

XV



INTERNATIONAL APPRENTICE COMPETITION

UTRECHT 1966

report of the
general
secretariat



I N D E X

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P R E S E N T A T I O N

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The idea of the General Secretariat of publishing every year a report about the celebration of the Competition, has been welcomed with great enthusiasm by all since the two previous editions were received with great interest and exhausted in no time. Therefore we are preparing an edition of greater volume on this occasion.

The order and system used up to date seems to be the appropriate for obtaining the proposed objective : to outline a specific and accurate view of our activity. For this reason we refuse to take any chances introducing innovations which may alter the clear view and easy handling, because all of us became accustomed to the present distribution of subjects.

The Secretariat General intends to extend the International Competitions of Professional Training through the next pages, being however receptive to all suggestions or proposal in order to improve this diffusion.

F O R E W O R D

During the celebration of the XIII International Contest of Professional Training held in Lisbon in 1964 the Dutch Representation in the Organizing Committee suggested the possibility of celebrating a competition in The Netherlands. The idea was welcomed with sympathy and enthusiasm by all the participating countries, for the great experience acquired by the Dutch Committee in the National and International Competitions of Professional Training augured an extraordinary success.

In fact, all these hopes have been realized in 1966. After confirmation of the proposal during the Competition of 1965 in Glasgow and all details outlined during the previous meeting of the Council in October of the same year, the Dutch National Committee assumed the responsibility of celebrating the XV issue of the Competition.

The XV International Competition of Professional Training took place in the City of Utrecht between the 12 and 29 June, 1966. The Netherlands were a perfect setting for such demonstration. In the multisecular town of Limburg, synthesis of romanticism and craftsmanship, pastoral and industrious, the Competition was an event of conjunction of practice and brilliance.

It is interesting to note some aspects of special interest about the organization of the Competition. In the first place, the installations for the competition were the " Julianahall ", one of the exhibit pavillions of the Utrecht Fair. All specialities were gathered in one place, therefore saving time and the organization helped although for the Dutch Committee it represented a greater effort.

This was a unique experience in the life of the activity, because up to date all the competitions have been held in schools or centres of professional training.

On the other hand it is interesting to note that this was the greatest competition up to date, since the number of competitors as well as that of specialities (although this is the first competition in which the category "B" Junior was eliminated) was far higher than the numbers reached in previous events. Moreover, the duration of the Competition was considerably reduced, saving a week. This last fact aroused great interest in all because it means an important reduction in the cost of the activity.

Another important point was the transcendancy of the Competition. As observers were welcomed, 12 members of the newly founded National Committee for the Competitions of Professional Training of the Republic of South Korea, and one observer from Australia. As regards South Korea the General Secretariat has received an official application of admittance which will be studied by the Organizing Council during the preceptive meeting in October 1966.

The importance of the XV Competition, both for the organizing country and the surrounding countries was made clear by the presence of H. M. Queen Juliana and Prince Klaus from Holland and the Ministers of the Medium Classes of Belgium and Luxembourg and the Secretary of State for Medium Classes of Holland (Benelux).

The Chairman of the Opening Ceremony was the Dutch Secretary of State for Education and Science. Ambassadors accredited to The Hague and those of the participating countries were also present.

The fundamental objectives of the Competition were fully accomplished. The technical level was higher than previous years. The rapport between the young apprentices of the participating countries was very intensive in the Kupersoord and the Catholic Pensionate of St. Louis, of Amesfort (situated at 20 kilometres from the competition site), where the participants were lodged.

All of them acquired a deep and accurate knowledge of the life and customs of Holland, thanks to a well constructed cultural and recreative programme.

The attention and efforts of the Dutch National Committee was manifested at alltimes to all. A Ladies Committee attended to the wives and feminine relatives accompanying the representatives, observers, experts and invitees. In recognition of the gratitude felt by all towards the attentions received, the Organizing Committee agreed unanimously to grant the Plate of the Competition to the Dutch National Committee, Directorate of the Fair of Utrecht, Kupersoord and Catholic Pensionate of St. Louis, which were the institutions directly responsible of the organization, sites and accommodation of the competitors, respectively.

The General Secretariat, on its own initiative would like also to congratulate the Dutch National Committee for the success achieved. Through these pages we intend to bring to public knowledge the realities of the Competition, which once more has accomplished its noted objectives.

RECTORATE OF THE XV COMPETITION

Thanks to the generous contribution of the Dutch National Committee and its invaluable help, the International - Organizing Council writes in its history another brilliant success in the celebration of the Competition.

ORGANIZING COUNCIL OF THE INTERNATIONAL COMPETITION OF PROFESSIONAL TRAINING

PRESIDENT

Eugenio Lopez López

VICEPRESIDENT

Faustino Ramos Diez

VICEPRESIDENT

W.C.S.Laman Trip

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Belgium	Pierre Vlaemnick	Jean Vastiau
Spain	Faustino Ramos Diez	Diómedes Palencia Albert
Holland	W.C.S. Laman Trip	J.M.Moerberk
Ireland	Michael O'Flanagan	S. Power
Italy	Armando Malagodi	G. Ghedini
Japan	Kan Terauchi	Akio Kioka
Portugal	Carlos A. Diaz Ferreira	Villar Queiroz
United Kingdom	F. D. Hill	T. Iley
Switzerland	Albert Müller	Paul Fraefel
Luxembourg	Glossener	

The Technical and Official Representations of Austria and Denmark were not present.

SECRETARIES OF NATIONAL COMMITTEES

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P. D. Croft United Kingdom

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Algunia -- Maruja López.

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M. Rademakers	President Nederlands Verbond van Middenstandsvereenigingen.
Jhr. Mr. C.J.A. de Ranitz	Major de Utrecht.
Ir. L. Schepers	President van de Nederlandsche Maatschappij voor Nijverheid en Handel.
P. Tjeedsma, ing.	Secretary Christelijk Nationaal Vakverbond.

P.G. van der Weelo

President
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Middenstandsbond.

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Chr. Werkgevers.

J. Wils

President
Vereniging tot Veredeling van het
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Drs. J.F.H. Wijzen

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en Kleinbedrijf en Toerisme.

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COMPETITION OF PROFESSIONAL TRAINING.

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Vereniging ter Veredeling
van het Ambacht.

H. Bertelsmann

Vicepresident
Central Orgaan van de Lan-
delijke Opleidingsorganen.

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Ministerie van Economische
Zaken.

H. Dollekamp

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J. van Hemert

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Mr. F.L. Rutgers

Nederlandsche Maatschappij
voor Nijverheid en Handel.

A. Segaar

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en Wetenschappen.

Drs. K. van 't Zet

Ministerie van Sociale
Zaken en Volksgezondheid.

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Mrs. W. J. Laman Trip-Vorstoooven
Mrs. C. W. Gooto - Poutsma
Mrs. J. C. M. Boschloo-ten Bosch
Mrs. J. C. van 't Zet-Middag
Mrs. M. Hamor-Schneiders

COLLABORATING CENTRES, COMPANIES AND INSTITUTIONS

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Thanks to the collaboration and help rendered by several centres and institutions, the XV International Competition of Professional Training was a great success. As a testimony to our gratitude we list below the names of those generous collaborators.

Artillerie Inrichtingen N.V. Amsterdam.	N.V. Kiekens Machinefabriek Landsmeer.
Technische Im- en Export Agentschap Fa.J.L.Bienfait- Aerdenhout.	Koenen & Co. - Amsterdam Koninklijke Nederlandse Jaarbeurs Utrecht.
De Cirkel N. V. - Halfweg.	Koninklijke Sphinx-Ceramique v/h Potrus Rogout N.V. - Maastricht
van Doorn's Handelsmij Arnhem.	N.V.Laagland - Rotterdam
Firma Fliess - Helden	Landré en Glinderman N. V. Amsterdam.
Fremerier en Wijna n.v. Driebergen	N.V.Lindetoves Jacobberg Amsterdam
Groeneveld v.d. Pol & Co's Electro-technische Fabrieken N.V. - Amsterdam.	Koninklijke Lak-, Vernis-en Verfabriek Molihjn & Co. N.V. Rotterdam.
C.V.Technisch Bureau v/h de Groot & Co.-Rotterdam.	Multi-meubel - Barneveld
W.A. Hoek's Machine & Zuurtofgabriek N.V. Schiedam.	Nolten, Electrotechnische en Mechanische Industrie n.v. Eindhoven.
Hogere Technische School Utrecht.	Ver. de Nederlandse Baksteen Industrie - Arnhem.
Indola N. V.-Rijswijk	N.V. Nederlandsche Kabelfabriken Delft.
N.V.Machinenfabriek Jurg Amersfoort	

Nieboer N.V. - Groningen

N.V. Nonius - Delft

Noordhollandsche Machine-
handel - Wormerveer

Phillips Nederland N.V.
Eindhoven

Phillips' Gleilampen-
fabrieken N.V. - Eindhoven

Polva Nederland N.V.

N.V. Renirie - Gijck

Rembrandt Pfann N.V.
Amsterdam.

J. Schröder & Co's Handelsmij
N.V. - Rotterdam.

Sikkens Verkoop Nederland
N. V. - Amsterdam.

Smit & Co's Transformatoren N.V.
Nijmegen

R.S. Stokvis & Zn.^{re} N.V. - Rotter-
dam.

Technische Hogeschool - Delft

Technische School voor het
Kledingbedrijf - Utrecht.

N.V. Technische Unie - Amsterdam.

Handel en Konstruktie Mij.S. ten
Thije N.V. -'s - Hertogenbosch.

U.M.S. Pastoe - Utrecht.

Wagemakers Lakfabriken - Breda.

N.V. Wekspoor - Utrecht.

INFORMATION ABOUT THE XV COMPETITION

In the following we list the most --
important and representative informa--
tion of the XV International Competi--
tion of Professional Training. Limited
by space we cannot reflect in all their
magnitude all the details, however, we
will attempt to omit nothing, though --
schematic.

PLACE AND DATE OF CELEBRATION

The XV International Competition of Professional Training took place from the 11th to the 29th of June 1966 in the arbitrated installations at the "Julianhall" of the Utrecht Fair (Holland). The competitors were accommodated in the Kipersoord and Catholic Pensionate of St. Louis, both centres of Amersfort, place located at 20 kilometers from the site of this celebration of the competitions. The official and technical representatives, experts, observers and invitees, were accommodated in three hotels of Utrecht.

The indicated dates show four different phases of realization, as follows:

1st phase from the 11th to the 14th of June

On the 11th of June the Members of the International Secretariat arrived in Utrecht inspected the place, dependencies and required material for the realization of the preparatory phase by the Technical Commissions. In this period all the provisions were ready.

2nd phase from the 14th to the 17th of June

On the 14th of June the Technical Experts and Representatives of each of the participating countries joined together in the works of the competition, and realized the following functions:

1. Designation of commissions for the specialities of -
MECHANIC, Metallurgy, Electricity, Construction, Wood and
Artistic Works to enable them to choose the exercises, to
be the subjects of the competition, from among the propo-
sals presented by the member countries.
2. Reproduction of the plans of and translation to the di-
fferent languages, the tables of punctuation and instruc-
tions to the participants and members of the Jury of each
speciality.
3. Preparation of the materials and working positions.
4. Meetings of the Technical Committee to determine the -
qualification system to be used in each one of the specia-
lities called for.

3rd. phase from the 18th to the 23rd June.

Arrival of the Official Representatives of the member coun-
tries and observers.

Arrival of the competitors.

On the 20th the XV Competition of Professional Training -
was solemnly inaugurated.

From the 20th to the 23rd June, inclusive, the competitors
performed the exercises of the Competition. During this pe-
riod, the Technical Representatives and Experts, coordina-
ted by the General Secretariat, performed the task of vigi-
lance on the execution of the works and the custody of the
work pieces.

