to the letter or if some other method should be agreed on. Messrs Hill and Malagodi, Official Representatives of the United Kingdom and Italy respectively, did not consider a secret ballot necessary as they thought the new President ought to be elected unanimously, and proposed Mr. Baldomero Palomares Díaz.

Council approved the method suggested, and unanimously elected Mr. Baldomero Palomares as President of the Organizing Council of the International Vocational Competitions.

Mr. Lopez, International President until that moment, informed Council that Mr. Palomares could not assume the Presidency as he was sick, although it was fully expected he would be able to do so before the end of the current session.

3^o.- APPOINTMENT OF HONORARY PRESIDENT, 1ST VICE-PRESIDENT AND PRESIDENT OF THE TECHNICAL COMMITTEE.-

Mr. Müller proposed to Council that Mr. Eugenio López be named Honorary President of the International Council in recognition of the advances made during his mandate. This had last six years, and in that time the Competition had attained a high level and three new countries had joined. The Meeting approved Mr. Müller's proposal unanimously.

Mr. Lopez expressed his thanks, saying he was greatly moved by this distinction. Then, in accordance with the Regulations, he named Mr. Vlaemmink, Official Representative for Belgium, as 1st Vice-president for the reason that the next Competition was to be held in Brussels and because Mr. Müller, Official Representative for Switzerland, and acting 1st Vice-president, ~~discontinued~~ in that post. Mr. Ramos on his own behalf

and on that of members of the Council, then thanked Mr. Müller for his excellent services during his mandate, and cordially welcomed Mr. Vlaemmink to what would surely be a most successful 1st Vice-presidency.

Mr. Ramos then proposed Mr. Woerner should continue one year more as President of the Technical Committee, considering that his term of office had not yet finished. The Meeting approved Mr. Ramo's proposal unanimously.

Mr. López then took his leave, and Mr. Vlaemmink occupied the Chair, thanking councillors for their encouraging words.

4^a.- CONFIRMATION IF APPROVED, OF THE DEFINITION OF THE TRADES INCLUDED IN THE COMPETITIONS.-

Mr. Woerner explained to Council the work done from 17th to 23rd October by the Commission appointed by the Organizing Council to consider this matter. The Commission also held Meetings in Brussels during January and May of the current year.

Mr. Woerner said that so far 12 definitions had been formulated, and that this had cost considerable efforts in view of the difficulty of translating same into the trade terms of three languages. At all events, he felt the work had been well done and that, once editing and translation had been verified, other countries would receive the texts for translation into their own languages. He proposed the trade definitions should be printed in size DIN A-4 so that photographs of models of equipment and tools necessary in each trade could be included.

The procedure observed in establishing the content of these definitions was the following:

- a) Define each trade in a general, though brief, way.
- b) State what skills and knowledge are expected of a competitor.
- c) List materials that may be called for - in a general way.
- d) Measuring instruments necessary in the trade.
- e) List tools, machinery and other implements commonly used.
- f) Drawing standards to be used for the plans of the exercises proposed.
- g) Marking criteria to be observed by the Juries for each trade.

The definition formulated for the Pressstool-making trade was then read out - to serve as an example for Council.

Mr. Albert, Secretary, then moved the following steps be taken to bring work on these definitions to a close:

The 12 definitions formulated by the Sub-Committee to be translated into English and German before the end of November.

Once finished, the translations to be sent to all Representatives on the Council so that they might make any criticisms or suggest any changes they thought advisable.

C3-13-03

The Sub-Committee to meet again, to finish their work.

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The said definitions to be applied on a trial basis in the Competition to be held in 1969, and afterwards to be approved definitively at the meetings scheduled for October of the same year.

The Representative for Luxemburg, Mr. Glaesener, moved that once translated into German, the definitions could be translated from that language into french by him. This idea was gratefully accepted.

Mr. Woerner's information and Mr. Albert's suggestions having been heard, Council approved the following:

- 1^a.- Ratification of the procedure followed in formulating the definitions of the trade.
- 2^a.- That the 12 definitions formulated so far be sent urgently and in the three languages to the different missions.
- 3^a.- That the Sub-Committee meet again in London from 22nd January next in order to finish its work. (Mr. English was thanked for his offer of the use of the dependencies of the City and Guilds of London Institute as a meeting-place for the Sub-Committee).
- 4^a.- That once all work in London is finished, the remaining definitions should be sent to the Representatives before the end of march 1969 so that any changes could be proposed.
- 5^a.- That the definitions should be observed on a trial basis at the next Competition, set down for 1969, and that same should be submitted for definitive approval to the Council and the meetings to be held in October.

Finally, Mr. Woerner suggested Council study the new draft of the Technical Committee Regulations drawn up recently. Proposal accepted but discussion postponed till another day of the present session.

5.- REPORT FROM THE BELGIAN MISSION ON THE 18TH COMPETITION, TO BE HELD IN BELGIUM.-

The Vice-president, Mr. Vlaemmink, reported to Council on certain matters relating to the 18th International Competition. In brief, as follows:

- 1.- It will be held in Brussels from 2nd to 16th July 1969. at the D. Bosco School.
- 2.- The maximum number of competitors to be allowed entry will be 260.
- 3.- The programme of the competition will be as follows:
2nd July.- Arrival in Brussels of the Technical Representatives, experts, and members of the Secretariat.
5th July.- Arrival in Brussels of the Official Representatives and competitors.

7th July.- Beginning of the Competition.

16th July.- End of the Competition.

4.- The trades to be included in the Competition will be the same as those in the Berne Competition, with the exception of Shoe-making, for which the established minimum of five entries has not been received. However, Woodpattern-making has been included at the request of numerous missions.

The new trades of Watch-making and Manual-Type-setting proposed by Switzerland and Germany respectively will be ruled out as the minimum number of entries required by the Regulations has not been received.

Mr. Vastiau, Technical Representative for Belgium, then explained to Council what provisions had been made by the Belgian Organizing Committee to facilitate the Competition in each one of the trades convoked. Difficulties being experienced were the following:

FITTING; PRESSTOOL MAKING; INSTRUMENT MAKING AND ENGINEERING DRAWING.- These trades presented no difficulties.

TURNING.- Arrangements were being made for the donation or loan of the 16 lathes necessary for the Competition.

MILLING.- Difficulties experienced because of the 10 mills necessary for the Competition. Should it prove impossible to arrange their donation or loan, this trade would have to be eliminated.

CONSTRUCTIONAL STEEL WORK.- It was requested that exercise proposals in this trade be for small scale jobs, as space was lacking in the place destined for this trade.

GAS AND ELECTRIC WELDING.- No difficulties of any kind.

SHEET METAL WORK AND PANEL BEATING.- As for Constructional steel work.

WOODPATTERN MAKING.AND FOUNDRY MOULDING.- No difficulty.

INDUSTRIAL ELECTRONICS AND RADIO & TV REPAIRING.- Arrangements were being made for the different equipment for these trades to be acquired or donated.

HOUSE AND INDUSTRIAL WIRING.- No difficulty of any kind. Samples of plastic tubing to be sent.

CABINET MAKING.- No difficulties. Soft wood will be used.

JOINERY AND CARPENTRY.- No difficulties. Soft wood will be used.

PLUMBING.- No difficulties. Samples of plastic tubing to be sent, and sections of lead and copper tubing.

BRICKLAYING.- No difficulties. Brick dimensions to be announced.

STONE CUTTING.- Type of stone to be announced, though it would most probably be of the "small granite" type.

PAINTING.- No difficulties. LATEX paint to be used. Water-repellant. Sample will be sent if possible.

PLASTER WORK.- No difficulties. Sample of plaster to be sent and setting time to be announced.

TAILORING.- No difficulties.

JEWELLERY.- No difficulties.

LADIES HAIRDRESSING.- No difficulties. Models will be found by the Belgian Organizing Committee. Tests to be carried out have yet to be announced. The firm L'OREAL of Paris will supply each Country with two models.

6.- COMPOSITION OF JURIES.-

At several meetings held, the Technical Committee agreed to name the experts who will make up the Juries in each of the trades, and also to name the Presidents of the Juries in the manner set out in Appendix n° 1.

The various trade Committee were also constituted; and details of this are also set out in Appendix n° 1. Finally, the countries were designated which must present one or several exercise proposals in specific trades - though it was pointed out that such an obligation did not cancel out the adviseability of sending other exercise proposals for the remaining trades. The latter would have as much chance of being chosen as the proposals presented under obligation, if the Juries thought fit.

The Organizing Council subsequently unanimously approved all the provisions mentioned above, details of which are to be found in appendix 1 & 2 of these Minutes.

7.- REPORT OF THE JAPANESE MISSION ON THE TRANSPORT OF PEOPLE AND EQUIPMENT AND ON OTHER DETAILS CONCERNING THE 19TH COMPETITION TO BE HELD IN TOKIO IN 1970.-

Prior to the Meeting of the Organizing Council, the Representative for Japan had prepared a note giving information on several matters related to the 19th International Competition, which will be held in Tokyo. The contents of the note were the following:

1. The Competition will be held in Tokyo in the first days of July, 1970.
2. It will last a fortnight. The first five days will be devoted to the preparation of the Competition by the Technical Representatives, experts, and members of the Secretariat-General. The remaining days will be occupied by the Commission itself. It was suggested the competitors might be well advised to arrive in Tokyo two days early, in order to become acclimatized.
3. The persons entitled to charter flights would be the following:

President
Vicepresident
Secretariat General

Official Representatives
 Technical Representatives
 Experts from each Country designated by the Council
 Official Observers (Two per country)
 Heads of teams
 All Competitors

4. The Journey will be made in planes of Japan Air Lines. The cost per person would be 300 dollars.
5. The flight will be made in planes DC-8 type, each capable of taking 130 passengers.
6. Three planes being necessary to transport the persons attending the Competition, they will begin the journey from one of the following Airports: London, Paris or Hamburg.
7. Cost of board and lodging in Tokyo will be met by the Japanese Organizing Committee for all persons coming under heading n° 3.
8. Guests will pay for their own board and lodging. Normally the daily rate at a Hotel is from 7 to 10 dollars, but, arrangements may be made whereby certain Hotels in Tokyo would allow guests a discount.
9. The Competition will be organized on exactly the same lines as those followed in the Competitions held recently in Europe.
10. The Organizing Council, Experts, Secretariat staff and observers would all be lodged in the same Hotel. Competitors would be lodged in different places.
11. The Competition will be held in a Training Centre allowing maximum facilities for all types of work in each of the trades convoked.
12. The number of trades convoked will be not less than 31.
13. Cost of transporting competitor's tools will be borne by each country.
14. Each person will have a baggage allowance of up to 30 kilograms.
15. To facilitate the clearance of tools through customs, a nominal statement of same should be sent beforehand to the Japanese Delegation.
16. The Japanese National Committee will advise the Organizing Council in one month's time concerning the possibility of arranging an insurance policy to cover medical and pharmaceutical expenses of all persons attending the Competition. Policies covering accident, disablement and death must be arranged by each Country.
17. Each country will pay to the Japanese Committee the travelling expenses of its representatives.
18. At one of the meetings of the Organizing Council to be held in Brussels during the 18th Competition, each country should state the total number of persons it will be sending to the Competition in Japan. This will allow the Japanese Committee to arrange Hotel accommodation and charter flights sufficiently in advance.

19. It is estimated that three planes will be needed for the flight out, and four for the return.

20. Should it happen that Technical Representatives, experts and Secretariat staff cannot be flown to Tokyo on charter flights, the Japanese Committee will pay half of the total prize fares.

21. Official and Technical Representatives who wish to travel by some route other than the one over the Pole, will pay the difference in fares to the Japanese Committee.

22. Guests will be able to travel on the same flights as other persons attending the Competition, the cost per guest being estimated at 600 dollars.

Members of the Organizing Council unanimous in thinking that the dates chosen by the Japanese Organizing Committee for the 19th Competition were not suitable, as weather conditions in Tokyo in July are so extreme that they would be difficult for European competitors to cope with. For this reason it was requested of the Japanese Mission that dates for the Competition be changed to May or June, or to the end of August or beginning of September. Mr. Furuya took note of this unanimous proposal and will submit it to the Japanese Organizing Committee for consideration, he agreed to let the Organizing Council have an answer before the end of the year.

Messrs. D'as Ferreira and Hill, Official Representatives for Portugal and United Kingdom respectively, asked that the Japanese Mission kindly study the possibility of arranging for two of the charter flights to the 19th Competition to start from Lisbon and London respectively. This would facilitate matters for the Portuguese, Spanish, Irish and British competitors. Mr. Furuya noted this suggestion and promised a reply would be given before the end of the year.

8.- COUNCIL NOTIFIED OF THE CREATION OF A NATIONAL VOCATIONAL COMMITTEE IN TAIPEI (REPUBLIC OF CHINA).--

Council was next asked to consider what a reply should be sent to the letter received from Mr. S.C. Wang Director of the National Vocational Service for Industry in the Republic of China, a copy of that letter being before each member. The following reply was agreed upon:

"The Organizing Council will offer Technical assistance and information on its own Competitions to the Republic of China so that Competitions be made on a National scale in China resembling or exactly similar to the International Competitions held. But such help and information does not imply any prior agreement to consider a possible request for admission to the International Competitions which may be made in the future by China.

The Secretariat-General subsequently drew up a note which was sent to the councillor at the Embassy of the Republic of China in Madrid, Mr. Pablo S.K. Tseng, to be transmitted by him to Mr. Wang together with ample technical information on our Competitions facilitated by the Secretariat (Appendix n° 3).

9. THE NEW PRESIDENT, MR. PALOMARES, TAKES UP HIS POST.— On the morning of 26th October, Mr. Palomares, recovered from his sickness, took up the Presidency. He thanked Council for the confidence it had in him, saying he considered himself outworthy of it.

He affirmed that the Competition had become so widespread and well known thanks to the perseverance, collaboration and cooperation of all the member Countries. Although activities had began in Spain, he insisted that the present, excellent state of affairs was the result of work done by all the countries. In his opinion, being President, means principally, being spokesman for the Council as far as its opinions and resolutions are concerned, and working passionately in the education of young people as a means of avoiding upheaval and disturbance among the youth of today - phenomena which are more and more seen on a world wide scale. He considers this is the finest and most important goal a man can have, and it is his opinion that the Competitions if they are to be even more efficacious should be based on the twin pillars of friendship and exchange of thoughts.

In conclusion, he expressed his fervent hope that France and Denmark would again take part in the Competitions in the near future, and that other Nordic Countries would join as well. He extended a special greeting to Mr. Häusler-Angeli, Representative for Austria, congratulating him personally and on behalf of Council on the occasion of his country rejoining the Competition. Finally, he offered his loyal friendship and personal consideration to all members of Council. Recalling the great success obtained by the Swiss Organizing Committee at the 17th Competition. Mr. Palomares informed the Council that Messrs. Müller and Schürch had been granted the Medalla de Plata de la Juventud Española, in recognition of meritorious services rendered by them in the organization and planning of that Competition. The Secretary-General was asked to read out the Diploma granting the said medals, after which Mr. Palomares conferred the decorations on Messrs. Müller and Schürch.

Mr. Müller, on his own and Mr. Schürch's behalf thanked Mr. Palomares for this distinction, but wished to point out that they had merely been fulfilling their vocation as educators of working youth. By profession, they were teachers, and the Competitions afforded them an agreeable and excellent means of exercising their profession. In conclusion Mr. Müller drew attention to the fact that the merits ascribed to himself and his colleague were by no means personal merits of theirs, but those of a well-knit team composed of numerous people and of which they were only members.

The President proposed and it was accepted that the Meeting should then proceed to discuss the remaining item on the Agenda which was the following:

10.- CONFIRMATION, IF APPROVED, OF THE TECHNICAL COMMITTEE REGULATIONS; MARKING SCHEDULES, COMPOSITION OF JURIES; RECOMMENDATIONS FOR PRIZES, ETC. APPENDIX TO SAID REGULATIONS.-

This point, the last to be discussed at this meeting and the third on the Agenda, was submitted to Council for consideration by the President Mr. Palomares, who proposed that the Secretary-General should read out the new draft of the Technical Committee Regulations so that, if approved, it could be confirmed by Council. Mr. Albert read out the said Regulations first in their entirety and then part by part. During the reading, some changes were introduced into the draft and corresponding alterations were made to the German, English and Spanish translations of same. Finally, the Regulations were approved in the form set out in appendix nº 4.

The President asked Council members to state any requests or questions they wished concerning the last item on the Agenda. Same were as follows:

- 1.- Ratified that the date of birth of the candidates taking part in the 18th International Competition cannot be before 1949.
- 2.- Noted that Belgian and Italian Missions are not in agreement with the method of selecting the experts who will compose the Juries at the Brussels Competition.
- 3.- Member Countries must advise the Secretariat what number of participants they will be sending to the 18th Competition before the 31st December of this year.
- 4.- The port folios of proposals for exercises must be sent to the Belgian Organizing Committee at least two months before the beginning of the Competition.
- 5.- Likewise, the exercise proposals drawings, properly scaled, should be sent to the Secretariat-General two months before the opening date of the Competition.
- 6.- Approval of the motion put by the President that the annual General Meeting of the Organizing Council for 1969 be held in the City of Granada, Approved also that an observer from Ireland might attend the Meeting in compliance with the request made by Mr. Michael O'Flanagan, Official Representative for Ireland.
- 7.- The Luxemburg Mission advised that on 28th and 29th November a Vocational Training and Proficiency Day would be held in Luxemburg. Mr. Glaesener, Official Representative for that Country, invited Council members to attend.
- 8.- Agreed that the Secretariat-General should undertake a study of the results obtained in the application of the "time factor" at the Berne Competition, so as to be able to assess its importance in the markings.

This study will serve as a basis for considering the proposals made by Messrs. Palencia and Schubert, Technical Representatives for Spain and Germany respectively, that the evaluation of the "time factor" concept should begin at the half way point of the time taken for a job (Mr. Palencia's idea), or at the moment when the time officially allowed for the job expires (Mr. Schubert's idea).

Finally, Council was informed that the Austrian Mission would advise as soon as possible what number of participants it would be sending to the 18th Competition, and that it would also let Council know the name, address and profession of the Official and Technical Representatives for Austria on the Organizing Council.

The Austrian Mission will name two experts in whatever trades it wishes. Such persons will have the role of special observers with wide facilities, and will be able to witness the working of the Competition in all the trades convoked.

At this point, as there was no further business, the President wished all members of Council a good return journey to their respective countries, and ordered that the proceedings of the session be recorded by the Secretary-General in these Minutes, which I certify as correct.

ANNEX IV - THE REPORT OF THE MEETING OF THE COORDINATING COUNCIL
Held at Madrid on 25-26 October 1964

Regarding the annexes please see following pages:

Annexes: Press notes and Reports on each of the Parties
participating in the 1964 International Agriculture Competition

(See pages 22 and 23 of this Report)

ANNEX N° 1 TO THE MINUTES OF THE MEETING OF THE ORGANIZING COUNCIL
HELD IN MADRID ON THE 24TH AND 26TH OCTOBER 1968

Commissions, Presidents and Experts in each of the **Juries**
foreseen for the 18th International Apprentice Competition.

(See pages 22 and 23 of this Report)

Provisional Inscription of competitors	Germany	Austria	Belgium	Korea	Spain	Holland	Ireland	Italy	Japan	Liechtenst	Luxemburg	Malta	Portugal	U.Kingdom	Switzerland	TOTALS	
TRADES																	
1 Fitting			x	x	x	x	x	x	x	x	x	x	x	x	x	14	23 I
2 Presstool making	x				x	x	x		x	x			x	x	x	9	
3 Instrument making	x					x			x				x	x	x	6	17 II
4 Engineering D.	x			x	x		x	x	x	x		x	x	x	x	11	
5 Turning	x		x	x	x	x	x	x	x		x	x	x	x	x	13	23 III
6 Milling	x				x	x	x	x	x			x	x	x	x	10	
7 Const.Steel work	x		x		x	x	x		x		x	x	x	x	x	11	29 IV
8 Gas welding				x	x		x	x	x				x	x	x	9	
9 Electric welding	x				x	x	x	x	x				x	x	x	9	
10 Woodpattern m.	x			x	x	x	x	x	x				x	x	x	10	18 V
11 Foundry Moulding				x	x	x	x	x	x				x	x		8	
12 Panel Beating	x		x		x	x	x	x	x				x		x	9	
13 Sheet metal work	x			x	x	x	x		x				x	x		8	28 VI
14 Plumbing	x		x	x	x	x	x		x		x		x	x	x	11	
15 Industrial Elec	x				x				x				x	x	x	6	16 VII
16 TV & R.Repairing	x		x	x	x		x	x	x				x	x	x	10	
17 House wiring	x		x	x	x	x	x	x	x		x	x	x	x	x	13	26 VIII
18 Industrial wiring	x		x	x	x	x	x	x	x	x	x		x	x	x	13	
19 Bricklaying	x		x		x	x	x	x		x				x	x	9	15 IX
20 Stone cutting	x		x			x							x	x	x	6	
21 Painting	x		x	x	x	x	x				x		x	x	x	10	17 X
22 Plaster work	x					x	x		x	x				x	x	7	
23 Cabinet making	x		x	x	x	x	x	x	x		x	x	x	x	x	13	23 XI
24 Joinery	x		x		x	x	x		x		x		x	x	x	10	
25 Carpentry	x		x	x	x	x	x		x				x	x	x	10	10 XII
26 Jewellery	x				x	x	x	x					x	x	x	8	16 XIII
27 Tailoring	x		x	x	x	x	x		x						x	8	
28 Hairdressing	x		x	x	x	x	x				x			x	x	9	9 XIV
TOTALS	27		16	16	25	24	25	15	23	6	10	7	24	26	26	270	