4th phase from the 24th to the 29th of June.

1. Qualifications of the exercises performed, by the -
commissions forming the International Jury.
2. Programme of visits scheduled for all the visitors.
3. Solemn closing of the Competition and awarding of prizes
4. On the 29th all participants returned to their countries.

PARTICIPATING COUNTRIES AND THEIR REPRESENTATIONS

Spain	National Youth Delegation
Portugal	Portuguese Youth
Japan	National Committee of Professional Training
Germany	Official Chambers of Industry and craftmanships.
Switzerland	Professional School of St. Gallen
Ireland	Ministry of Education
Belguim	Ministry of Medium Classes
Holland	National Committee of Professional Training
United Kingdom	Londons Institute of Arts and Craft manship
Italy	General Directorate of Technical Teaching

OPENING CEREMONY.

On the 20th of June in one of the wide halls of the "Julianahall" specially prepared for this event solemnly took place the opening ceremony of the XV International Competition of Professional Training.

The Presidency was integrated by the Dutch Minister of State for Education and Science and the Official Representatives of the participating countries. The official representative of Holland, First Vicepresident of the Organizing Council, addressed to all present members offering them the Competition and welcomed senior and juniors. The Secretary of State for Education and Science spoke thereafter and closed the ceremony the International President with emotive words, remarking the importance of this event.

The competitors entered in the hall, preceded by their Group Chiefs. There carried the respective flag of their countries and marched down while the national anthem of their countries was played. The Band of drums and trumpets of the Cavalry Regiment of Utrecht performed during the ceremony.

A numerous representation of international press, news-reels and radio was present.

The competitors received great demonstrations of sympathy.

With this ceremony the XV International Youth Competition of the Work started, in which the ability of the workers along with technic and ingenuity, are over any other qualification

Once the Opening Ceremony was over there was a time for familiarization between the competitors, chief of groups, representatives, technicians, experts and work-shop masters. Afterwards the exercises were delivered to the young men who went to the workshops to familiarize themselves with the machinery.

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CULTURAL AND RECREATIVE PROGRAMME

The Dutch National Committee prepared a Cultural and Recreative Programme for all the assisting persons and specially for all the Competitors. The young men coming from 11 different countries could appreciate the natural beauty of Holland, their customs and folk.

We wish to point out some of the more remarkable visits made:

- A visit to Rotterdam, where they could admire the Professional School of Harbour Activities and the Euromast.
- Reception by the Major of Utrecht to all the participants in one of the halls of the Municipality.
- Visit to the Museum of Railroads of Utrecht, where a dinner was given by the Royal Dutch Samples Fair.
- Bus tours through Utrecht and visit to the Sports School of Anton Geesink, where a demonstration of judo took place.
- Visit to the lakes of Loosdrecht, with lunch in the Restaurant " West End " on the lake.
- Visit to the National museum of Amsterdam, with dinner afterwards. Boat promenade through the illuminated channels of Amsterdam.
- Visit to Polden and to the Museum of Arnhem (open air).
- Visits to several Dutch Institutes for Professional Training.

CLOSING CEREMONY

The closing ceremony of the X International Competition Training, a golden final to this brilliant competition, took place in the Municipal Theatre of Utrecht, where the competitors received their prizes. Also, in this ceremony the Phates of the Competition were awarded to the Dutch National Committe for the Competitions -- of Professional Formation. The Royal Dutch Samples Fair, Kupersoord and Catholic Pensionate of St. Louis, in grateful recognition for -- the collaboration rendered during said Competition.

At mid-day all the participants lunched in a central -- restaurant and, at night, a small farewell party was given at the -- residence of Amersfort.

COMPETITION RULES

Necessarily all activity should be ruled by a norm and even more so when a competition is implicit. In the following we reproduce the norms which the Jury and the Competitors should apply in the Competition.

INSTRUCTIONS FOR TECHNICAL EXPERTS

We must remember that technical experts, as collaborators of the technical representatives of each country are required to perform an important and far-reaching function of responsibility in the organization of workshop tests. A good deal for the success in tests and the qualifications of same, depends upon the enthusiasm and zeal given their work.

Thus, the Office of the Secretary General issues the following instructions:

- 1st.- Prior to the first meeting of the Technical Committee, experts would have to be get to know their respective representatives in the Commission upon whom they depend as well as the workshop principals of their particular specialization in order to interchange opinions about the organizing of the Competition. Together with the workshop principals they must visit the premises, outbuildings, places of work machinery, tools, etc. Thus they would, acquire better judgement in the choice of exercises in accordance with means and instruments at their disposal at the various centres where the competition is to be held. The composition of the Commission appears in the enclosure.
- 2nd.- At the first meeting to be held by the Technical Committee which all the experts will attend one should discuss those difficulties or deficiencies observed in installations, machinery, etc., and conclude what is best for the organization of tests.
- 3rd.- After the first meeting, The Commissions will be established to select the exercises from among those suggested and proposed by the different technical representatives of each country. Standards imposed by the Secretary General's Office must figure in this list and be the following:
 - a) Objectivity.- Only by considering the range and purpose of the Competition, attain the aforesaid objectivity will be assured. Thus prestige will be added to the Competition taking into account its significance in the national and international field.

b) Internationality.-- The tests to be selected must have a technical and professional character of their own in accordance with what the Competition represents in the international field.

c) Facility of realization.-- We understand that this facility does not refer to the simple and elemental character of exercises chosen for the competition, but only means that they must not offer great difficulties as regards the time involved in their realization, not oblige the participants to employ technical methods not available at that moment nor contain complications to provisions adopted. The international character of the Competition and its technical and professional prestige obliges to bear in mind these considerations.

The facility to which we refer must be taken into account for the preparation of materials, tools, utensils, machinery, accessories, measurements, verification, etc.

d) Clarity and good technical design.-- The designs and drawings selected must be arranged with the greatest clarity and conform to current technical drawing specifications, that is to say, adjusted to DIN standards, adopted by our Organizing Council. Otherwise, the designer assigned to each Commission shall be requested to realize adjustments and corrections necessary for understanding them better.

4th.-- The Commissions shall assign a punctuation and qualification system for each test, always according to standards imposed by the Organizing Council. This system shall be translated into the specific languages of the contestants with copies of which shall be handed out to them.

5th.-- Maximum times for completing the tests, not exceeding 28 hours at any time shall be established. This time shall be clearly stated in the plans submitted to the general secretary's office, in accordance with dispositions contained in clause 9.

6th.-- The selected exercises shall be urgently submitted to the Technical Committee for their definite approval in a plenary session, if possible at the first session.

7th.-- The experts chosen for each specialization, together with workshop principals of the Centre where the tests take place, shall commence the preparation of materials if possible the day following the selecting of exercises.

These should be prepared, in their respective sizes, in such a way that the contestant does not waste time in completing work unessential in evaluating his level of professional attainment. However, the method of preparing materials must not be of definite help to the contestant specially when applying to calculation facilities or others of a different type, product of the essential personal conditions of each participant.

- 8th.- The technical experts shall assure that the translation service of the Secretary General Office translate all technical terms figuring in the designs into the different languages.
- 9th.- Once all designs have been finished, they shall give a copy to the Secretary General to reproduce the number of copies needed for contestants. This copy of the chosen exercise shall be signed by the technical representative and experts, although in spite of adjustments of rectifications having been made.
- 10th.- After completing all the aforementioned, the technical experts shall contact the workshop principals in order to supervise the preparation of materials, instruments, tools, machinery, etc.
- 11th.- In accordance with the technical representatives they shall prepare working-places, endeavouring to separate them as much as possible to prevent contestants from copying each other's work, and to avoid complaints which only lead to errors at the moment of qualifying, followed by negative critics to the Technical Committee.
- 12th.- The places of works and the groups of materials as well as the machinery shall be conveniently numbered, prior to starting the tests, drawing lots in presence of the contestants to acquaint them with the drawing system.
- 13th.- In all proceeding the technical experts shall be most solicitous in not acting by themselves but always with the approval of the technical representatives charged with advising the Commissions to which they are assigned.
- 14th.- After the inaugural act of the Competition, and in accordance with established time table, they shall accompany the contestants of their assigned specializations to the workshop where lots will be drawn about the places of work, material, machines. Acertain time shall be allotted to contestants for the study of the drawings, examination of the machinery etc., in the accordance with the Committee's standards. The work shall not commence until each Committee takes the corresponding decision.
- 15th.- The technical experts shall put down the hour the exercises

commenced to account for the exact amount of time taken by each contestant, naturally they shall deduct the time lost by contestants owing to reasons alien to their own will.

- 16th.- They shall put down in a book all incidences noticed by them at each contestant during his work, such as professional ability, correct or incorrect ways of working, faults in basic methods, etc., to be taken into account at qualifications.
- 17th.- If, for any reason, whatsoever, it were necessary to give the contestants new material, it shall not be handed out without the authorization of the respective technical representative.
- 18th.- During the work, the technical experts shall see to it that the contestants keep order and discipline which, if not observed, could be a reason for disqualification.
- 19th.- Contestants shall not be permitted to converse with any persons other than those being members of the Organizing Council, unless authorized to do so.
- 20th.- The different pieces or parts of the test shall be conventionally numbered and marked as soon as the contestants begin with them. These marks shall be frequently recorded to avoid possible errors, changes in the said pieces or parts of the test, possible substitutions, etc. etc.
- 21th.- At the close of each day of work, they shall gather the tests, watch them in a way they think fit and employ adequate security methods. In no case and by no means, may the contestants take the test design handed out to them at the beginning of the test out of the workshop. They may take it away with them at the end of the competition if they wished.
- 22nd.- When the contestants have finished their work, it shall be qualified in accordance with standards and instructions given by the technical representative of each Commission.
- 23rd.- The technical experts shall report individually upon each test according to the data contained in the printed matter at their disposal.
- 24th.- Once verified, the qualifications shall be given, together with the tests, to the Office of the Secretary General.
- 25th.- The technical experts shall try to avoid expressing their personal opinions about the contestants' work in their presence. These opinions shall only be

expressed by the technical representative.

26th.- They must not clarify any doubts the contestants may have about the designs of the tests. If an explanation were necessary, it must not be made without the authorization and approval of the respective technical representative.

Utrecht, June 1966

The General Secretary

INSTRUCTION TO CONTESTANTS

To ensure that everything runs smoothly, contestants are issued with the following rules giving them details of how the tests are organised.

- 1.- The Technical Committee will allow you a certain time in which to study your drawing. Study it carefully. If you do not understand the wording on the drawing and if there is no separate sheet giving instructions in your own languages, please ask for a translation. At no time must you take the drawing away from the workshop; at the end of each day's work you are hand it to the Technical Representative in charge.
- 2.- Try to be present when lots are drawn for materials, working bench and equipment etc. and get acquainted with the layout.
- 3.- Do not start your work until ask to do so. Your time will be noted by the Technical Representative of your particular trade. If your wish you can look at his notes and see how long you are taking to do your work.
- 4.- Your entry will be given a number. Check this constantly. You must make sure that all parts of your work are marked with this number.
- 5.- Check your materials carefully before starting-work this may save your from making mistakes.
- 6.- If you have not brought enough tools or measuring instruments you may ask for more and they will be given to you immediately.
- 7.- Compare your measuring instruments with those of the Jury who will be judging your work.
- 8.- While you are in the workshop do not speak with anyone unless he is a member of the Competition Organizing Committee.
- 9.- If you spoil any of your materials ask the Technical Representative of your trade for more and he will get them for you.
- 10.- Study the marking scheme and arrange your working time to coincide with the maximum time you are allowed to finish the work.