Annex n° 2

MINIMUM NUMBER OF EXERCISE PROPOSALS WHICH EACH MEMBER COUNTRY MUST PRESENT IN EACH ONE OF THE SPECIALITIES INDICATED.--

-
- 1.- Fitting..... Germany, United Kingdom, Portugal and Malta
 - 2.- Presstool making..... Luxemburg, Portugal, Belgium and Austria
 - 3.- Instrument making..... Spain, Liechtenstein, Switzerland & Holland
 - 4.- Engineering drawing..... Germany, United Kingdom, Switzerland & Italy
 - 5.- Turning..... Germany, Korea, Italy and Malta
 - 6.- Milling..... Spain, Italy, Belgium and Ireland
 - 7.- Constructional steel work..... Japan, United Kingdom & Portugal
 - 8.- Gas welding..... Japan, Portugal, United Kingdom & Korea
 - 9.- Electric welding..... Germany, Japan, United Kingdom & Spain
 - 10.- Woodpattern making..... Italy, Japan, and Portugal
 - 11.- Foundry Moulding..... Belgium, Holland and Portugal
 - 12.- Panel Beating..... Spain, Portugal, Japan and Germany
 - 13.- Sheet metal work..... Portugal, Ireland, Holland and Austria
 - 14.- Plumbing..... Spain, Ireland and Switzerland
 - 15.- Industrial electronics..... Portugal, Liechtenstein, Switzerland & Germany
 - 16.- TV & Radio repairing..... Spain, United K, Switzerland & Belgium
 - 17.- House wiring..... Spain, Ireland, Luxemburg, and Portugal
 - 18.- Industrial wiring..... Germany, Spain, Luxemburg and Italy
 - 19.- Bricklaying..... Switzerland, United K, Holland & Austria
 - 20.- Stone cutting..... United K, Luxemburg, Belgium & Portugal
 - 21.- Painting..... Korea, Spain, Holland and Germany
 - 22.- Plaster work..... Belgium, United K, Switzerland & Holland
 - 23.- Cabinet making..... Japan, Holland, Luxemburg and Austria
 - 24.- Joinery..... Korea, Liechtenstein, Japan and Germany
 - 25.- Carpentry..... Ireland, Japan, Belgium & Korea
 - 26.- Jewellery..... Belgium, Switzerland, United K, and Holland
 - 27.- Tailoring..... Holland, Luxemburg, Switzerland, & Korea
 - 28.- Women hairdressing..... Belgium, Austria, United K, and Germany

Report on the petition from the Republic of China to the Organizing Council seeking information on the International Vocational Competitions and requesting permission to send observers to the 18th International Competition to be held in Brussels July, 1969.

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Amongst the papers given to members of Council, there was a photocopy of the letter sent to the International President, D. Eugenio Lopez, by the Executive Director, Mr. S.C. Wang, setting out the above mentioned request.

The Republic of China's position was submitted to the consideration of the Organizing Council on 25th October. After exchanging opinions and points of view, Councillors agreed on the following points; which were all adopted unanimously.

1.- The Organizing Council will send to the Republic of China whatever information is asked for concerning the organization, planing and measures adopted by the said Council to assure the success of the Competitions.

2.- The International Organizing Council and the Belgian Organizing Committee will be happy to welcome two chinese observers to the 18th International Competition, to be ohld in Brussels, so that they may get to know the workings of the Competition well and from close quarters.

3.- The Organizing Council have no objections whatever if the Republic of China desires to organize a similar o identical activity on a national scale.

The adoption of this attitude is at least adviseable , as it would mean a further spread of the idea of the Competitions. But more, than this, it is desirable, as it would constitute an honour for the Council, a confirmation of the good and efficacious nature of its activity.

4.- The fact that the Organizing Council gives information and consents to the holding in China of Competitions similar to those held in Europe for the last 17 years, it is in no way to be constructed as a tacit agreement to grant any request for admission which may be made by the Taipei Council in the near or distant future.

5.- What is expressed in section 4 of this document depends on the constitution of the International Competitions now in force, where under the heading MEMBERS the following is laid down:

"The International Vocational Competitions are to be Competitions organized on a European basis. However, non-European Countries may be admitted provided the Technical organization of the Competitions is not prejudiced".

"Any Country desiring to take part in the Competitions must submit its petition to the Council in the form stipulated. Such petition must be signed by the Government concerned, or by some appropriate national organization. Individual or private petitions will not be accepted.

6.- Further, and again in accordance with the said Constitution, the Organizing Council could only accept or reject a request for admission from the Republic of China when such request is expressly put forward by that Country, and after it has been established the viability and success of its National Competitions.

7.- Attention is drawn to a long-established custom observed by the Council - namely, that its decisions are always unanimous. It is therefore particularly difficult to obtain its unanimous assent to petitions which are not convincingly serious and valid.

The Organizing Council feels itself honoured by the interest of distant Countries, and desires to express its pleasure and pride in the compliment afforded it by the Republic of China.

Madrid, 30th, October, 1968.

The Secretary-General

Francisco Albert Vidal.

ANNEX N° 4 TO THE MINUTES OF THE MEETING OF THE ORGANIZING COUNCIL
HELD IN MADRID ON THE 24TH AND 26TH OCTOBER 1968

Instructions for the Technical Committee, Juries and
Workshop Foremen.

(See pages 25, 26 and 27 of this Report)

MINUTES OF THE MEETINGS OF THE TECHNICAL COMMITTEE AND ORGANIZING COUNCIL HELD ON 2ND, 3RD, 6TH & 7TH JULY, 1969, AT THE DON BOSCO TECHNICAL INSTITUTE IN BRUSSELS (BELGIUM).

In attendance:

President:

Mr. Palomares

Vice-Presidents:

Mr. Vlaeminck

Mr. Ramos

Chairman Technical Committee:

Mr. Woerner

Voting Members:

Dr. Schubert

Mr. Banner

Mr. Vastiau

Mr. Lee

Mr. Kang

Mr. Palencia

Mr. Lanan Trip

Mr. Haner

Mr. Power

Dr. Malagodi

Dr. Guedini

Mr. Hayakawa

Mr. Furuya

Mr. Miyanori

Mr. Seger

Mr. Röstli

Mr. Misch

Mr. Raynondo

Mr. Chircop

Mr. Dias Ferreira

Mr. Vilar Queiroz

Mr. Hill

Mr. Reeves

Mr. Müller

Mr. Schürch

Experts

Secretariat:

Mr. Albert

Mr. Capdepón

Meetings of the Technical Committee and experts were held on 2nd, 3rd and 6th July to organize and prepare for the 18th International Apprentice Competition. After a great deal of hard work and much debating, the exercise proposals chosen (which are set out in detail in these Minutes) were ratified at a meeting of the Organizing Council on 7th July at 9.00 a.m. in the Don Bosco Technical Institute.

The meeting was opened by the President who greeted everyone present, and on Council's behalf thanked His Excellency the Minister for the Middle Classes of Belgium, the Chairman of the Belgian National Vocational Training Committee, and also Messrs. Vlaeminck and Vastiau, the Belgian Official and Technical Representatives respectively, for the great effort and enthusiasm shown by them in the organization of this Competition. He proposed that the above should be recorded in the Minutes - which was unanimously approved.

The President expressed Council's regret at the unavoidable absence of Dr. Cech, Official Representative for Germany, and Mr. Walser, Technical Representative for Liechtenstein, who were both unable to attend, having been involved in accidents. Mr. Palomares said that on his next visit to Bonn he would call on Dr. Cech personally and convey Council's good wishes to him. As he would be unable to do the same as regards Mr. Walser, he proposed a telegram should be sent to him from all members of Council. This was approved unanimously.

Still speaking on Council's behalf, the President proposed that record be made in the Minutes of the thanks due to Mr. Woerner for his excellent work as Chairman of the Technical Committee, and of the cordial welcome extended to Messrs. Banner and Röstli, Technical Representatives for Austria and Liechtenstein, who were acting as representatives for their countries at an International Competition for the first time. Proposal agreed to unanimously.

Finally, the President congratulated the

Organizing Council itself on the harmony, understanding and efficiency which is so characteristic of its members, and which contributes so much to the improvement of vocational training, particularly to that of young people.

Subsequently, the President put the proposed Agenda to members so they might debate in what order the different matters should be considered. The following order was agreed upon:

- 1. Confirmation, if approved, of the Minutes of the meeting of the Organizing Council held in October, 1968. Unanimously approved.
- 2. Technical Committee report on preparations for the 18th Contest. The President asked Mr. Woerner, Chairman of the Technical Committee, to report to Council on the exercise proposals presented, those which had been selected, marking schedules and maximum times, as well as the marking of the time factor, for each of the trades in the Competition.

Mr. Woerner gave Council the following detailed information:

Selection of exercises. (See appendix attached.)

Marking schedules and times:

FITTING: Maximum time = 25 hours.

Marking schedule =

Principal measurements	30
Secondary measurements	15
Functioning and construction	20
Flatness and corners	10
Skill	8
Neatness	7
Use of material	5
Time	5
	<hr/>
	100 points

PRESSTOOL MAKING: Maximum time = 25 hours.

Marking schedule

Measurements of the product	20
Major measurements of the cutting instrument	30
Irregularities	20
Composition - Function	20
Use of material	5
Time	5
	<hr/>
	100 points

INSTRUMENT MAKING: Maximum time = 26 hours.

Marking schedule

Principal measurements	30
Secondary measurements	15
General finish	20
Fitting and function	25
Use of material	5
Time	5
	<hr/>
	100 points

ENGINEERING DRAWING: Maximum time = 23 hours.

Marking schedule

1st Exercise - Working drawing	15
2nd Exercise - Development	20
3rd Exercise - Detailing	60
Time	5
	<hr/>
	100 points

TURNING: Maximum time = 26 hours.

Marking schedule

Fundamental dimensions	45
Secondary dimensions	21
Jointing of parts	14
Finishing of surfaces	9
Use of material	6
Time	5
	<hr/>
	100 points

MILLING : Maximum time = 24 hours.

Marking schedule

Fundamental dimensions	40
Secondary dimensions	16
Quality of jointing and function	15
Exactness of angles and flatness	10
General finish	10
Use of material	4
Time	5
	<hr/>
	100 points

CONSTRUCTIONAL STEELWORK: Maximum time = 24 hours

Marking schedule

Principal measurements	20
Secondary measurements	15
Welding and cutting	15

CONSTRUCTIONAL STEELWORK (cont'd)

Dexterity	10
Cleanness of weld	5
Impression of the whole	25
Use of material	5
Time	5
	<hr/> 100 points

GAS WELDING: Maximum time = 16 hours

Marking schedule

Penetration	30
Undercutting	25
General aspect	25
Comprehension of drawing and distortion	10
Hydrostatic test 95	
Radiographic test 95	
Use of material	5
Time	5
	<hr/> 100 points

ELECTRIC WELDING: Maximum time = 26 hours

Marking schedule

Penetration	30
Undercutting	25
General aspect	25
Use of material	5
Comprehension of drawing and distortion	10
Hydrostatic test 95	
Radiographic test 95	
Bending test 95	
Time	5
	<hr/> 100 points

WOOD PATTERN MAKING: Maximum time = 26 hours

Marking schedule

Principal measurements	30
Secondary measurements	15
Technical skill and execution	20
Right interpretation of the design	15
Final finish	10
Use of material	5
Time	5
	<hr/> 100 points

FOUNDRY MOULDING: Maximum time = 20 hours

Marking schedule

Casting and risering system	20
Accuracy of casting	40
Defects of castings	9
Core making	16
Use of material	10
Time	5
	<hr/>
	100 points

PANEL BEATING: Maximum time = 27 hours

Marking schedule

Fundamental dimensions	15
Secondary dimensions	10
Symmetry, exactness of form, jointing	15
Manual operations	25
Welding	10
Hammering of the plate, general appearance	15
Use of material	5
Time	5
	<hr/>
	100 points

Sheet Metal Work: Maximum time = 27 hours

Marking schedule

Fundamental dimensions	42
Secondary dimensions	6
Welding	15
Jointing	10
Self-secured joints	4
General appearance	10
Use of material	8
Time	5
	<hr/>
	100 points

PLUMBING: Maximum time = 21 1/2 hours

Marking schedule

Lead pipe work:

Soldering	7
Pipe bending	5
Measurements	6
Appearance	5
Preparation	3
Use of material	4 ... 30

PLUMBING (cont'd):

89

Copper tube work:

Pipe bending	6
Jointing	6
Appearance	6
Use of material	5
Measurements	7 ... 30

P.V.C. tube:

Pipe bending	4
Jointing	3
Measurements	5
Use of material	3 ... 15

Zinc work

Measurements	5
Soldering	5
General finish	5
Use of material	5 ... 20

Time

5
100 points

INDUSTRIAL ELECTRONICS: Maximum time = 26 hours

Marking schedule

<u>Exercise</u>	<u>Time</u>	<u>Quality</u>	
Assenbly	2.5	47.5	50
Problens	0.5	9.5	10
Diagram	0.5	14.5	15
Measurements	0.5	9.5	10
Disposition of instruments	1	14	<u>15</u>
			100 points

RADIO & TV REPAIRING: Maximum time = 26 hours

Marking schedule

<u>Radio:</u>	Diagram	8
	Location of breakdowns	18
	Fitting	8
<u>TV:</u>	F.I.	10
	Design of waves	10
	Location of breakdowns	24
	Assembly	12
	Use of material	5
	Time	<u>5</u>
		100 points

HOUSE WIRING: Maximum time = 20 hours

Marking schedule

Functioning	50
Installation and fixing	15
Insulation and protection	15
Measurements	5
Connections	10
Use of material	5
Factor	0.95
Time	0.05
<hr/>	
100 points	

INDUSTRIAL WIRING: Maximum time = 20 hours

Marking schedule

Functioning	50
Assembly and fitting	20
Insulation and protective measures	10
Connections	10
Use of material	5
Measurements	5
Factor	0.95
Time	0.05
<hr/>	
100 points	

BRICKLAYING: Maximum time = 25 hours

Marking schedule

Measurements	20
Horizontal and vertical	15
Edges and rectilinearity	15
Precision and realization of the joints	15
Precision - steps	15
Precise execution of the drawings and neatness	15
Time	5
<hr/>	
100 points	

STONE CUTTING: Maximum time = 27 hours

Marking schedule

Principal measurements	15
Secondary measurements	10
Agreement of profile with drawing	15
Agreement of profile with work-piece	20
Straight sharp edges	5

STONE CUTTING (cont'd)

General aspect	15
Cleanliness of surface	10
Time	10
	<hr/> 100 points

PAINTING: Maximum time = 24 hours

Marking schedule

Cleanliness	5
Correct reproduction of the drawing	10
Gradation of colours in the background	15
Adjusting of emblem on surface	10
Emblem (enlargement consistent with original)	15
Formation of letters (setting of characters)	15
Drawing of lines	5
Execution of writing and emblem (correct thickness and spacing of letters, good cover of background, regular aspect of panel)	20
Time	5
	<hr/> 100 points

PLASTERWORK: Maximum time = 24 hours

Marking schedule

Fundamental measurements	12
Secondary measurements	8
Undercoating	8
Finishing coat	12
Accuracy of angles	15
Cornice and moulding	15
Motif	10
Neatness of work	10
Cutting (including mounting) of the profile	5
Time	5
	<hr/> 100 points

CABINET MAKING: Maximum time = 24 hours

Marking schedule

Fundamental dimensions	20
Secondary dimensions	10
Internal fitting	15
External fitting	15
Surface and edge finishing	10
Functioning	5
Full drawing	5
General finish	10
Use of material	5
Time	5
	<hr/>
	100 points

JOINERY: Maximum time = 26 hours

Marking schedule

Principal measurements (3x5)	15
Secondary measurements (5x3)	15
Design	8
Interior fitting	22
Exterior fitting	22
Finishing of surfaces and edges	4
General finish	4
Use of material	5
Time	5
	<hr/>
	100 points

CARPENTRY: Maximum time = 22 hours

Marking schedule

Drawing	20
Fundamental measurements	15
Secondary measurements	10
Internal joints	20
External joints	20
General appearance	5
Use of material	5
Time	5
	<hr/>
	100 points

JEWELLERY: Maximum time = 25 hours

Marking schedule

Measurements	10
Interpretation from drawing	10
Welding	15
Shaping	20
Setting in the bezel	20
Cleanness before polishing	15
Use of material	5
time	5
	<hr/>
	100 points

TAILORING: Maximum time = 24 hours

Marking schedule

Placing of canvas and appearance	20
Pockets, upper and side	10
Lapel fixing, front and rear	20
Sleeve and appearance	15
Ironing	15
Final appearance	10
Use of material	5
Time	5
	<hr/>
	100 points

WOMEN'S HAIRDRESSING: Maximum time =

Marking schedule

Modern dyeing	22
Modern style	20
Cocktail style	14
Babyless style	10
Cold permanent wave	20
Waving by hand	14
	<hr/>
	100 points

MARKING OF THE TIME FACTOR

As systems for use in the marking of the time factor were under study, it was agreed that for this Competition a procedure was to be used based on the following criteria:

- 1. In all trades a time had to be fixed within which the competitors would have to finish their work; it would have to be calculated fairly enough to allow all competitors to finish their

tasks. In a case where the time fixed proved to be insufficient, the Jury Chairmen might increase it by 15%, provided that 75% of the time fixed had not passed when the increase was applied for.

2. In the exceptional case where a competitor did not finish his work within the time limit fixed, he would be given more time in which to finish.

3. Except in Stone Cutting, where the time factor would carry 10 points, and Hairdressing, where no marking for time would be given at all, the remaining trades would have a maximum of 5 points allotted for time.

The application of the 5 points would be linear, except in Presstool Making, Engineering Drawing, Wood Pattern Making and Jewellery, where there was to be a slight modification - 0.5 points per hour (0.5 p/h). In the remaining trades, a basis of one point per hour (1 p/h) was to be used.

Competitors who finished after the time limit fixed would be penalized by a reduction proportional to the time. For the two groups of trades mentioned in the paragraph next above, double the amounts stated there would be subtracted.

INFORMATION TO THE COMPETITORS

The Jury Chairmen must give competitors detailed information on the system used to mark the time factor in their particular trade.

3. Considerations on the application of the Rules of the Competitions to competitors who are over the age limit. As requested by the President, Mr. Albert explained the details of the anomalous situation which had occurred at this Competition, where competitors from several countries were entered who were over the age limit allowed under the Regulations. He said that once the Secretariat-General had discovered this anomaly, the President was informed and all member countries were then asked their opinion on making a special case to allow these boys to take part in the Competition. In reply to a letter on the matter sent out by the President, all countries, with the exception of two, had agreed to their participating in the 18th Competition.

After the Secretary-General's report was given, Mr. Palomares asked members to say whether they held to their opinions or wished to alter them.

Dr. Malagodi regretted that since his country had abided strictly by the Rules, he had had to exclude a young Italian champion who was

one month older than the age limit. Mr. Dias Ferreira also regretted that for the same reason two Portuguese boys had been eliminated since they were older than allowed, and he proposed that all boys who were over age should take part in the 18th Competition but that they should not be entitled to a medal or prize. He expressed great surprise at how such situations could occur when the Rules are so clear on this point.

Dr. Schubert agreed that, in effect, the maximum age for participation in the Competition was 20, but he thought that each year it could be decided upon for a particular trade. He asked that the boys who were over the age limit should be admitted to the Competition on condition they would have the same rights as those of correct age.

Mr. Schürch pointed out that at the Berne Competition there were 45 boys over the age of 21, and he felt that in some trades the possibility of raising the age limit ought to be considered for the reason that in those trades the difficulties to be dealt with in the training course did not permit a boy of only 20 to acquire the knowledge necessary for the Competition. He ended by requesting that the boys over the age limit be allowed to participate this year and that the age limit as set down in the Regulations should be considered at the next meeting in October.

Mr. Ramos thought that those competitors should be allowed to take part on condition they were excluded from the possibility of obtaining medals. Mr. Hill was also of the opinion they should take part and that a handicap should be applied, giving them a disadvantage with regard to the other competitors.