THE COMPETITION IN NUMBERS

Following we offer a collection of statistics which we believe will be of great interest to all. Such is the importance which we give it, that the major part of this booklet is devoted to them.

DETAILS OF THE WORKSHOPS' CHIEFS

BRANCH	TRADE	CHIEF OF THE WORKSHOPS
MECHANIC	Drawing Fitting Turning Milling Press Tool Making Instrumentmaking	W.G.M. Boshoff A.C. Cheret P.P. Masters Tj. Kok J.H. vd Mey D. Zwiers
METALLURGY	Foundry Moulding Wood Patternmaking Const. Steel Work Gas Welding Electric Welding Panel Beating Sheet Metal Work	N.J. Noorlander M.B. Marree G. Menkveld A.W. de Lange A.W. de Lange R.M. Teeuwen G. Bloo
ELECTRICIY	Industrial Wiring House Wiring Radio and T.V.	G.M. van Kooten J. Griffioen P.F. Salverda
BUILDING	Stone Cutting Bricklaying Plaster Work Painting Plumbing	A. van Straaten H.C. Hoogendoorn A.J. Peynenburg P.J. van de Meer J. Holanyder
WOOD	Cabinet Making Carpentry Joinery	W.T. Bunnik J. Beets W.T. Bunnik
ARTS TESTS	Silversmithing Jewellery	J.H. Comello J.H. Comello
DRESS MAKING	Shoe Making Tailoring	

JURIES BY BRANCHES AND TRADES

TRADES	TECHNICAL REPRESENTATIVES	EXPERTS
Drawing	Ghedini (Italy) Palencia (Spain)	Paradisi (Italy) Schürch (Switzerland)
Fitting		Benassi (Italy) Zielinski (Germany)
Turning		Nakamura (Japan) Hogan (Ireland)
Milling		Steurbaut (Belgium)
Press Tool Making		Paciña (Spain)
Instrumentmaking		Reeves (U. Kingdom) Guex (Switzerland)
Foundry Moulding	Kiooka (Japan) Woerner (Germany) Queiroz (Portugal)	Noorlander (Holland) Quinzio (Italy)
Wood Patternmaking		Matos (Portugal)
Constructional Steel Work		Thornton (U. Kingdom)
Gas Welding		Fontes (Portugal)
Electric Welding		Bolton (Ireland) Miró (Spain)
Panel Beating		Une (Japan)
Sheet Metal Work	Raspe (Germany)	Serrano (Spain) Gault (U. Kingdom)
Industrial Wiring		Tighe (Ireland) Pellacani (Italy)
House Wiring		Umeda (Japan) Nispel (Germany)
Radio and T.V. Repairing		Lanssens (Belgium) De Brito (Portugal) Ikeda (Japan)

TRADES	TECHNICAL REPRESENTATIVES	EXPERTS
Stone Cutting	Vastiau (Belgium) Moerkerk (Holland)	Mary (Belgium) Ryeer (Switzerland)
Bricklaying		Mc Grenera (Ireland) Müller (Germany)
Plaster Work		Bekooy (Holland)
Painting		Istace (Belgium) Koomen (Holland)
Plumbing		Lebeau (Belgium) van Rhyn (Holland)
Cabinet Making	Power (Ireland) Fraefel (Switzerland)	Scholz (Germany) Bustillo (Spain)
Carpentry		Colins (Ireland) Marfleet (U.Kingdom)
Joinery		Glösener (Luxemburg)
Silversmithing	Iley (U. Kingdom) Belgium Holland	Loosli (Switzerland) Cruz (Spain)
Jewellery		Duquesnoy (Holland) Arrambarry (Spain)
Tailoring		Noseda (Belgium) van de Werff (Holland)
Haircutting		Schoenmaker (Holland) Lammers (Holland)

COMPETITORS BY COUNTRIES

COUNTRIES	COMPETITORS	OUT COMPETITION	T O T A L
Germany	27	1	28
Belgium	14	2	16
Spain	26	-	26
Holland	26	4	30
Ireland	23	-	23
Italy	15	-	15
Japan	20	-	20
Luxemburg	4	-	4
Portugal	14	-	14
United Kingdom	25	2	27
Switzerland	18	-	18
T o t a l	212	9	221

TRADES CONVOKED AND THE NUMBER OF PARTICIPANTS IN EACH ONE

COUNTRIES	TRADES	Germany	Belgium	Spain	Holland	Ireland	Italy	Japan	Luxemburg	Portugal	United King.	Switzerland	TOTALS	
													By trades	By branches
MECHANICAL	Engineering Draw.	x		x	x	x	x	x			x	x	8	
	Fitting	x		x	x	x	x	x	x	x	x	x	10	
	Turning	x		x	x	x	x	x		x	x		8	46
	Milling	x		x	x	x	x	x		x	x		8	
	Press Toolmaking	x		x	x	x		x		x	x	x	8	
	Instrumentmaking	x			x						x	x	4	
METAL-INDUSTRY	Foundry Moulding			x	x	x	x	x		x	x		7	
	Wood Patternmaki.	x		x	x		x	x		x	x	x	8	
	Const. Steelwork	x		x	x	x		x		x	x	x	8	
	Gas Welding	x		x	x	x	x	x		x	x		8	52
	Electric Welding	x		x	x	x	x	x		x	x		8	
	Sheet Metal Work	x		x	x	x		x		x	x		7	
	Panel Beating	x	x	x	x	x		x					6	
ELECTRICITY	Industrial Wiring	x	x	x	x	x	x	x	x	x	x		10	
	House Wiring	x	x	x	x	x	x	x		x	x	x	10	27
	Radio and TV Rep.	x	x	x			x	x		x	x		7	
BUILDING	Stone Cutting	x	x	x	x						x	x	6	
	Bricklaying	x	x	x	x	x	x				x	x	8	
	Plasterwork	x	x	x	x	x					x	x	7	36
	Painting	x	x	x	x	x					x	x	7	
	Plumbing	x	x	x	x	x		x			x	x	8	
WOOD	Cabinet Making	x	x	x	x	x	x	x	x	x	x	x	11	
	Joinery	x	x	x	x	x		x			x	x	8	27
	Carpentry	x	x		x	x	x	x			x	x	8	
METALS	Silversmithing	x		x		x	x		x		x	x	5	
	Jewellery	x		x	x	x	x		x		x	x	8	13
Textile and Clothing	Shoemaking	x	x	x	x			x				x	4	
	Tailoring	x	x	x	x	x							7	11
Miscellaneous	Haircutting	x	2		4						2		7	
	Industrial Elect.												2	9
T O T A L S		28	16	26	30	23	15	20	4	14	27	18	221	221

TESTS PROPOSED BY THE MEMBER COUNTRIES AND MENTION
OF THOSE SELECTED BY THE DIFFERENT COMMISSIONS.

TRADES	GERMANY	BELGIUM	SPAIN	HOLLAND	IRELAND	ITALY	JAPAN	LUXEMBURG	PORTUGAL	UNITED KINGDOM	SWITZERLAND	TOTALS PROPOSED BY TRADES
Engineering Draw.	O		X	O	X	X	X			X	O	6
Fitting	O	X	X	X	X	X	X			X		8
Turning	X	O	X	X	X	X	X			X		8
Milling	X		X	O	X	X	X			X		6
Press tool making	X		X	O	X	X	X			X		7
Instrumentmaking	X			X							O	3
Foundry moulding				O								1
Wood patternmaking	X		X	O	X	X	X			X	X	6
Const. steel work	X		X	O	X		X		X	X		8
Gas welding			X	O	X		X		X	X		6
Electric welding	X		X	O	X		X		X	X		7
Panel beating	X		O	X	X		X			X		6
Sheet metal work			X				X			O		3
Industrial wiring	X		O		X	X	X			X		6
House wiring	X		X		O				X			4
Radio and TV rep.	O							X	X			3
Stone cutting		X	X	O						X	X	5
Bricklaying	X		X		X					X	O	5
Plasterwork				O	X					X		3
Painting			X	O	X					X		4
Plumbing		O	X	O	X		O			X		6
Cabinet making	X		X	O	X		X			X	X	7
Carpentry	O				X		X		X	X		5
Joinery	X		X	X	O		X			X	X	7
Silversmithing			X	X						X	O	4
Jewellery			X			O				X	X	4
Shoe making	O		O	X								3
Tailoring		O		O								2
Industrial electr.												
Haircutting												
Tests proposed	18	5	22	21	17	7	16	1	6	22	9	143
Tests selected	5	3	3	14	2	1	1	-	-	1	4	31

MEDALS OBTAINED BY THE PARTICIPANTS COUNTRIES

COUNTRIES	Compe- titors	MEDALS			Honry mentions	T O T A L S	
		GOLD	SILVER	BRONZE		Medals	Mentions
Germany	28	1	5	8	2	14	2
Belgium	16	1	2	1	—	4	—
Spain	26	2	—	1	4	3	4
Holland	30	5	4	5	—	14	—
Ireland	23	1	3	3	—	7	—
Italy	15	4	—	1	—	5	—
Japan	20	9	3	2	1	14	1
Luxemburg	4	—	—	—	1	—	1
Portugal	14	—	—	—	2	—	2
United Kingdom	27	4	5	3	—	12	—
Switzerland	18	2	6	4	2	12	2
T O T A L S	221	29	28	28	12	85	12

ANALYSIS OF THE WINNERS OF GOLD MEDALS BY COUNTRIES

JAPAN (9)

Fitting	94,66	
Milling	75,88	
Press tool making	90,62	
Wood pattern making	54,73	
Const.Steele work	81,50	
Electric welding	86,63	
Panel Beating	84,00	
Radio and T.V. Rep.	90,42	
Carpentry	78,60	
	737,04 :	9 = 81,89

HOLLAND (5)

Instrument making	84,05	
Plaster work	85,20	
Painting	87,50	
Plumbing	78,70	
Shoe making	74,80	
	410,25 :	5 = 82,05

ITALY (4)

Drawing	92,65	
Foundry Moulding	85,48	
Industrial wiring	93,01	
House wiring	95,15	
	356,29 :	4 = 91,57

UNITED KINGDOM (4)

Turning	85,88	
Gas welding	88,71	
Sheet metal work	84,80	
Bricklaying	88,11	
	347,50 :	4 = 86,87

SWITZERLAND (2)

Silversmithing	87,40	
Jewellery	92,65	
	180,05 :	2 = 90,02

SPAIN (2)

Panel Beating	84,00
Cabinet Making	84,80
	168,80 : 2 = 84,80

GERMANY (1)

Tailoring	95,60
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BELGIUM (1)

Stone Cutting	88,13
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IRELAND (1)

Joinery	76,30
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TOTAL GOLD MEDALS : 29
 TOTAL MARKS: 2.469,96 : 29
 AVERAGE MARKS: 85,17

ANALYSIS OF THE WINNERS OF SILVER MEDALS BY COUNTRIES

SWITZERLAND (6)

Drawing	81,10
Instrumentmaking	81,43
Const. Steel Work	79,50
Stone Cutting	82,48
Plaster Work	77,55
Plumbing	76,00
	478,06 : 6 = 79,67

UNITED KINGDOM (5)

Foundry Moulding	81,40
Stone Cutting	82,13
Painting	79,75
Silversmithing	70,30
Jewellery	86,00
	399,58 : 5 = 79,91

GERMANY (5)

Press Tool Making	85,47
Wood Patternmaking	52,51
Bricklaying	81,73
Cabinet Making	80,25
Shoemaking	69,05
	369,01 : 5 = 73,80

HOLLAND (4)

Fitting	85,95
Milling	72,20
Electric Welding	79,11
House Wiring	93,54
	330,80 : 4 = 82,70

IRELAND (3)