At that stage the President intervened, saying that although as Chairman he should remain impartial, there were times when his intervention was justified if it meant preventing agreements being made which went against the spirit of the General Rule that ought to govern the Competitions at all times. On that basis, and because the competitors themselves were hardly to blame for having been selected though they were over the age limit, he proposed that all the young people who had been presented should be admitted to the Competition with their full rights. Mr. Müller seconded the President's proposal, and it was agreed that, since the decision to be made on the problem of the age limit was very important, discussion of it would be postponed till the following meeting of the Organizing Council on 12th July, when the matter could be raised and decided upon. In the meantime, it was agreed that, as an exceptional case, all competitors over the age of 20 were to be admitted to the Competition and have the same rights as competitors of the correct age.

4. Fixing of dates for the Annual General Meeting of the Organizing Council. Having listened to remarks and suggestions made by Messrs.

Malagodi, Schubert, Ramos and Dias Ferreira, and following a proposal put by the President, members approved the dates set out below for the annual meeting of the Organizing Council, to take place in Granada in November:

November

- 2nd - Technical Representatives arrive in Málaga and continue on to Granada.
- 3rd & 4th - Meetings of the Technical Committee.
- 4th - Official Representatives arrive in Málaga and continue on to Granada.
- 5th & 6th - Meetings of the Organizing Council.
- 7th - Members of the Council return to their respective countries.

5. Report from the Japanese Delegation on the organization, programme and dates of the 19th Competition in Tokyo. The President invited the Japanese Delegation to report on the details mentioned above.

Mr. Hayakawa, acting on behalf of the Delegation and in his own capacity as Secretary-General of the Japanese Committee, gave the following information:

It was planned to organize the Contest for the period between 4th and 19th November, 1970. All necessary steps had been taken to ensure the following trades were included in the Competition: Turning, Milling, Fitting, Sheet Metal Work, Panel Beating, Plumbing, Cabinet Making, Joinery, Carpentry, Foundry Moulding, Constructional Steelwork, Wood Pattern Making, Engineering Drawing, Presswork Making, Industrial Wiring, House Wiring, Electric Arc Welding, Gas Welding, Radio & TV Repair, Tailoring, Plasterwork, Painting and Decorating, Shoenaking, Stone Cutting, Jewellery, Bricklaying, Men's Hairdressing, Women's Hairdressing, Instrument Making and Industrial Electronics.

With reference to the dates mentioned above, the necessary days had been set aside for the meetings of the Technical Committee and their work preparing all requirements as regards facilities, materials, machinery, etc. Dates for holding meetings of the Organizing Council had also been taken into account. The Japanese National Committee would also offer an opportunity to all those taking part in the Competition to make excursions of a touristic and cultural nature.

All necessary arrangements had been made for the accommodation of Organizing Council members, experts and competitors.

With reference to transport costs, Mr. Hayakawa informed Council that each participant would only have to bear 50% of the cost of the air tickets Europe-Tokyo, the amount payable being approximately \$300.

The President, speaking for the majority of representatives, who wished to obtain further details and more concrete information from the Japanese Delegation, requested all those who desired to ask questions and clarify different points to write to Mr. Hayakawa through the International Secretariat-General as soon as possible. The Secretariat would hand all letters received to the Japanese Delegation, and answers would be given at the Council meeting on 12th July.

The President thanked Mr. Hayakawa for his report.

There was unanimous agreement to the President's proposal that the Organizing Council's gratitude should be expressed to Their Majesties the King and Queen of Belgium for the welcome to Brussels and the good wishes extended by their country to all those taking part in the Competition.

Owing to a lack of time, the following items on the Agenda were postponed for discussion until the subsequent meeting of the Organizing Council on 12th July:

6. Proposal from the Secretariat on the possible content of a "Competition Handbook".

7. Proposal on the awarding of a "Competition Medal" and rules governing same.

8. Consideration of the regulation age limit for competitors.

9. Any other business.

The President closed the meeting and directed that these Minutes should be prepared, which I, the Secretary, certify as correct.

TRADE	Germany	Austria	Belgium	Korea	Spain	Holland	Ireland	Italy	Japan	Liechtenstein	Luxembourg	Malta	Portugal	U.Kingdom	Switzerland	exercises obligatory	exercises presented
1 Fitting.....	xo				=							x	x	x		4	5
2 Presstool making...		x	xo		=						xo		x			4	5
3 Instrument making..					x	x				xo				=	xo	4	5
4 Engineering D.....	xo				x			x		xo				xo	x	4	6
5 Turning.....	x			x	=			x	=o			xo	=			4	7
6 Milling.....	=		xo		x		x	x	=							4	6
7 Construc.Steel work	=o				=				x				x	x		3	5
8 Gas welding.....				x	=				x				xo	xo		4	5
9 Electric welding...	x				xo				xo					x		4	4
10 Woodpattern making..	=				=			x	x				xo			3	5
11 Foundry Moulding...			xo			xo							xo			3	3
12 Panel Beating.....	x				xo				x				x			4	4
13 Sheet metal work...		x			=	x	xo						x			4	5
14 Plumbing.....					x		xo								xo	3	3
15 Industrial Elec....	xo									xo			xo		xo	4	4
16 TV & R.Repairing...			xo		xo									xo	xo	4	4
17 House wiring.....					x		x				xo		xo			4	4
18 Industrial wiring..	xo				x			x			x					4	4
19 Bricklaying.....		xo			=	x								x	x	4	6
20 Stone cutting.....			xo								xo			xo	xo	4	4
21 Painting.....	x			xo	xo	xo										4	2
22 Plaster work.....	=		x			x								xo	xo	4	5
23 Cabinet making.....		xo	xo		=	xo			x		x					4	6
24 Joinery.....	x			xo	=				x	x	=o					4	6
25 Carpentry.....	=		xo	x			xo		x							4	5
26 Jewellery.....			xo			x								xo	x	4	4
27 Tailoring.....				xo		x					xo				xo	4	4
28 Hairdressing.....	xo		xo		=o										xo	4	3
29 Upholstering.....																	
30 Watchmaking.....																	
x: Obligatory.....	10	5	9	6	9	9	5	5	8	3	6	2	10	11	10	108	129
e: Chosen.....	5	1	4	2	4	3	3	-	2	1	1	1	5	3	5	40	
v: Voluntary.....	5	-	2	-	11	1	-	-	2	1	1	1	1	1	-	25	
o: Not presented.....	1	2	4	1	-	1	-	-	-	2	4	-	-	3	1	19	

MINUTES OF THE MEETING OF THE ORGANIZING COUNCIL HELD IN THE DON BOSCO TECHNICAL INSTITUTE, BURSELS, ON 12TH JULY, 1969.

In attendance:

Vice-Presidents

Mr. Vlaemmink
Mr. Ramos

President of the Technical Committee

Mr. Woerner

Voting Members

Dr. Schubert
Mr. Bammer
Mr. Vastiau
Mr. Lee
Mr. Kang
Mr. Laman Trip
Mr. Hamer
Mr. Power
Mr. Malagodi
Mr. Ghedini
Mr. Hayakawa
Mr. Furuya
Mr. Miyamori
Mr. Seger
Mr. Röstli
Mr. Glöesener
Mr. Mischo
Mr. Raymondo
Mr. Chireop
Mr. Dias Ferreira
Mr. Vilar Queiroz
Mr. Hill
Mr. Reeves
Mr. Müller
Mr. Schürch

Secretariat

Mr. Albert
Mr. Capdepón

The President proposed the adoption of the Agenda for this session as set out in the Minutes of the previous meeting. This was approved, and the items were discussed in the following order:

1. CONFIRMATION, IF APPROVED, OF THE MINUTES OF 7TH JULY, 1969.

Approved unanimously.

2. READING OUT OF THE PROPOSALS FOR MARKS AND AWARDS ADOPTED BY THE TECHNICAL COMMITTEE AT ITS MEETING HELD THAT SAME MORNING.

Mr. Albert read out the marks proposed by the Technical Committee, and also the awards suggested, in each of the trades included in the Competition.

The proposals were approved, with alterations as indicated below:

Milling: Because of an error in the addition of the points obtained by the Portuguese candidate and the Japanese candidate, originally in 3rd and 4th places, that order was reversed on checking that the Japanese obtained 73.77 points and the Portuguese 71.82. A motion to award bronze medals to both candidates was approved.

Constructional steel work: Moved by Mr. Woerner that honourable mentions be conceded to the Spanish and Portuguese contestants because of the quality of their work. On the same grounds, Mr. Miyamori claimed the same distinction for the Japanese and United Kingdom contestants. The concession of the four distinctions was approved.

Foundry Moulding: In view of the fact that two contestants, those from Korea and the United Kingdom, had an equal number of points, it was proposed that an exception be made and that both be awarded the silver medal. This was approved, but it

was recommended for the future that Juries should not allow this situation to arise, as it was always possible to find some difference, however small, in the quality of the work, thus avoiding the concession of equal marks.

Sheet metal work: Because of the very small difference in the marks obtained by the Spanish and Portuguese contestants, it was proposed both be awarded the bronze medal. The motion was defeated as it was thought the awarding of dual medals was already excessive.

Plumbing: Proposed and approved that honourable mentions be allowed to the Belgian and United Kingdom contestants, classified in 5th and 6th place, with 67.00 and 66.65 points respectively.

House wiring: Likewise, proposed and approved the concession of honourable mentions to the Spanish and Portuguese contestants, with 85.37 and 84.52 points.

Stone cutting: The German Mission withdrew its complaint made to the Technical Committee, and accepted the marks and awards given by the Qualifying Jury.

Painting: Mr. Hamer accepted, on principle, the markings given in this trade, but he claimed his right - which was allowed him - to object to them, if he thought fit, at the moment when they were to be finally confirmed on their being recorded in the Minutes.

Plaster work: Mr. Hamer sought an honourable mention for the Portuguese contestant because, although he finished in 8th place, his excellent spirit and the effort he put into his work warranted that distinction. This was approved.

Tailoring: An honourable mention was asked for and granted to the Italian contestant, whose work merited the distinction, although she had only taken part in the Competition as an outsider.

With the alterations set out above, the places and prizes in the 30 trades convoked in this 18th International Competition were given definitive approval. Details may be found in Appendix 1 to these Minutes.

3. THE SECRETARIAT-GENERAL PRESENTS A PROJECT FOR A COMPETITION MANUAL OR HANDBOOK.

The Secretariat-General presented members of Council with a project for a handbook in 4 languages, with the request that they examine it and make any observations or suggestions

that might help in preparing a practical and useful booklet.

Messrs. Laman Trip, Malagodi and Palomares had suggestions to make on the content and form of the manual which took into account the fact that although a large part of the printed matter needed at the Competitions was in a permanent form, another part of it was liable to change from one Competition to another.

It was agreed that, when making their observations and suggestions, members might bear in mind the suitability of having loose-leaf or changeable pages in the handbook, which would add to its usefulness and ease of handling.

It was agreed that a final decision on the contents and format of the handbook would be taken at the Granada meeting.

4. PROPOSAL FROM THE SECRETARIAT-GENERAL ON THE ADVISABILITY OF PUTTING INTO EFFECT THE PROVISIONS OF THE BY-LAWS CONCERNING THE COMPETITION MEDAL.

This question provoked animated discussion. It was resolved what aspects of the matter should be studied in Granada, when members were to offer their suggestions and observations. It was thought the Competition Medal should in fact be brought into being, whenever the following details could be settled: regulations governing the awarding of it, the manner of awarding it, the format of the medal, what would prompt its being awarded, the figure on it, the inscription, the diploma accompanying it, etc.

The President asked Council to study the different aspects of the matter in detail so that it could be brought up again in Granada and, if possible, settled there.

5. THE SECRETARIAT-GENERAL PRESENTS 26 TRADE DEFINITIONS DRAWN UP BY THE COMMISSION APPOINTED FOR THAT PURPOSE BY THE ORGANIZING COUNCIL IN OCTOBER, 1967.

Work carried out by that Commission at its meetings in Madrid, Brussels, London and Bonn, had resulted in the formulation in three languages of the description of 26 of the trades included in the Competitions. The work was handed to members of Council so they could study it closely. They were asked to send any observations or suggestions they might have to the Secretariat-general before 15th September next; same could then be studied and debated at the meeting of the Organizing Council in Granada.

Messrs. Schubert and Reeves gave assurances that the

definitions remaining to be formulated, for Carpentry and Jewellery, would be sent to the Secretariat promptly so they could then be passed on to the different Missions.

Mr. Palomares thanked the Commission for its excellent work, and repeated the request that suggested amendments be sent to the Secretariat-General before 15th September next, for their subsequent study in Granada.

6. REPLY BY THE JAPANESE MISSION TO QUESTIONS PUT BY THE OTHER MISSIONS REGARDING THE 19TH INTERNATIONAL CONTEST IN TOKYO.

The United Kingdom, Maltese and Portuguese Missions had formulated a series of questions regarding the 19th Competition. In reply to them, Mr. Hayakawa repeated the contents of the report presented to Council at its meeting on 7th July, 1969, and which is to be found in Appendix No. 2.

Mr. Dias Ferreira insisted that his country did not consider the dates chosen for the Tokyo Congress very appropriate but he indicated his country's willingness to accept them if the others did so. When other member countries stated they agreed to accept those dates, Mr. Dias Ferreira withdrew his objection. He then went on to ask that the question of one of the charter planes leaving from Lisbon or Madrid, via Rome, be gone into.

Mr. Woerner pointed out that in the Japanese Mission's draft programme a very narrow margin of time was allowed for the preparatory phase of the Competition. In his opinion, the selection of exercises, translations, etc. would need more time, and he asked the Japanese National Committee to consider his suggestion. Mr. Hayakawa agreed to see this was done.

Certain details of general interest were then discussed: among others, the cost per head of lodging in Tokyo equivalent to \$10, and the luggage allowance of 30 kilos each person would be given on the DC 8 planes of Japan Air Lines.

Mr. Hayakawa asked member countries to say approximately what number of participants each would be sending to the 19th International Competition. Each Mission gave the approximate number of its participants, including Council members, Experts, Observers and contestants. When totalled, the estimates gave an approximate number of 365 persons.

Subsequently, Mr. Dias Ferreira drew attention to the fact that some countries, because of their distance from the charter flight departure points (Paris, London, Hamburg), would find their transport costs increased by up to \$150 a

head. He stressed that an additional departure point should be named, nearer to the countries affected.

Dr. Schubert thought there was a possibility of lightening this burden; he suggested a method could be sought by which transport costs within Europe would be brought to the same level for all European member countries.

7. CONSIDERATIONS ON THE AGE LIMIT FOR CONTESTANTS.

Opinion was unanimous that the age limit laid down by the By-Laws should be respected, so that only young people born in 1950 or after could take part in the Tokyo Congress.

However, although all decisions must adhere to that principle, at Mr. Müller's request the question of a firm agreement on the matter of the age limit at Competitions subsequent to the Japan one was left to be debated at the Granada meeting. Further insistence that only those born during or after were to be admitted to the Tokyo Congress.

8. OTHER BUSINESS.

Dr. Schubert mentioned that advantage should be taken at the Tokyo Competition of the opportunity interested persons would have to acquaint themselves with methods of apprentice training in use in Japan. He hope that facilities might be offered them.

The Swiss Mission handed the President and members of Council with copies of a document requesting that Watchmaking be included among the trades convoked at the Competitions, and programmed for the next Congress. It was put forward that after two demonstrations of Watchmaking, given at the Berne and Brussels Competitions, the advisability of including it on the permanent list of trades convoked should be considered.

Similarly, it was requested that Upholstery, a demonstration of which had been ratified at the present Competition, also be included on the list of trades permanently convoked.

Members were recommended to study these petitions so that the Swiss Mission could be given a proper answer at the Granada meeting of the Organizing Council.

The President asked for approval, which was granted him, to award Competition Plaques to the Don Bosco Technical Institute and to the C.E.R.I.A. (Centre d'Enseignement et de Recherches des Industries Alimentaires et Chiniques) in recognition of the invaluable help those centres had given at the

Competition, and as a sign of Council's gratitude.

He then asked for record to be made in the Minutes of Council's gratitude to the Belgium Committee, and very particularly to Messrs. Vlaermink and Vastiau, for their exceptionally valuable assistance. He wished the same record to be made of the recognition and thanks due to Mr. van Camp. Motion approved unanimously.

Also proposed and approved that the Minutes should record the recognition and gratitude owing to Belgium's neighbouring countries for assistance given to the Belgian Committee.

Finally, on behalf of all members of Council, Mr. Hill thanked the President, Mr. Palomares, for his excellent conduct of Council's sessions, which, because of his able handling, had been lively and pleasant.

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

APPENDIX NO. 1.

The Organizing Council of the 18th International Apprentice Competition, at its meeting held in Brussels on 12th July, 1969, adopted the following resolution:

After considering the proposal of the Technical Committee of this 18th International Competition, and having examined the markings given to the exercises carried out by the contestants in the Competition, Council hereby ratifies the points conceded, the classifications fixed, and the prizes awarded, in the manner set out and to the contestants named hereunder:

FITTING

1. Tsutomu Inasawa	Japan	96.52	pts.	1st	Gold Medal
2. Bruno Vierheilig	Germany	94.74	"	2nd	Silver "
3. Urs Wyler	Swtzlnd.	90.27	"	3rd	Bronze "
4. Felix Buechel	L'stein.	81.63	"	4th	Hon. Men.
5. C.R.A.K. Dowling	Ireland	80.95	"	5th	" "
6. Joop Feenstra	Holland	80.84	"	6th	" "
7. Carmel Canelleri	Malta	80.07	"	7th	" "
8. Choi Mu Joon	Korea	78.16	"	8th	
9. Alexander Low	U.K.	77.69	"	9th	
10. Constantino Straga	Italy	76.50	"	10th	
11. Victor Hilger	Luxen.	72.78	"	11th	
12. Fco. Casaca Lacão	Portugal	65.61	"	12th	
13. J.L. Torrejón Fdez.	Spain	58.78	"	13th	

PRESSTOOL MAKING

14. Urs Hilti	L'stein.	80.58	pts.	1st	Gold Medal
15. F.C. Cooymans	Holland	75.33	"	2nd	Silver "
16. Werner Voll	Germany	68.83	"	3rd	Bronze "
17. Kunio Watanabe	Japan	68.29	"	4th	Hon. Men.
18. Herbert Reisinger	Austria	62.29	"	5th	
19. Serge Dumont	Swtzlnd.	62.17	"	6	
20. Anto. Pinto Faria	Portugal	59.67	"	7th	
21. José Mazón Hdez.	Spain	58.29	"	8th	
22. George D. Barker	Ireland	39.79	"	9th	

INSTRUMENT MAKING

23. Haruo Inai	Japan	84.62	pts.	1st	Gold Medal
24. W.Th.M. Foederer	Holland	82.17	"	2nd	Silver "
25. Johann Gunselmann	Germany	60.00	"	3rd	Bronze "
26. I. Alberdi Sagardi	Spain	44.80	"	4th	
27. Claude-Alain Piquet	Swtzlnd.	43.90	"	5th	
28. Roy Melvin Seboa	U.K.	34.70	"	6th	

ENGINEERING DRAWING

29. M.A. Fdez. Ortega	Spain	90.50	pts.	1st	Gold Medal
30. M.J. Botas Potra	Portugal	87.50	"	2nd	Silver "
31. Urs Heidolf	Swtzlnd.	86.50	"	3rd	Bronze "
32. Shigenitsu Chida	Japan	82.70	"	4th	Hon. Men.
33. Ferdinand Wieser	L'stein.	81.60	"	5th	" "
34. Armando Pellizzari	Italy	75.90	"	6th	" "
35. Johannes Zimmermann	Germany	72.90	"	7th	
36. John R. Wiltshire	U.K.	65.50	"	8th	
37. Egbert J. Beunk	Holland	51.00	"	9th	
38. Edward J. Connins	Ireland	48.60	"	10th	
39. Joseph Grina	Malta	43.50	"	11th	
40. Francis Hoevenaeghel	Belgium	39.70	"	12th	

TURNING

41. Toshio Nemoto	Japan	93.90	pts.	1st	Gold Medal
42. Johann Witthelm	Austria	85.70	"	2nd	Silver "
43. Günter H. Kreuzmann	Germany	83.71	"	3rd	Bronze "
44. Nathy A. Quinn	Ireland	79.70	"	4th	Hon. Men.
45. F.N. Soares Espada	Portugal	78.89	"	5th	" "
46. Hans-Peter Eicher	Swtzlnd.	75.75	"	6th	" "
47. Joseph Mizzi	Malta	66.08	"	7th	
48. Antonius G. Koelen	Holland	65.25	"	8th	
49. Kang Eul Shoo	Korea	65.24	"	9th	
50. John Wishart	U.K.	64.36	"	10th	
51. J. Guarch Fontanillas	Spain	63.39	"	11th	
52. Walter Curridor	Luxen.	42.59	"	12th	
53. Gaetano Cinque	Italy	42.59	"	12th	(withdrew sick)