Sheet Metal Work	72,95
Industrial Wiring	92,53
Carpentry	77,40
	242,88 : 3 = 80,96

JAPAN (3)

Turning	85,39	
Gas Welding	85,00	
Tailoring	93,50	
	<u>263,89</u>	: 3 = 87,96

BELGIUM (2)

Radio & TV Rep.	89,48	
Joinery	72,95	
	<u>162,43</u>	: 2 = 81,21

TOTAL SILVER MEDALS = 28
 TOTAL MARKS = 2.246,65:28
 AVERAGE MARKS . 80,23

ANALYSIS OF THE WINNERS OF BRONZE MEDALS BY COUNTRIES

= = = = =

GERMANY (8)

Drawing	78,20
Milling	69,13
Sheet Metal Work	72,15
Industrial Wiring	87,95
Plaster Work	68,90
Painting	77,50
Silversmithing	66,90
Jewellery	75,40
	596,14 : 8 = 74,51

HOLLAND (5)

Turning	83,68
Const. Steel Work	78,55
Panel Beating	71,00
Stone Cutting	80,38 X NO
Tailoring	86,00
	399,61 : 5 = 79,92

SWITZERLAND (4)

Wood Patternmaking	51,47
Bricklaying	74,36
Cabinet Making	77,75
Carpentry	74,40
	277,98 : 4 = 69,49

UNITED KINGDOM (3)

Instrumentmaking	69,10
Electric Welding	66,46
Radio & TV rep.	88,04
	223,60 : 3 = 74,53

stone cutting 82,13

JAPAN (2)

House Wiring
Carpentry

$$\begin{array}{r} 92,92 \\ 69,35 \\ \hline 162,27 : 2 = 81,13 \end{array}$$

BELGIUM (1)

Plumbing 74,30

SPAIN (1)

Shoemaking 68,95

ITALY (1)

Fitting 82,87

tot

TOTAL BRONZE MEDALS : 28

TOTAL MARKS : 2.125,79 : 28

AVERAGE MARKS : 75,74

ANALYSIS OF THE WINNERS OF MENTION OF HONRY BY COUNTRIES

= = = = =

SPAIN (4)

Foundry Moulding	79,92
Const. Steel Work	74,80
Industrial Wiring	86,04
Radio & TV. Rep	86,64
	327,40 : 4 = 81,85

GERMANY (3)

Const. Steel Work	71,00
House Wiring	91,28
Gas Welding	76,18
	238,46 : 3 = 79,48

PORTUGAL (2)

Wood Patternmaking	48,90
Const. Steel Work	70,80
	119,70 : 2 = 59,85

SWITZERLAND (2)

Const. Steel Work	92,21
Tailoring	81,30
	173,51 : 2 = 84,75

JAPAN (1)

Industrial Wiring	87,35
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LUXEMBURG (1)

Industrial Wiring	81,50
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TOTAL MENTION OF HONRY : 13
TOTAL MARKS : 1.027,92 : 13
AVERAGE MARKS 79,07

NUMBER OF COMPETITORS IN EACH TRADE, POINTS OBTAINED
BY THEM AND THE CORRESPONDING PERCENT

MECHANIC	COMPETITORS	TOTAL POINTS	PER CENT
Drawing	8	543,30	67,91
Fitting	10	735,03	73,50
Turning	8	591,05	73,05
Milling	8	516,63	64,57
Press Tool Making	8	567,98	70,99
Instrumentmaking	4	295,53	73,88
TOTAL AVERAGE	46	3.249,52	70,64
METALLURGY			
Foundry Moulding	7	557,87	79,69
Wood Patternmaking	8	343,19	42,89
Const. Steel Work	8	584,05	73,00
Gas Welding	8	608,91	76,11
Electric Welding	8	482,44	60,30
Sheet Metal Work	7	493,25	70,46
Panel Beating	6	389,00	64,83
TOTAL AVERAGE	52	3.458,71	66,51
ELECTRICITY			
House Wiring	10	855,42	85,54
Industrial Wiring	10	742,06	74,20
Radio & T.V. Repairing	7	579,71	82,81
TOTAL AVERAGE	27	2.177,19	80,63
BUILDING			
Stone Cutting	6	458,47	76,41
Bricklaying	8	571,72	71,46
Plaster Work	7	408,75	68,12
Painting	7	515,00	73,57
Plumbing	8	532,10	66,51
TOTAL AVERAGE	36	2.486,04	71,02
WOOD			
Cabinet Making	11	634,25	57,70
Joinery	8	509,35	63,66
Carpentry	8	508,20	63,52
TOTAL AVERAGE	27	1.651,80	63,53

TESTS	COMPETITORS	TOTAL POINTS	PER CENT
ersmithing	5		
llery	8	327,80	65,56
		468,10	58,51
L AVERAGE	13	795,90	61,22
AND CLOTHG			
making	4		
oring	7	263,40	65,85
		565,30	80,75
L AVERAGE	11	828,70	75,33
STRATION			
cuting	7		
strial Electronic	2		
L	9		
T.A L S	221	14.647,86	69,75

N O T E: Eleven competitors didn't participate, they retired for different causes.

CLASSIFICATION OF COUNTRIES BY BRANCHES OF PRODUCTION

BRANCHES	Competitors	Points	Per Cent
<u>MECHANIC</u>			
Japan	5	412,85	82,57
Italy	4	317,14	79,28
Switzerland	4	315,18	78,79
Holland	6	451,75	75,29
Germany	6	434,93	72,48
Spain	5	331,29	66,25
United Kingdom	6	383,61	63,93
Luxemburg	1	63,44	63,44
Ireland	5	316,94	63,38
Portugal	4	222,39	55,59
TOTALS	46	3.249,52	70,64
<u>METALLURGY</u>			
Japan	7	535,79	76,54
Holland	7	487,22	69,60
United Kingdom	6	413,33	68,88
Ireland	6	408,19	68,03
Switzerland	2	130,97	65,48
Germany	6	387,97	64,66
Portugal	6	386,97	64,34
Spain	7	449,68	64,24
Italy	4	221,97	55,49
Belgium	1	37,50	37,50
TOTALS	52	3.458,71	66,51
<u>ELECTRICITY</u>			
Switzerland	1	92,21	92,21
Japan	3	269,82	89,94
Italy	3	266,54	88,84
Holland	2	173,16	86,58
Ireland	2	170,63	85,31
Germany	3	253,38	84,46
Luxemburg	1	80,78	80,78
Spain	3	241,72	80,57
Belgium	3	240,11	80,03
United Kingdom	3	235,77	78,59
Portugal	3	153,07	76,53
TOTALS	27	2.177,19	80,63
<u>BUILDING</u>			
Holland	5	396,78	79,35
Switzerland	5	382,89	76,57
United Kingdom	5	377,69	75,53
Belgium	5	369,03	73,80
Germany	5	367,38	73,47

BRANCHES	Competitors	Points	Per Cent
Japan	1		
Italy	1	65,40	65,40
Ireland	4	62,39	62,39
Spain	5	240,13	60,03
TOTALS	36	224,35	56,33
		2.486,04	71,02

W O O D

Switzerland	3		
Japan	3	219,65	73,21
Ireland	3	213,70	71,23
United Kingdom	3	208,70	69,56
Spain	2	197,55	65,85
Holland	3	129,30	64,65
Germany	3	191,60	63,86
Luxemburg	1	190,15	63,38
Belgium	3	57,55	57,55
Italy	2	152,45	50,81
Portugal	1	91,15	45,57
TOTALS	27	S.C.	S.C.
		1.651,80	63,53

ART TESTS

Switzerland	2	180,05	90,02
United Kingdom	2	156,30	78,15
Germany	2	142,30	71,15
Spain	2	124,90	62,45
Holland	1	57,60	57,60
Italy	1	35,10	35,10
Ireland	2	70,15	35,07
Luxemburg	1	29,50	29,50
TOTALS	13	795,90	61,22

LEATHER & CLOTHING

Japan	1	93,50	93,50
Germany	2	164,65	82,32
Switzerland	1	81,30	81,30
Holland	2	160,80	80,40
Ireland	1	71,00	71,00
Spain	2	134,65	67,32
Belgium	2	122,80	61,40
TOTALS	11	828,70	75,33

GENERAL TOTALS	221	14.292,52	69,46
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GENERAL QUALIFICATION AND CORRESPONDING PER CENT
RATING IN EACH TRADE CONVOKED IN THE XVth
COMPETITION

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T R A D E S	COMPETITORS	TOTAL POINTS	PER CENT
1st.-House wiring	10	855,42	85,54
2nd.-Radio and TV repairing	7	579,71	82,81
3rd.-Tailoring	7	565,30	80,75
4th.-Foundry moulding	7	557,87	79,69
5th.-Stone cutting	6	458,47	76,41
6th.-Gas welding	8	608,91	76,11
7th.-Industrial wiring	10	742,06	74,20
8th.-Instrumentmaking	4	295,53	73,88
9th.-Painting	7	515,00	73,57
10th.-Fitting	10	735,03	73,50
11th.-Turning	8	591,05	73,05
12th.-Construct.steel work	8	584,05	73,00
13th.-Bricklaying	8	571,72	71,46
14th.-Press tool making	8	567,98	70,99
15th.-Sheet metal work	7	493,25	70,46
16th.-Plaster work	7	408,75	68,12
17th.-Engineering drawing	8	543,30	67,91
18th.-Plumbing	8	532,10	66,51
19th.-Shoe making	4	263,40	65,85
20th.-Silversmithing	5	327,80	65,56
21th.-Panel beating	6	389,00	64,83
22th.-Milling	8	516,63	64,57
23th.-Joinery	8	509,35	63,66
24th.-Carpebtry	8	508,20	63,52
25th.-Electric welding	8	482,44	60,30
26th.-Jewellery	8	468,10	58,51
27th.-Cabinet making	11	634,25	57,70
28th.-Wood patternmaking	8	343,19	42,89
29th.-Industrial electronic	2	-	-
30th.-Haircutting	7	-	-
T O T A L S	221	14.647,86	69,75

AVERAGE CLASSIFICATION BY BRANCHES

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BRANCHES	COMPETITORS	TOTAL POINTS	PER CENT
1st.- Electricity	27	2.177,19	80,63
2nd.- Load and cloting	11	828,70	75,33
3rd.- Building	36	2.486,04	71,02
4th.- Mechanic	46	3.249,52	70,64
5th.- Metallurgy	52	3.458,71	66,51
6th.- Wood	27	1.651,80	63,53
7th.- Art Tests	13	795,90	61,22
TOTALS	212	14.647,86	69,75

COMPARATIVE EXAMINATION OF COMPETITORS AND MEDAL RECEIVED BY
MEMBER COUNTRIES IN THE XIVth AND XVth COMPETITIONS.

(Gasgow - Utrecht)

COUNTRIES	Competi- tors		GOLD		SILVER		BRONZE		Mention of Honry		TOTALS			
	65	66	65	66	65	66	65	66	65	66	Medals		Mention	
											65	66	65	66
Germany	26	28	3	1	5	5	8	8	2	2	16	14	2	2
Belgium	17	16	1	1	2	2	1	1	2	-	4	4	2	-
Spain	26	26	4	2	5	-	1	1	1	4	10	3	1	4
Holland	16	30	3	5	-	4	4	4 5	2	-	7	14	2	-
Ireland	28	23	1	1	3	3	6	3	2	-	9	7	2	-
Italy	13	15	-	4	2	-	1	2	2	-	4	5	2	-
Japan	19	20	6	9	5	3	2	1	2	1	13	14	2	1
Luxemburg	-	4	-	-	-	-	-	-	-	1	-	-	-	1
Portugal	18	14	2	-	1	-	1	-	-	2	4	-	-	2
U.Kingdom	28	27	9	4	5	5	5	3	2	-	15	12	2	-
Switzerland	9	18	2	2	2	6	1	4	-	2	5	12	-	2
TOTALS	200	221	31	29	30	28	29	28	26	12	90	85	15	12

COMPARATIVE ANALYSIS OF THE FIRST CLASSIFICATION OF GOLD
MEDAL WINNERS OBTAINED IN THE COMPETITION XIVth AND XVth.

(Glasgow - Utrecht)

COUNTRIES	Gold Medal		Total Points		Per cent	
	1.965	1.966	1.965	1.966	1.965	1.966
Japan	6	9	805,98	737,04	89,55	81,89
Holland	3	5	232,23	410,25	77,41	82,05
Italy	-	4	-	366,29	-	91,57
U.Kingdom	9	4	805,98	347,50	89,55	86,87
Switzerland	2	2	170,00	180,05	85,00	90,02
Spain	4	2	338,98	168,80	84,74	84,40
Germany	3	1	260,07	95,60	86,69	95,60
Belgium	1	1	85,45	88,13	85,45	88,13
Ireland	1	1	92,99	76,30	92,99	76,30
Portugal	2	-	153,48	-	76,74	-
T O T A L S	31	29	2.664,98	2.469,96	85,96	85,17

COMPARATIVE ANALYSIS OF THE SECOND CLASSIFICATION OF SILVER MEDAL
WINNER IN THE COMPETITIONS XIVth AND XVth.

(Glasgow - Utrecht)

COUNTRIES	Silver Medal		Total points		Per cent	
	1.965	1.966	1.965	1.966	1.965	1.966
Switzerland	2	6	164,25	478,06	82,12	79,67
United Kingd.	5	5	369,03	399,58	73,80	79,91
Germany	5	5	408,41	369,01	81,68	73,80
Holland	-	4	-	330,80	-	82,70
Ireland	3	3	256,80	242,88	85,60	80,96
Japan	5	3	404,38	263,89	80,87	87,96
Belgium	2	2	143,70	162,43	71,85	81,21
Spain	5	-	406,10	-	81,22	-
Italy	2	-	160,32	-	80,16	-
Portugal	1	-	94,65	-	94,65	-
TOTALS	30	28	2.407,64	2.246,65	77,65	80,25

COMPARATIVE EXAMINATION OF THE THIRD CLASSIFICATION OF BROZE MEDAL WINNERS IN THE COMPETITIONS XIVth AND XVth.

(Glasgow - Utrecht)

COUNTRIES	Bronze Medal		Total points		Per cent	
	1.965	1.966	1.965	1.966	1.965	1.966
Germany	8	8	575,64	596,14	71,95	74,51
Holland	4	5	314,25	399,61	78,56	79,92
Switzerland	1	4	78,00	277,98	78,00	69,49
Ireland	6	3	428,67	240,07	71,44	80,02
United Kingd.	5	3	575,64	223,60	71,95	74,53
Japan	2	2	169,35	162,27	84,67	81,13
Belgium	1	1	69,95	74,30	69,95	74,30
Spain	1	1	88,40	68,95	88,40	68,95
Italy	-	1	-	82,87	-	82,87
Portugal	1	-	69,40	-	69,40	-
T O T A L S	29	28	2.134,66	2.125,79	73,60	75,74

COMPARATIVE ANALYSIS OF THE WINNERS OF HONRY MENTION IN THE
COMPETITIONS XIVth AND XVth.

(Glasgow - Utrecht)

COUNTRIES	Honry Mention		Total points		Per cent	
	1.965	1.966	1.965	1.966	1.965	1.966
Spain	1	4	70,95	327,40	70,95	81,85
Germany	2	2	152,35	238,46	76,17	79,48
Portugal	-	2	-	119,70	-	59,85
Switzerland	-	2	-	173,51	-	84,75
Japon	2	1	137,02	87,35	68,51	87,35
Luxemburg	-	1	-	81,50	-	81,50
Italy	2	-	158,35	-	79,17	-
Ireland	2	-	148,42	-	74,21	-
United King.	2	-	147,93	-	73,96	-
Holland	2	-	147,12	-	73,56	-
Belgium	2	-	140,98	-	70,49	-
T O T A L S	15	13	1.103,12	1.027,92	73,54	79,07

PARTICIPANTS TOTAL SCORE AND PERCENTIL RATING BY BRANCHES
IN THE XIV AND XV COMPETITION - (GLASGOW-UTRECHT).

Classification		Branches	Competi- tors.		Total marks		Per cent		W. Q.	
1.965	1.966		65	66	1.965	1.966	65	66	65	66
1st	1st	Electricity	27	27	2.061,99	2.177,19	76,37	80,63	-	1
2nd.	6th	Wood	34	27	2.332,73	1.651,80	68,60	63,53	1	1
3rd	7th	Art Tests	11	13	740,00	795,90	67,27	61,22	-	-
4th	3rd	Building	30	36	2.015,84	2.486,04	67,19	71,02	1	1
5th	5th	Metallurgy	45	52	2.933,61	3.458,71	65,19	69,75	2	-
6th	4th	Mechanic	53	46	3.208,35	3.249,52	60,53	70,64	5	-
-	2nd	Leam And Clotihc	—	11	—	828,70	—	75,33	-	-
TOTALS			200	212	13.292,52	14.647,86	66,4	669,75	9	3

CHRONOLOGICAL INDEX OF THE INTERNATIONAL APPRENTICE
COMPETITIONS AND HELDING PLACE

I st .	Competition	1950	Madrid	(Spain)	!
II nd .	"	1952	Madrid	(Spain)	!
III rd .	"	1953	Madrid	(Spain)	!
IV th .	"	1954	Madrid	(Spain)	!
V th .	"	1956	Madrid	(Spain)	!
VI th .	"	1957	Madrid	(Spain)	!
VII th .	"	1958	Bruxelles	(Belgium)	!
VIII th .	"	1959	Modena	(Italy)	!
IX th .	"	1960	Barcelona	(Spain)	!
X th .	"	1961	Duisburg	(Germany)	!
XI th .	"	1962	Gijon	(Spain)	!
XII th .	"	1963	Dublin	(Ireland)	!
XIII th .	"	1964	Lisbon	(Portugal)	!
XIV th .	"	1965	Glasgow	(U. Kingdom)	!
XV th .	"	1966	Utrecht	(Holland)	!

PARTICIPANTS BY COUNTRIES AND COMPETITIONS

COUNTRIES	1950	52	53	54	56	57	58	59	60	61	62	63	64	65	66	TOTALS
Germany	-	-	18	19	5	13	13	16	25	32	24	24	20	26	28	263
Austria	-	-	-	-	-	-	-	-	-	8	8	8	-	-	-	24
Belgium	-	-	-	2	11	25	25	19	20	19	18	15	19	17	16	205
Denmark	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	11
Spain	12	8	24	26	28	35	30	28	17	30	25	27	26	26	26	386
France	-	-	1	3	10	6	10	-	-	31	-	-	-	-	-	35
United Kingdom	-	-	1	-	7	12	20	23	31	31	26	31	23	28	27	267
Ireland	-	-	-	-	-	4	17	17	10	19	16	32	21	23	23	195
Italy	-	-	-	-	15	19	15	31	26	19	-	13	11	13	15	176
Holland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	81
Japan	-	-	-	-	-	-	-	-	-	-	3	14	14	16	30	73
Luxembourg	-	-	-	-	-	-	-	-	-	-	3	14	17	19	20	73
Morocco	-	-	9	15	-	-	4	4	-	8	-	9	6	-	4	35
Portugal	12	8	8	10	9	14	8	12	17	12	16	20	27	18	14	205
Switzerland	-	-	4	8	3	-	2	3	-	11	5	10	9	9	18	82
TOTALS	24	16	65	83	88	128	144	150	173	193	156	227	198	200	221	2,064

THE COUNCIL ACTS AND THE TECNIC COMMITTEE

The Organizing Council, The Tecnic Committee, and the General Secretary. Look foreward in every moment for the development of the Competition. During the celebration of the same, There are some Meetings held which Acts we reproduce as follows:

PRESIDENTS OF THE TECHNIC COMMITTEE DURING
THE CELEBRATION OF THE XV COMPETITION

Day 14th.....Netherland.

Day 15th.....Belgium.

Day 16th.....England.

Day 17th.....Ireland.

Day 18th.....Italy.

Day 20th.....Japan.

Day 21st.....Luxemburg.

Day 22nd.....Netherland.

Day 23rd.....Portugal.

Day 24th.....Spain.

Day 25th.....West-Germany.

Day 26th.....Switzerland.

MINUTES OF THE MEETING OF THE TECHNICAL COMMITTEE HELD
AT JULIANAHALL ON JUNE 16th 1966.

Chairman: Mr. ILEY, United Kingdom Technical Representative.

PRESENT

Mr. Vastiau The meeting was opened by the United Kingdom representative,
Mr. Ghedini Mr. Iley, who warmly welcomed all members of the Committee
Mr. Power and expressed personal satisfaction at having been chosen
Mr. Kioka to represent his country this year on the Technical Committee.
Mr. Raspe

Mr. Voerner. The Chairman then asked the Secretary to report to the Committee.
Mr. Palencia on the preparatory work for the Competition and on the points
Mr. Glosener that still remained to be cleared up.
Mr. Queiros

Mr. Hamer Mr. Albert started by reporting on the selection of competition
Mr. Moerkerk drawings by the technical subcommittees. Proposals received
Mr. Fraefel and tests selected were as follows:

SECRETARIES:

Mr. Albert Engineering Drawings: Proposals were received from Germany,
Mr. Capdepon Spain, Holland, Japan, Switzerland, and the United Kingdom.
The test selected was combined proposal by Germany, Holland,
and Switzerland.

Fitting: Belgium, Germany, Holland, Ireland, Italy, Japan, Spain and
the United Kingdom all submitted tests for this trade. The
test selected was proposed by Germany.

Turning: Proposals were submitted by Belgium, Germany, Holland, Ireland,
Italy, Japan, Spain and the United Kingdom. Belgium's propo-
sal was accepted.

Milling: Proposals were submitted by Germany, Ireland, Italy, Japan,
Spain and the United Kingdom. The test was selected and
proposed by Sapkin.

Press Tool Making: Tests were proposed by Germany, Holland, Ireland, Italy, Ja-
pan, Spain and the United Kingdom. Holland's proposal
was selected.

Instruments Making: Tests were proposed by Germany, Holland, and Switzerland.
Switzerland's proposal was selected.

Foundry Mouldings: Tests were proposed by Germany, Holland, Italy, Japan, Spain
and the United Kingdom. Holland's proposal was selected.

Constructional Steel Work: Tests were proposed by Germany, Holland, Ireland, Japan, Portugal, Spain and the United Kingdom. Holland's proposal was selected.

Gas Welding: Tests were proposed by Holland, Ireland, Japan, Portugal, Spain and the United Kingdom. Holland's proposal was selected.

Electric Welding: Tests were proposed by Germany, Holland, Ireland, Japan, Portugal, Spain and the United Kingdom. Holland's proposal was selected.

Panel Beating: Tests were proposed by Germany, Holland, Ireland, Japan, Spain and the United Kingdom. Spain's proposal was selected.

Sheet Metal Working: Tests were proposed by Japan, Spain and the United Kingdom. The United Kingdom's proposal was selected.

Industrial Wiring: Germany, Ireland, Italy, Japan, Spain and the United Kingdom submitted tests. Spain's proposal was selected.

House Wiring: Tests were proposed by Germany, Ireland, Portugal, and Spain. Ireland's proposal was selected.

Radio and TV Repairs: Germany, Luxemburg, and Portugal submitted tests. Germany's proposal was selected.