MILLING

54. Fritz Dierneier	Germany	83.25	pts.	1st	Gold Medal
55. V.C. Baquero Rotea	Spain	75.95	"	2nd	Silver "
56. Shinziro Morita	Japan	73.77	"	3rd	Bronze "
57. C. Carvalho Neves	Portugal	71.82	"	4th	" "
58. Andreas Marschall	Swtzlnd.	65.11	"	5th	
59. Fabio Vieceli	Italy	59.62	"	6th	
60. John C. Roche	Ireland	48.84	"	7th	

CONSTRUCTIONAL STEEL WORK

61. Wilhelm Weib	Germany	89.04	pts.	1st	Gold Medal
62. Eudolf Schauenberg	Swtzlnd.	73.63	"	2nd	Silver "
63. Frans P. Colie	Holland	71.81	"	3rd	Bronze "
64. J. Da Silva Boio	Portugal	69.38	"	4th	Hon. Men.
65. J.R. Torralba Pérez	Spain	68.98	"	5th	" "
66. Toyonori Kataoka	Japan	67.81	"	6th	" "
67. Alan James Cowap	U.K.	67.05	"	7th	" "

68. Guy Olsen	Luxem.	63.61 pts.	8th
69. Angelino Camilleri	Malta	56.15 "	9th
70. Simon Deasy	Ireland	50.88 "	

GAS WELDING

71. Shigekazu Odaira	Japan	89.18 pts.	1st	Gold Medal
72. Willen van Wingerden	Holland	83.73 "	2nd	Silver "
73. Edward Donohue	Ireland	77.28 "	3rd	Bronze "
74. Robert Oram	U.K.	76.69 "	4th	Hon. Men.
75. Kim Kyung Sik	Korea	76.20 "	5th	" "
76. J. Mendes Ribeiro	Portugal	76.00 "	6th	" "
77. J.M. Fdez. Pérez	Spain	71.36 "	7th	
78. Werner Schrenner	Germany	70.01 "	8th	
79. Angelo Pelagatti	Swtzlnd.	(Unable to take part. Hurt in accident before Contest began.)		

ELECTRIC WELDING

80. Shigeru Okihara	Japan	91.25 pts.	1st	Gold Medal
81. A.C. Simões Figueira	Portugal	84.58 "	2nd	Silver Medal
82. F. Alba Heredia	Spain	82.16 "	3rd	Bronze "
83. Albert Zraggen	Swtzlnd.	80.79 "	4th	Hon. Men.
84. Alan K. Hollands	U.K.	78.80 "	5th	" "
85. Lawrence J. Maher	Ireland	77.30 "	6th	" "
86. Martinus A. Wigtnan	Holland	77.21 "	7th	" "
87. Lee Keun Woo	Korea	75.36 "	8th	
88. Martin Reinbach	Germany	75.32 "	9th	
89. Gino Mantovani	Italy	66.74 "	10th	

WOODPATTERN MAKING

90. Takanori Muratori	Japan	85.92 pts.	1st	Gold Medal
91. Han Jung Kwon	Korea	75.59 "	2nd	Silver "
92. V. Domingos Ferreira	Portugal	75.34 "	3rd	Bronze "
93. Karl Anton Herl	Germany	65.00 "	4th	Hon. Men.
94. Raymond Kilby	U.K.	58.50 "	5th	" "
95. J. Marco Berlanga	Spain	57.05 "	6th	
96. Kurt Trauffer	Swtzlnd.	53.55 "	7th	
97. Silvano Accorsi	Italy	43.08 "	8th	
98. Jan Lubberts	Holland	35.17 "	9th	

FOUNDRY MOULDING

99. J.A. Manzano Bernadino	Spain	91.00 pts.	1st	Gold Medal
100. Lee Yong Del	Korea	87.50 "	2nd	Silver "
101. Ian David	U.K.	87.50 "	2nd	" "
102. Johann Danej	Austria	82.50 "	3rd	Bronze "
103. Osamu Suzuki	Japan	80.00 "	4th	Hon. Men.
104. M.J. Da Silva Bernadino	Portugal	74.50 "	5th	
105. Jozefhus Fr. Harnel	Holland	67.50 "	6th	
106. Brendan Coffey	Ireland	60.00 "	7th	

PANEL BEATING

107. A. Urteaga Mugica	Spain	89.95 pts.	1st	Gold Medal
108. Akira Hiraki	Japan	83.66 "	2nd	Silver "
109. Walter Reith	Germany	82.72 "	3rd	Bronze "
110. Walter Zuber	Swtzlnd.	68.62 "	4th	
111. Andries Pomme	Holland	52.96 "	5th	
112. Eddy Rassehaert	Belgium	34.02	6th	
113. David P. Duffy	Ireland	(Exercise unfinished.)		
114. M. Lopes Do Carmo	Portugal	(" ")		

SHEET METAL WORK

115. Kevin F. Cahill	Ireland	95.12 pts.	1st	Gold Medal
116. Kōji Saito	Japan	86.13 "	2nd	Silver "
117. M.A. Alfonso de Amorin	Portugal	81.72 "	3rd	Bronze "
118. E. Chanorro Gándara	Spain	81.53 "	4th	Hon. Men.
119. John Allen	U.K.	79.27 "	5th	" "
120. Park Choon Keun	Korea	70.50 "	6th	
121. Adrianus Schellekens	Holland	59.96 "	7th	
122. Wolfgang Reifenrath	Germany	53.25 "	8th	
123. Jean Stuber	Swtzlnd.	(Exercise unfinished.)		

PLUMBING

124. Peter Baumann	Swtzlnd.	84.80 pts.	1st	Gold Medal
125. Jan Jansen	Holland	78.50 "	2nd	Silver "
126. Paul J. Sherlock	Ireland	71.92 "	3rd	Bronze "
127. J. Alberto de Brito	Portugal	68.50 "	4th	Hon. Men.
128. H.M.J. Dirix	Belgium	67.00 "	5th	" "
129. John Willian	U.K.	66.65 "	6th	" "
130. L. Roderio Alonso	Spain	64.85 "	7th	
131. Hwang Kak Soon	Korea	64.34 "	8th	
132. Tsuyoshi Yubi	Japan	62.79 "	9th	
133. Bernd Rickmann	Germany	59.84 "	10th	

INDUSTRIAL ELECTRONICS

134. Tatsundo Suzuki	Japan	92.88 pts.	1st	Gold Medal
135. Martin Lauber	Swtzlnd.	90.91 "	2nd	Silver "
136. M. Montes Castro	Spain	90.75 "	3rd	Bronze "
137. Philip Robert	U.K.	74.50 "	4th	Hon. Men.
138. End Manfred	Germany	73.00 "	5th	" "
139. Sergio Galligani	Italy	68.73 "	6th	
140. J.A. Duarte Rodrigues	Portugal	27.21 "	7th	

RADIO & TV REPAIR

141. Shigenori Sugihara	Japan	96.50 pts.	1st	Gold Medal
142. Valentino Eleuteri	Italy	93.50 "	2nd	Silver "
143. Lee Won Je	Korea	88.50 "	3rd	Bronze "
144. Roger Pheasant	U.K.	81.00 "	4th	Hon. Men.
145. Dieter Kleinschmidt	Germany	79.00 "	5th	" "
146. M.G. Bento Fradiano	Portugal	78.00 "	6th	" "
147. Pierre-Aldo Barraz	Swtzlnd.	76.00 "	7th	
148. E. Laorga Bernardos	Spain	68.50 "	8th	
149. Pierre Chevalier	Belgium	51.00 "	9th	

HOUSE WIRING

150. Paul Rüeger	Swtzlnd.	92.91	pts.	1st	Gold Medal
151. Choi Sang Myung	Korea	87.84	"	2nd	Silver Medal
152. Antoine Laroche	Luxen.	87.76	"	3rd	Bronze "
153. Declan Keane	Ireland	87.72	"	4th	Hon. Men.
154. Dieter Kühne	Germany	87.08	"	5th	" "
155. J.A. Barón Molina	Spain	85.37	"	6th	" "
156. L.M. Alves Clemente	Portugal	84.52	"	7th	" "
157. Kazuji Hidai	Japan	81.27	"	8th	
158. Henk Koster	Holland	80.01	"	9th	
159. Gordon F. Mothersole	U.K.	73.47	"	10th	
160. Ivano Sola	Italy	72.77	"	11th	

INDUSTRIAL WIRING

161. Siegfried Fenning	Germany	95.88	pts.	1st	Gold Medal
162. Fernand Seil	Luxen.	91.49	"	2nd	Silver "
163. Masabumi Yanaoka	Japan	90.94	"	3rd	Bronze "
164. Lee Seung Woo	Korea	90.24	"	4th	Hon. Men.
165. Antonio Pacchiarretta	Italy	87.43	"	5th	" "
166. C.A. Ribeiro Rodrigues	Portugal	83.12	"	6th	" "
167. A. Navarro Mira	Spain	82.07	"	7th	
168. Gerhardus M. Visser	Holland	81.46	"	8th	
169. Etienne Servranck	Belgium	80.61	"	9th	
170. Fredy Steinnmann	Swtzlnd.	76.09	"	10th	
171. Barry J. Parsons	U.K.	70.24	"	11th	
172. Patrick J. Dunne	Ireland	49.34	"	12th	

BRICKLAYING

173. Kurt Roth	Germany	87.53	pts.	1st	Gold Medal
174. Alfred Hadorn	Swtzlnd.	84.18	"	2nd	Silver "
175. Michael John Smith	U.K.	81.20	"	3rd	Bronze "
176. Freddy Beurns	Belgium	79.12	"	4th	Hon. Men.
177. Michael L. Cabena	Ireland	78.17	"	5th	" "
178. A.J.L. Ganzevles	Holland	74.78	"	6th	
179. L. Gallego Olmos	Spain	73.38	"	7th	
180. M. Morgado Batista	Portugal	68.03	"	8th	
181. Jean Scheckmel	Luxen.	(No mark given.)			