Stone Cutting: Tests were proposed by Belgium, Holland, Spain, Switzerland and the United Kingdom. Holland's proposal was selected.

Bricklaying: Tests were proposed by Germany, Ireland, Spain, Switzerland, and the United Kingdom. Switzerland's proposal was selected.

Plaster Work: Tests were proposed by Holland, Ireland, and the United Kingdom. Holland's proposal was selected.

Painting: Holland, Ireland, Spain and the United Kingdom submitted tests. Holland's proposal was selected.

Plumbing: Belgium, Holland, Ireland, Japan, and Spain with the United Kingdom submitted tests. A combined proposal by Belgium, Holland and Japan, was selected.

- Cabinet Making:** Tests were proposed by Germany, Holland, Ireland, and Japan, Spain and the United Kingdom. Holland's proposal was selected.
- Carpentry:** Tests were proposed by Germany, Ireland, Japan, Portugal and the United Kingdom. Germany's proposal was selected.
- Coinery:** Tests were proposed by Germany, Holland, Ireland, Japan, Spain Switzerland and the United Kingdom. Ireland's proposal was selected.
- Silversmithing:** Holland, Spain Switzerland, and the United Kingdom submitted tests. Switzerland's proposal was selected.
- Jewellery:** Italy, Spain, Switzerland, and the United Kingdom submitted tests. Italy's proposal was selected.
- Shoe Making:** Germany, Holland, and Spain submitted tests. A joint proposal by Germany and Spain was chosen.
- Tailoring:** Tests were proposed by Belgium, and Holland. Both were selected.

The Committee was then informed that the selection tests, marking schemes etc. had not yet been completed for Radio and TV repairing, Tailoring, Hairdressing and for the demonstration of Industrial Electronics. The representatives concerned, Mr. Raspe, Mr. Moorkerk, and Mr. Vastiau, started that the Committee would be informed at the next meeting of the arrangements made for tests in these trades.

The Committee then heard of the work of the Technical subcommittees in preparing marking schemes and setting time limits for the various workshop tests. The following were approved:

WATERS: Maximum time allowed:	28 hours
Marking Scheme	
Preparatory measurements.....	33
Secondary Measurements.....	15
Accuracy of angles and surface finish.....	20
Appearance.....	7
Quality of Fitting and Functioning.....	20
Time Factor.....	5
	100

ENGINEERING DRAUGHTSMEN: Maximum time allowed:	24 hours
Marking Scheme	
Elevation and Sections.....	15
Sketch of Model.....	15
Assembly drawing and details.....	65
Time Factor.....	5
	100

TURNERS: Maximum time allowed: 24 hours

Marking Scheme	
Fundamental Measurements.....	35
Secondary Measurements.....	20
Surface Finish.....	8
Parallelism and Excentricity.....	10
Taper and Threads.....	10
Fitting and Functioning.....	7
Time Factor.....	5
Use of Material.....	5
	100

MILLERS: Maximum time allowed: 26 hours

Marking Scheme	
Fundamental Measurements.....	33
Secondary Measurements.....	15
Fitting and Functioning.....	20
General Finish.....	7
Squareness and Parallelism.....	20
Time Factor.....	5
	100

PRESS TOOL MAKERS: Maximum time allowed: 28 hours

Marking Schemes	
Fundamental Measurements.....	33
Secondary Measurements.....	15
Fitting and Functioning.....	20
General Finish.....	7
Parallelism and angles.....	20
Time Factor.....	5
	100

INSTRUMENT MAKING: Maximum time allowed: 28 hours

Marking Scheme	
Fundamental Measurements.....	35
Secondary Measurements.....	10
Finish of Parts.....	15
Functioning.....	30
Use of Material.....	5
Time Factor.....	5
	100

WELDERS: Maximum time allowed: 20 hours

Marking Scheme	
Penetration.....	30
Undercutting.....	20
Fidelity to Drawing.....	15
Appearance.....	30
Use of Material.....	5
	100

CONSTRUCTIONAL STEEL WORKERS; Maximum time allowed: 25 hours.

Marking Scheme.	
Measurements.....	30
Welding.....	15
General Finish.....	10
Use of Material.....	5
Time Factor.....	5
Flame Cutting.....	10
Fitting.....	25
	100

ELECTRIC WELDERS: Maximum time allowed: 20 hours.

Marking Scheme	
Penetration.....	30
Undercutting..	20
Fidelity to Drawing..	15
Appearance.....	30
Use of Material.....	5
	100

PANEL BEATERS: Maximum time allowed: 24 hours.

Marking Scheme	
Measurements.....	20
Welding.....	10
Appearance.....	25
Use of Material.....	5
Time Factor.....	5
Beating and surface Finish.....	25
Symetry.....	10
	100

INDUSTRIAL WIRING; Maximum time allowed: 20 hours.

Marking Scheme	
Functioning.....	55
Technical Layout.....	5
Connection.....	10
Insulation and Protection.....	15
Fitting and Fixing.....	10
Use of Material.....	5
	100

STONE CUTTERS: Maximum time allowed: 22 hours

Marking Scheme	
Accuracy of template.....	20
Accuracy of Profile.....	25
Accuracy of measurements and angles.....	20
Surface finish and appearance.....	10
Use of Materials.....	5
Time.....	
	100

BRICKLAYERS: Maximum time allowed: 25 hours.	
Marking Scheme	
Vertical.....	10
Horizontal.....	10
Square.....	10
Measurements.....	10
Alignment.....	10
Accuracy and cutting curves.....	10
Capping.....	10
Uniform and clean joints.....	10
Fidelity to drawing.....	5
General appearance.....	5
Use of Material.....	5
Time Factor.....	5
	100

PLASTERERS: Maximum time allowed: 26 hours.	
Marking Scheme	
Undercoat.....	8
Setting Coat.....	8
Cornico.....	8
Nitros.....	8
Colum.....	8
Measurements.....	10
Accuracy of angles.....	10
Finish of arrises and internal angles.....	5
Enblom.....	10
Matt finish to background.....	5
Coloured Plaster.....	5
General Appearance.....	10
Time.....	5
	100

PAINTERS: Maximum time allowed: 26 hours.	
Marking Scheme	
Enlargement and accuracy in setting out.....	10
Formation of Letters.....	10
Colour Matching.....	5
Correct application of Material.....	5
Fininess of Lines.....	5
Correct rendering of completed scheme of decoration.....	30
Execution of lettering.....	30
Time.....	5
	100

PLUMBERS: Maximum time allowed: 23½ hours	
Marking Scheme	
Copper:	
Bonding.....	7
Dimensions.....	7
Capillary soldering.....	7
Fixing Collars.....	7
General Finish.....	6

LEAD:	
Bending.....	5
Bell-mouth soldering.....	6
Branch soldering.....	4
Dimensions.....	4
General Finish.....	4
P.V.C:	
Dimensions.....	4
Bending.....	3
Cold adhesive assembly.....	3
General Finish.....	3
Zinc:	
Dimensions.....	6
Assembly and Fitting.....	6
Soldering.....	6
General Finish.....	5
Total Marks:	95
Time Factor:	5
	100

CARPENTERS: Maximum time allowed: 26 hours.	
Marking Scheme.	
Drawing and Bevols.....	25
Fundamental Measurements.....	15
Secondary Measurements.....	10
Interior Joints.....	15
Exterior Joints.....	15
General Appearance.....	10
Materials.....	5
Time.....	5
	100

CABINET MARKERS: Maximum time allowed: 26 hours	
Marking Scheme.	
Drawings.....	10
Fundamental Measurements.....	15
Secondary Measurements.....	15
Internal Joints.....	15
External Joints.....	15
Surface and edges.....	10
General appearance.....	10
Use of material.....	5
Time.....	5
	100

JOINERS: Maximum time allowed: 24 hours.

Marking scheme	
Drawing.....	10
Fundamental measurements.....	15
Secondary measurements.....	15
External joints.....	15
Internal joints.....	15
Surface and edges.....	10
General appearance.....	10
Use of material.....	5
Time.....	5

100

WOOD PATTERN MAKERS: Maximum time allowed: 28 hours.

Marking scheme	
Fundamental measurements.....	30
Secondary measurements.....	15
Drawing.....	10
Surfaces, ribs, taper, roundness.....	30
Corobox confirm with pattern.....	10
Use of material.....	5

100

HOUSE WIRERS: Maximum time allowed: 20 hours

Marking scheme	
Functioning.....	55
Technical Layout.....	5
Connections.....	10
Insulation and protection.....	15
Fitting and fixing.....	10
Use of material.....	5

100

SHEET METAL WORKERS: Maximum time allowed: 25 hours.

Marking scheme	
Measurements.....	15
Welding.....	10
General Finish.....	15
Use of material.....	5
Time.....	5
Development.....	25
Riveting.....	5
Wired edge.....	5
Self-secured joint.....	10
Fitting.....	

100

RADIO AND TV REPAIRERS: Maximum time allowed: 24 hours.

Marking scheme	
Test No. 1.....	35
Test No. 2.....	15
Test No. 3.....	15

RADIO AND TV REPAIRERS (Cont.)

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Test No. 4.....	15
Test No. 5.....	15
Time	5
	100

FOUNDRY MOULDERS: Maximum time allowed: 22 hours

Marking scheme.	
Inspection Mould & Cores	
Technical precision.....	20
Finish.....	10

CASTING:

Finish of casting.....	50
Use of material.....	15
Time.....	5
	100

JEWELLERS: Maximum time allowed: 24 hours.

Marking scheme	
Interpretation of design.....	12
Accuracy of measurements.....	8
Quality of soldering.....	15
Form.....	20
Finish (appearance).....	15
Sawing.....	20
Economy of material.....	5
Time.....	5
	100

SILVERSMITHS: Maximum time allowed: 24 hours

Marking scheme	
Interpretation of design.....	10
Details of construction. (method).....	15
Use of hammer.....	15
Quality of soldering.....	20
Accuracy of Measurements.....	10
Unpolished finish.....	20
Economy of Material.....	5
Time.....	5
	100

SHOE MAKERS: Maximum time allowed 25 hours

The marking scheme will be explained to contestants before they start their work.

The secretary then proposed that the Technical Committee should examine and come to specific agreements with regard to the following points: (a) Definition of trades, (b) System to be used in awarding prizes, (c) Technical instructions to competitors, and (d) Considerations concerning application of the maximum time allowed.

DEFINITION OF TRADES:

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The Secretary informed the Technical Committee that the Organizing Committee, at its meeting in October 1965, had decided that the Secretariat should draft a list of definitions for trades used in our Competition. The definitions were to be drawn up in accordance with I.L.O. nomenclature but adapted to the particular procedure and purposes of our competition. The definitions were sent to the various national committees within the time limit set by the Council because of difficulties experienced in translating technical terms pertaining to the trades concerned. There were many ways of interpreting the various terms, and proposals had been received from a number of delegations so it was difficult to know which definitions to adopt. The Secretary stated that the definitions were at the Committee's disposal, even though they were still awaiting translation which he hoped would be done within the next few days.

He called for the help and cooperation of the technical experts in applying the correct technical terms in the appropriate languages, and expressed the hope that errors would be done with the greatest care.

Proposed definitions had been received from the United Kingdom and Italian representatives who had made a particularly valuable and useful contribution to the work on hand. The United Kingdom and Italian delegations did not however agree with the form of the criteria agreed upon last October by the Council.

There followed a discussion in which Mr. Hamer, Mr. Palencia and Mr. Iley expressed their views on the matter. Finally it was decided that the Secretariat should be responsible for the translation of the definitions which would then be referred to the Committee for examination. A sub-committee would be appointed to draft the final definitions.

Referring to Instruments Making, the Chairman stressed the difficulties of making a concrete definition at international level and asked that the definition of this trade be studied very carefully. Mr. Woerner, Mr. Vastiau, Mr. Moerkork, Mr. Power, Mr. Raspo and Mr. Albert all concurred as to the difficulties of finding a correct interpretation that renders the exact significance of this trade in our Competition. As a result of this exchange of views it was decided that this year's workshop test in Instruments Making should serve as experienced and as guidance for definition of the trade in future Competitions.

CRITERIA WITH REGARD TO AWARDS:.....:

Committee members were asked to consider whether or not it was necessary to fix specific criteria as to the number of prizes to be awarded in our competitions. Although definite rules had been fixed during previous competitions, these had never been put into effect because of amendments made by the Council.

Mr. Palencia, Mr. Woerner, Mr. Moerkork, Mr. Power, Mr. Raspo, Mr. Iley, and Mr. Albert expressed their views, and having examined each of their considerations the Committee decided to submit the following proposals to the Council.

- 1) That only three prizes be awarded, namely: A Gold Medal, Silver Medal, and Bronze Medal, without any exception.
- 2) That if the Juries, deem fit they may propose to the Technical Committee who in its turn will refer the matter to the Council, that one or more of the above prizes should not be awarded if the quality of the work is such that it merits no award.

(Cont.)

3) That the Juries may, in exceptional cases of special merit, propose to the Technical Committee that distinctions in the form a diploma or certificate be awarded to competitors who have done exceptional work.

TECHNICAL INSTRUCTIONS-COMPETITORS...

The Secretary suggested that in the light of experience gained from previous Competitions, it might be useful to provide contestants with technical instructions on the use of tools and equipment, giving details of the procedure to be followed for various operations carried out in the workshop tests, and stating which tools are prohibited. This would make it easier for the juries to make a fairer assessment and would avoid difficulties arising out of any unforeseen contingencies.

The Committee agreed that each sub-committee should draft such instructions and hand them to the Secretariat before the start of the Competition for translation to the appropriate languages.

Maximum time allowed for tests. The Secretary informed the Committee that it had been decided at the October 1965 meeting at the suggestion of the Dutch delegation, to fix the maximum time for the tests at 28 hours, to be extended to 32 hours in special cases. This increase of extension represented approximately 15% of the 28 hour time limit. The Secretary pointed out that if the time allowed by the Juries was less than 28 hours, a rule should be made as to the granting of an extension to competitors not finishing their work within the prescribed time.

The Secretary's proposal was carefully examined, and after hearing views from Mr. Illey, Mr. Moerkork, Mr. Vastiau, Mr. Palencia, Mr. Power, Mr. Koerner and Mr. Fraefel, The Committee agreed that in cases where competitors had not completed their work, within the time prescribed by the Technical sub-committees, they could be given an extension of up to 15% of the original time limit on condition such extension was referred to the Technical Committee for approval.

Since there was no further business, the Chairman adjourned the meeting, ordering the drafting of these Minutes which I, as Secretary, Certify.

MINUTES OF THE MEETING OF THE TECHNICAL COMMITTEE OF THE
XV INTERNATIONAL APRENTICES COMPETITION, HELD IN
JULIANA HALL ON JUNE 18TH 1966. CHAIRMAN: THE
TECHNICAL REPRESENTATIVE OF ITALY.

PRESENT:

Mr. Moerkerk
Mr. Fraefel
Mr. Glosener
Mr. Palencia
Mr. Kioka
Mr. Power
Mr. Vastiau
Mr. Quiroz
Mr. Woerner
Mr. Hamer
Mr. Iley.

The Chairman welcomed members of the Committee and stated that the Secretary would report on a number of urgent matters concerning the organization of the Competition that had not yet been settled.

The most important points to be studied at the meeting, said the Secretary, were the sub-committee's reports on the selections of tests, time allowed for tests, and technical instructions for competitors. Members agreed that these questions should be included on the Agenda.

SECRETARIES:

Mr. Albert
Mr. Capdepon

Reports by Chairmen of Sub-Committees on selection of Exercises. Mr. Ghedini reported on the selection of tests for Engineering, Drawing, Fitting and Press Tool Making, giving details of how the tests were chosen what changes were made to the original drawings, etc, The Committee raised no objection to the decisions made by this Sub-Committee.

It was then Mr. Palencia's turn to report on Turning, Instruments, Making, and Milling. Members agreed on tests for the first two trades, but Mr. Vastiau and Mr. Woerner felt that the exercise chosen for milling was too simple for a competition at international level. In reply, Mr. Palencia argued that both he and another experts in the Sub-Committee considered that the test presented quite a number of difficulties, particularly since it consisted of fitting five pieces four of which had to be identical and were to be fitted in different positions. In view of the tricky nature of this, it was agreed that competitors should not have to make any calculations. However, Mr. Hamer suggested that to make up for this discrepancy it might be good thing to comply with the request of Messrs. Vastiau, and Woerner and ask the Sub-Committee to propose another more difficult test to be added to the one already submitted.

The Committee approved Mr. Hamer's proposal and it was therefore decided that competitors would do a second test to be submitted to the Technical Committee by the Sub-Committee as soon as possible.

Mr. Kioka then informed the Committee on the work of his Sub-Committee for Foundry Moulding and Wood-pattern making. No objections were raised and full approval was given to the work done by that Sub-Committee.

The next person to speak was Mr. Quiroz, Chairman of the Sub-Committee for Constructional Steel work, Panel Beating and Sheet Metal Working. He explained that in Constructional Steel Work that they had replaced continuous Welding by alternative types of welding in order to make the work easier for competitors. Mr. Vastiau enquired about the metal to be used for panel beating, and was told that it would be 1 millimetre thick and that the sheets for sheet metal working would be between one and two millimetres thick.

Mr. Woernor, Chairman of the Sub-Committee for Gas and Electric Welding, reported on the process of selection and details of how the tests would be carried out. The exercises were very complete, entailing various types of materials and also a number of different working positions. Mr. Miro asked for an explanation about the Council's decision taken at its meeting held last October with regard to the tests : to which the exercises were to be submitted, the question of whether competitors should bring their own electrodes and welding rods and whether they should be allowed to use their own electrode holders and blow-pipes etc. The Committee agreed as follows:

- 1) That Competitors may use their own electrodes and other materials brought with them, for both gas and electric welding.
- 2) That a proposal should be submitted to Council with a view to modifying the types of tests to which the welding exercises were submitted , since those agreed upon in October were not suitable for this year's exercises.
- 3) That competitors should not be allowed to use their own electrode holders or blow-pipes, but must work with those supplied by the Dutch National Committee.

The Secretary then got up to say that Mr. Raspe , Chairman of the Sub-Committee on Electricity and Radio & TV, had been obliged to leave Utrecht. He asked Mr. Lassens and Mr. Nispol to report to the Committee on tests for those trades. Mr. Lassens reported on Radio and TV and his proposals were accepted without amendment. Mr. Queiroz raised up a point about trouble that might occur during the TV tests, because of possible interference from the electric welding since the same power supply was used for the whole building. To avoid such interference it might be wise to transfer the radio and TV workshop examined after which Mr. Hamer stated that if any trouble did arise the Netherlands National Committee would take the necessary steps to see that the radio and TV test was performed under the present workshop would be transferred to other premises.

Mr. Nispol reported on Industrial Wiring and House Wiring. No objections were raised as to House Wiring, but for Industrial Wiring Mr. Vastiau reminded members of the Council 's decision last October that competitors should do a compulsory test in plastic bending. After considering the proposal carefully, it was decided that competitors should do an exercise in the bending of plastic tubes.

Mr. Queiroz also proposed that competitors should be given an explanation of the meaning of electrical symbols shown on the drawings, in order to avoid confusion, since symbols varied greatly from one country to another. Mr. Nispol promised to draft a list of electrical symbols with the corresponding, explanation.

Mr. Vastiau then took the floor to report on Stone Cutting, Brick-laying and Plasterwork. No objections were raised, as for Tailoring he explained that the test would consist of making a man's jacket and that the experts would give full details of this test on Monday.

Mr. Moerkork Chairman of the Sub-Committee for Painting and Plumbing gave details of the proposed tests for these trades. No objections were raised. As far as Shoe-making was concerned Committee members were informed that the test would consist of four exercises entailing the making and repairing of men's and women's shoes.

Mr. Power, and Mr. Fraefel, Chairmen of the Sub-Committees for Carpentry and Joinery and Cabinet Making respectively presented their report on these tests chosen. No objections were raised.

The Secretary informed the Committee that Mr. Iley, Chairman of the Sub-Committee on Jewellery and Silversmithing had unfortunately become ill and had therefore been obliged to abandon the meeting. Mr. Loosli, the expert from Switzerland reported on the work of the Sub-Committee on Mr. Iley's behalf. No objections were raised.

Technical instructions for certain tests
Having heard reports from Mr. Palencia, Mr. Ghodini, Mr. Serrano, and Mr. Loosli, the Committee agreed as follows:

That Competitors in Turning Milling and Instrument Making should not be allowed to use files, sandpaper, emery paper or any other object likely to modify the finish of the test pieces as they come out of the tooling machines. If for any reason there should remain burrs or other defects, competitors may only eliminate them with the permission of the work-shop chief or expert concerned. If any of the afore-mentioned tools should be needed to give a correct finish to precision instruments, competitors must first ask permission for their use.

That competitors in Fitting and Press tool making should not be allowed to use files, emery paper nor other instrument or polishing device likely to change the finish of the piece as it comes out of the tooling machine. Burrs or other defects may only be removed after permission has been given to do so by the workshop chief concerned.

That a full size-drawing of the exercises on the metal sheet would be compulsory for competitors on panel beating. Sandpapering or filing of parts worked with a hammer would not be allowed.

That competitors in sheet metal working should do the compulsory exercise of drawing out on the metal sheet during the afternoon of the 50th so that this part of the test could be judged before commencement of the work proper. Any amendments made subsequent to the preliminary drawing would not be taken into account in the final judging.

That competitors in Silversmithing should not be allowed to polish the piece either with sandpaper or emery paper.

That jewellery competitors should be reminded that although the piece may be rubbed with fine emery paper, it may not be polished.

MARKING SCHEMES AND MAXIMUM TIMES.

The Secretary read out the marking schemes and maximum times fixed by the juries as contained in the Minutes of the previous meeting. No objections were raised and the minutes were thus adopted.

Since there was no further bussiness, the Chairman adjoured the meeting ordering the drafting of these minutes which I as secretary certify.

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MINUTES OF THE MEETING OF THE ORGANIZING COMMITTEE HELD IN
JULIANS HALL ON JUNE 20TH 1966, UNDER THE CHAIRMANSHIP
OF Mr. EUGENIO LOPEZ, INTERNATIONAL PRESIDENT.

Present

Mr. Moorkerk
Mr. Gosh
Mr. Palencia
Mr. Glosener
Mr. Muller
Mr. Fraofel
Mr. Molagodi
Mr. Ghodini
Mr. Queiroz
Mr. Ferreira
Mr. Illoy
Mr. Hill
Mr. Kicks
Mr. Terauchi
Mr. Power
Mr. O'Flanagan
Mr. Vastiau
Mr. Vlaemmink
Mr. Trip
Mr. Ramos

The Chairman opened the meeting with words of welcome to all the Council members. He suggested that a telegram of thanks and appreciation for all the help and cooperation given to the International Council and competitors of the XV Competition be sent on behalf of the Council to Her Majesty the Queen of the Netherlands and the Prime Minister. He hoped the Dutch National Committee would see to this.