STONE CUTTING

182. Louis Ceuppens	Belgium	86.59	pts.	1st	Gold Medal
183. Manfred Kramer	Germany	86.17	"	2nd	Silver Medal
184. C.A.D.F. Wagenaker	Holland	83.00	"	3rd	Bronze "
185. Johann Hasenkopf	Austria	77.87	"	4th	Hon. Men.
186. John W.S. Masters	U.K.	71.79	"	5th	

PAINTING

187. Yoo Seung Kab	Korea	88.50 pts.	1st	Gold Medal
188. Keith Crawley	U.K.	82.25 "	2nd	Silver "
189. Gilbert Peckels	Luxen.	70.00 "	3rd	Bronze "
190. Leo Menten	Belgium	62.25 "	4th	
191. J.M ^a . Recuerda Cobos	Spain	61.00 "	5th	
192. Donald M. Cahill	Ireland	60.00 "	6th	
193. Daniele Ghilardi	Swtzlnd.	60.00 "	6th	
194. Bastiaan in't Veld	Holland	58.50 "	7th	
195. Herbert Koch	Germany	53.00 "	8th	
196. M.S. Robaldo de Romão	Portugal	35.00 "	9th	

PLASTER WORK

197. Thomas P. Moore	Ireland	84.40 pts.	1st	Gold Medal
198. Nelson Porteous	U.K.	78.30 "	2nd	Silver "
199. Martin Brosch	Germany	65.70 "	3rd	Bronze "
200. Jean-Marie Demartin	Belgium	62.35 "	4th	Hon. Men.
201. Adrianus Markwat	Holland	57.60 "	5th	
202. Yutaka Nomura	Japan	55.10 "	6th	
203. G�rald Dutoit	Swtzlnd.	54.85 "	7th	
204. F. de Jes�s Pequito	Portugal	30.50 "	8th	Hon. Men.

CABINET MAKING

205. Walter Eggli	Swtzlnd.	77.85 pts.	1st	Gold Medal
206. E. S�nchez Gal�n	Spain	68.70 "	2nd	Silver "
207. Ursula Maier	Germany	67.50 "	3rd	Bronze "
208. Kim Hwang Yeng	Korea	66.80 "	4th	Hon. Men.
209. Yukio Yoshida	Japan	66.25 "	5th	" "
210. F. Nicolau Lopes	Portugal	65.50 "	6th	" "
211. L. C. van Golden	Holland	64.70 "	7th	" "
212. Alfred Senfter	Austria	53.40 "	8th	
213. John Albert Gray	U.K.	45.65 "	9th	
214. John Schenbri	Malta	38.40 "	10th	
215. Pier Luigi Boini	Italy	31.35 "	11th	
216. Philip P. Goodison	Ireland	(Exercise unfinished.)		

JOINERY

217. Morio Masaki	Japan	89.10 pts.	1st	Gold Medal
218. David Ronald Bungay	U.K.	88.20 "	2nd	Silver "
219. Serge Mojonnier	Swtzlnd.	82.67 "	3rd	Bronze "
220. Raymond A. O'Sullivan	Ireland	80.50 "	4th	Hon. Men.
221. Ren� Goergen	Luxen.	79.10 "	5th	" "
222. Lee Jong Han	Korea	78.04 "	6th	" "
223. Petrus M. Stevens	Holland	75.57 "	7th	
224. G�nter Szodruch	Germany	75.43 "	8th	
225. Amorim Vicente Nunes	Portugal	73.79 "	9th	
226. Victor Arnould	Belgium	70.19 "	10th	
227. Juan Mari Mari	Spain	64.75 "	11th	

CARPENTRY

228.	Hans Peter Lehnherr	Switzlnd.	87.42 pts.	1st	Gold Medal
229.	Kong Soo Yong	Korea	83.22 "	2nd	Silver "
230.	Masatoshi Sako	Japan	77.45 "	3rd	Bronze "
231.	Adrianus Visser	Holland	68.30 "	4th	
232.	John O. Mahon	Ireland	67.74 "	5th	
233.	George John Wisner	U.K.	66.15 "	6th	
234.	Reinhold Krünberg	Germany	56.75 "	7th	
235.	Agostinhi Da Silva	C.Portugal	(Exercise unfinished.)		
236.	Jacques Lemmens	Belgium	(" ")		

JEWELLERY

237.	Serge Burgat	Switzlnd.	92.00 pts.	1st	Gold Medal
238.	Michael A. Hambling	U.K.	87.62 "	2nd	Silver "
239.	J.J. Serrano del M.	Spain	72.12 "	3rd	Bronze "
240.	J.M.E. Dickerscheid	Holland	64.00 "	4th	
241.	Kurt Günzel	Germany	61.25 "	5th	
242.	J.A. Caeiro Baltazar	Portugal	55.38 "	6th	
243.	Alessandro Seccia	Italy	53.25 "	7th	
244.	Joseph K. Dunne	Ireland	43.50 "	8th	

TAILORING

245.	Shin Doo Ho	Korea	87.60 pts.	1st	Gold Medal
246.	Willy Reggeman	Belgium	74.35 "	2nd	Silver "
247.	Shulchi Anada	Japan	65.25 "	3rd	Bronze "
248.	Joseph G.B. Cremer	Holland	63.10 "	4th	Hon. Men.
249.	Manfred Mack	Germany	57.40 "	5th	
250.	Angel Alonso Zarzosa	Spain	53.50 "	6th	
251.	Alphonse Denby	Ireland	49.15 "	7th	
252.	Margherita Zuccoli	Italy	Demonstration		Hon. Men.

WOMEN'S HAIRDRESSING

253.	Verena Dickreuter	Switzlnd.	90.60 pts.	1st	Gold Medal
254.	Son Soon Ik	Korea	86.80 "	2nd	Silver "
255.	Mariette Müller	Luxen.	86.10 "	3rd	Bronze "
256.	Klaus Dieter Winkle	Germany	80.30 "	4th	Hon. Men.
257.	Evelien J.J. Schaap	Holland	79.80 "	5th	" "
258.	Nicola Hanaide	Belgium	78.50 "	6th	" "
259.	Dora-Ann Downey	Ireland	77.10 "	7th	
260.	Isabel Cristóbal	Spain	75.90 "	8th	
	Redondo				

DEMONSTRATIONSUPHOLSTERY

261. Andreas Künzler	Switzlnd.	92.50 pts.	1st	Hon.	Men.
262. Jean-Paul Caux	Belgium	85.50 "	2nd	"	"
263. Jürgen Stelter	Germany	78.50 "	3rd	"	"

WATCHMAKING

264. Helmut Knops	Germany	Hon.	Men.
265. Roque Rojas Yervas	Spain	"	"
266. Philippe Blöchlinger	Switzlnd.	"	"

APPENDIX NO. 2.

Circular sent to member countries by the Japanese Organizing Committee for the 19th International Congress, and dated 1st July, 1969, and referring to the organization and preparation of the Tokyo Congress.

Organization:

In the hands of the Organizing Committee for the International Apprentice Competitions, C/- Japan Industrial & Vocational Training Association, 2-17-3, Shibuya, Shibuya-ku, Tokyo.
Telephone: 03-409-3551 (-3555).

Date and Place:

From 4th to 19th, November, 1970, in the Central Trade Centre, Reppo City, Chiba.

Accommodation:

The contestants will be given accommodation at the Chiba Youth Club; and other persons attending will be lodged in Tokyo hotels.

Trades included in the Competition:

At the same level as those convoked at prior Competitions in Europe. The trades themselves are:

Turning	House wiring
Milling	Electric welding
Fitting	Gas welding
Sheet metal work	Radio & TV Repair
Panel beating	Tailoring
Plumbing	Plaster work
Cabinet making	Painting
Joinery	Shoemaking
Carpentry	Stone cutting
Foundry moulding	Bricklaying
Constructional steel work	Jewellery
Woodpattern making	Women's hairdressing
Engineering drawing	Men's hairdressing
Presstool making	Instrument making
Industrial wiring	Industrial electronics

Draft Programme of the Competition:

- | | | |
|------------------------------|---|---|
| 4th November
(Wednesday) | - | Arrival of International Organizing Committee, President, Vice-President, Secretariat-General, Technical Representatives and Experts. |
| 5th November
(Thursday) | - | Meeting of the Technical Committee |
| 6th November
(Friday) | - | Meeting of the Technical Committee |
| 7th November
(Saturday) | - | Meeting of the Technical Committee
Arrival of the official representatives, heads of group, guests and contestants. |
| 8th November
(Sunday) | - | Excursions for the technical representatives and experts. |
| 9th November
(Monday) | - | Opening ceremony. |
| 10th November
(Tuesday) | - | Beginning of the Competition. |
| 11th November
(Wednesday) | - | Exercise work continues. |
| 12th November
(Thursday) | - | Exercise work continues: |
| 13th November
(Friday) | - | Exercise work finishes. Appraisal and marking of the contestants' work. |
| 14th November
(Saturday) | - | Appraisal and marking of contestants' work continues. |
| 15th November
(Sunday) | - | Free. |
| 16th November
(Monday) | - | Organizing Committee |
| 17th November
(Tuesday) | - | Excursion for official representatives, technical representatives, experts, official observers, heads of group, contestants and others. |

- 18th November - Closing ceremony. Departure.
(Wednesday)
- 19th November - Departure.
(Thursday)

Airports for charter flight departures:

The departure points for charter flights are: Paris-London, and Paris-Hamburg, places from which the regular services of Japan Air Lines start.

Persons entitled to use charter flights:

- a) President, Vice-President, Secretary-General and executive officials of the International Organizing Committee.
- b) Official representatives, official observers (two per country), heads of group and contestants.
- c) Technical representatives and technical experts.
- d) Guests (and their wives).

Persons included in paragraphs a) and c), as their arrival in Tokyo is scheduled to take place before that of the other participants, will only be able to use the return charter flight.

Persons referred to in paragraph b) will have preference on the charter flights, and any seats over after they have been accommodated will be distributed among those coming under paragraph d).

Travelling expenses of guests and their wives:

These persons will pay the full price of a charter flight - provided always that seats are available, as indicated in the foregoing paragraph. Persons referred to in paragraphs a), b) and c) will pay only half the full cost of the round trip by charter flight; the other half of their travelling expenses will be met, as a special gesture, by the Japanese Organizing Committee.

Travelling expenses of those mentioned in the above paragraphs from their own countries to London, Hamburg or Paris - the charter flight departure points - will be at the expense of the countries taking part.

- 18th November - Closing ceremony. Departure.
(Wednesday)
- 19th November - Departure.
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Price of the fare to Japan:

Single ticket, normal	-	\$600-\$700.
Round-trip ticket, normal	-	\$1,200-\$1,400
Single ticket, charter	-	\$300
Round-trip ticket, charter	-	\$600

Any places remaining free on the charter flights may be used by guests and their wives.

Accommodation expenses in Japan will amount to approximately \$10 a day, not including meals.

The flights will be made in DC 8 planes which can carry 130 passengers and 4 tons of luggage, so that each person will have a luggage allowance of 30 kilos.

Tools - their transport, and passage through Customs.

- 1) Tools and work implements will be considered as equipment necessary for the Competition. As far as Customs duty is concerned, appropriate measures will be taken to ensure they are not considered, in any way, as being of commercial value.
- 2) Sea transport is infinitely less costly. If equipment is sent three months beforehand, it will arrive safely and in good time.

Report of the General Secretariat