The Chairman then gave the floor to the Secretary asking him to report on arrangements made by the Secretariat for this year's Competition.
Mr. Albert reported as follows:

The number of participants in the XVth International Apprentice Competition totalled 222, of which 213 were actually competing and the remaining 7 were taking part in demonstrations of Hairdressing and Industrial Electronics. Women were taking part in the Competition for the first time and this year there were four girls Competitors.

SECRETARIES

Mr. Albert
Mr. Capdepon

The Technical Committee and experts represented a total of 12 Technical Representatives and 48 experts. To these numbers had to be added a further 27 workshop Chiefs.

The following list gives the number of tests submitted by each country, together with a number of tests selected by the technical sub-committees. 143 exercises were submitted in all,

<u>COUNTRIES</u>	<u>PROPOSALS</u>	<u>No. of tests selected</u>
Belgium	5	3
Germany	16	5
Holland	20	13
Ireland	17	2
Italy	7	1
Japan	16	1
Luxembourg	1	-
Portugal	6	-
Spain	22	4
Switzerland	9	4
United Kingdom	22	1

Continuing his report, Mr. Albert stated that equipment machinery and tools etc. provided for the tests were in perfect condition and working order. The Netherlands National Committee should be congratulated for all the arrangements made in this respect.

The Council adopted the proposals of the Technical Committee, as contained in the minutes of the meeting held on June 16th with regard to marking schemes and maximum times allowed for the various tests.

The Secretary further informed the Council that the Technical Committee had held two meetings the debates of which were recorded in the Minutes of June 16th and 18th.

AWARDS TO COMPETITORS

During a discussion on the Technical Committee's decision about awarding medals to Competitors Mr. Malagodi asked what prizes should be awarded in the unlikely but possible event of two competitors obtaining identical marks for the same trade. After hearing the views of Mr. Palencia, Mr. O'Flanagan, and Mr. Mullor, it was decided to act in accordance with the recommendation contained in the minutes of June 16th but that the following rider should be added: Distinctions may only be awarded to competitors who have not obtained a medal. In the event of two competitors in the same trade obtaining identical marks entitling them to an award, a special jury shall be set up composed of experts in the appropriate subject who shall not be of the same nationality as the competitors concerned. Such special jury shall review the marking very carefully and shall decide which of the competitors deserves the appropriate award.

After the Secretary's report, the Chairman put to the Council the Irish delegation's request that two of their boys who were national Champion and had been awarded a gold medal in Dublin should be allowed to take part in this year's Competition.

Mr. Coch, Mr. Hill and Mr. Laman Trip were in favour of allowing the boys to participate, and Mr. Malagodi agreed provided that they had been proclaimed champions in Dublin in Category "B" and not in category "U". Mr. Palencia was of the same view. Mr. Dias Ferreira expressed regret that certain apprentices who had won gold medals at previous international competitions had had to be eliminated from his country's national championships prior to selection for this year's Competition, just because he had interpreted to the letter the Council's decision taken in October. The Chairman then asked whether he might interpret other Council members' silence in the debate as assent for the Irish delegation's request. This being the case, the Council agreed that as a special exception the two Irish candidates who had won gold medals in Category "B" as junior might take part in this year's XVth International Competition in Utrecht. Under no circumstances however could this be considered as a precedent for future competitions and henceforth no champions of whatever category whether "A" "B" or "U", would be allowed to take part. The decision was irrevocable and must be interpreted as so. The Council approved it unanimously.

The meeting was resumed at 3.30 o'clock in the afternoon. The Chairman gave the floor to Mr. Albert who reported that the Secretariat had received a request from Messrs. Palencia Ghodini and Woerner and the experts from the sub-Committee on Mechanical trades, with regard to the Milling exercises. It appeared that Competitors did not have the necessary tools for the test and the Dutch organizers could not supply same for another 24 or 48 hours which meant that competitors would not be able to complete the exercises on time. It was suggested that the test should be replaced by another one, namely that proposed by Holland, and that the time limit should be fixed at 22 hours. The Committee approved the decision unanimously.

The chairman proposed the following agenda, which was approved unanimously.

- 1) APPROVAL OF THE MINUTES OF THE ANNUAL MEETING OF THE ORGANIZING COUNCIL HELD IN MADRID ON 22nd OF OCTOBER 1965. THESE MINUTES WERE APPROVED UNANIMOUSLY.
- 2) Maximum and minimum age for the 1967 Competition. Mr. Fraefel felt that application of the Council's resolution limiting the maximum age 20 should be postponed still a later date, since it would be difficult if not impossible for Switzerland to participate; he asked for the maximum age to be fixed at 22. There followed a discussion in which Messrs. Hill, Malagodi, Fraefel, Vastiau, and Ramos took part. It was finally agreed to fall in line with the recommendation made in Glasgow last year and ratified in October fixing the maximum age for the 1967 and future Competition at 20 years with no minimum age limit.
- 3) Final choice of Competition emblem.
The general Secretary handed each member two samples of the emblem proposed during the Glasgow Competition and approved at the October meeting in Madrid. One sample had been modified in accordance with the Swiss suggestion the only modification proposed. The emblem in colour which had already been sent out to members was then approved unanimously.
- 4) Dates of October 1966 meeting.
After Mr. Ramos had suggested various dates for this meeting, it was decided that it should be held on the 6th 7th and 8th of October.
- 5) Venue of next International Competition.
Mr. Ramos announced that the next Competition could be held in Madrid if the Council had no objection. The Chairman asked the Council for authorization to make the necessary enquires and arrangements in Madrid within the next few days in order to be able to confirm the offer. Mr. Malagodi and Mr. Hill both expressed their gratitude to the Spanish delegation and were joined by the rest of the Council member who authorized the Chairman to take the necessary steps.
- 6) Report on President's visit to Japan.
Repeating what he had said in his report which had already been circulated to all delegations, the president expressed his gratitude at the warm welcome he had been given in Japan as the President of the International Council. He wished to place on record his own thanks and the appreciation of the whole Council at the warm and cordial welcome given him by the authorities and particularly by Mr. Terauchi and the Japanese National Committee. It was thus agreed unanimously.

Other business. The president informed members that he and the first and second Vice-president of the Council had had a meeting with the South Korean delegates to establish a number of points with regard to the possibility of their country taking part in the Competition. He asked that the decision be postponed until the 27th of this month so that all delegations would have time to consider the matter and formulate observations.

Mr. Laman Trip regretted that Sweden had not been able to take part in the Competition as planned because of last minute setbacks. He moved that a small committee be set up in October to visit the Scandinavian countries and Austria with a view to persuading those countries to join in the Competition. The Chairman and Council members agreed with the proposal but Mr. Lopez suggested that such a committee might set up after members of the Council had discussed the matter and proposed that the question be brought up at the meeting to be held on the 27th.

The Chairman asked the Council to approve the award of three plaques for the three countries in which the Competition was taking place. He suggested that a further plaque be given to the President of the Netherland National Committee. Mr. Laman Trip also first Vice-president of the Council. Lastly, he moved that the Competition diploma of Honour be awarded to Mr. Emerson in appreciation for his services as technical representative of the United Kingdom. It was thus agreed.

Mr. Woerner then showed Council Members the additional bonding test for Industrial wiring for which a maximum of two hours had been allowed. This was in accordance with the decision taken at the meeting of June 18th and placed on record in the Minutes of that meeting.

Lastly, Mr. Iley stated that jewellery and silversmithing competitors would not be able to start work until the next day because some difficulties had arisen with material and equipment.

The Chairman then took leave of the Council until June 27th next when meetings would be resumed.

Since there was no further business, the Chairman adjourned the meeting ordering the drafting of these minutes which I as Secretary certify.

MEETING ACT OF THE ORGANIZING COUNCIL OF THE INTERNATIONAL
COMPETITION OF PROFESSIONAL FORMATION HELD AT THE JULIANA
HALL IN UTRCHT (HOLLAND) ON THE 27th OF JUNE 1966
PRESIDED BY Mr. LAMAN TRIP, VICE-PRESIDENT OF THE
COUNCIL AND PRESIDENT OF THE NATIONAL
DUCTH COMMITTEE.

ASSISTING MEMBERS

Mr. Ramos
Mr. Woerner
Mr. Raspo
Mr. Palencia
Mr. Dias Ferreira
Mr. Moerkork
Mr. Glosener
Mr. Muller
Mr. Fraefel
Mr. Malagodi
Mr. Ghedini
Mr. Kioka
Mr. Torauchi
Mr. O'Flanagan
Mr. Vlaonink
Mr. Hamor
Mr. Iloy
Mr. Hill
Mr. Power
Mr. Vastiau

Mr. Laman Trip excuses Mr. Lopez for not presiding this meeting but very important business have been the reason for not being able to travel in the foresoon time. The president submits to the Council's consideration the day program we hear after shall indicate as it has been unanimously accepted.

1ST APPROVAL OF THE MEETING ACTS, 16th, 18th, 20th.

It is approved unanimously with only one indication that has to be proved in the 20th act, the name of Mr. Woerner that has been omitted in between assistants.

2ND REPORT OF THE TECHNICAL COMMITTEE ON QUALIFICATIONS AND PREMIA OF THIS XV COMPETITION

The president gives the word to the secretary so that he, in the name of the tecnic committee may inform about the required subjects. Mr. Albert, relates by specialities the qualifications and prizes which will be named in the enclosed list of this act. All of them have been approved without any objections from the Council except for the following ones which are the reason for the debate with the final results, as given in said enclosed document.

SECRETARY

Mr. Albert
Mr. Capdepon

WOOD PATTERN MAKING: By the intervention of Mossrs. Woerner, Mr. Albert, Mr. Queiroz, and Mr. Kioka.

FOUNDRY MOULDING: Intervention of Mr. Kioka, Mr. Queiroz.

CONSTRUCTIONAL STEEL WORK: Mr. Queiroz, and Mr. Woerner.

PANEL BEATING: Mr. Queiroz, Mr. Albert, and Mr Torauchi.

INDUSTRIAL WIRING: Mr. Raspo.

HOUSE WIRING: Mr. Raspo Mr, Queiroz, Mr. Dias Ferreira, Mr. Woerner Laman Trip, Palencia, Malagodi, and Iloy.

RADIO AND TV REPAIRERS: Mossrs. Kioka, Laman Trip. Vastiau, Raspo, and Hill.

STONE CUTTING: Mossrs Iloy, Hill, Vastiau, Raspo, Muller, Laman, Trip, and O'Flanagan.

CABINET MAKING: Mr. Queiroz

Finally there is agreed that, for the specialities sot for demonstration Hair-dressing and Industrial Electronics a honorary qualification is granted to all the participants.

3rd. COMMISSIONS TO BE NAMED FOR VISITING THE SCAN!

DINAVIAN COUNTRIES, AUSTRIA AND KOREA.

Mr. Laman Trip, remembers his proposal about naming some reduce commissions formed by members of the organizing council, to visit said countries and try to corporate them in our activity.

However Mr. Laman Trip, suggests that the visit to Korea should be left to after October's meeting in view of the Korean Committee's letter in which they ask for their inclusion in the competitions. It is approved so.

It proceed to name the counsellors which will form the commission to visit the Scandinavian Countries and Austris after the intervention of Messrs. Hill, Ramos, O'Flanagan, and Vastiau. it gets constituted as follows.

Mr. Laman Trip: Representative for Holland
 Mr. Coch: Official representative of Germany
 Mr. Vastiau: Technical representative of Belgium,
 A representative of the General Secretary.

4TH COMPETITION BADGES AWARDED TO THE CELEBRATED ENTITIES OF THIS INTERNATIONAL XV COMPETITION.

Mr. Ramos proposes to the Council to approve for the Competition Badge Award to the Centros of Juliana Hall Evert Kuperoord Catholic Boarding House of St. Luis for their inestimable co-operation in this competition and another badge for the Ducht National Committee to their President Mr. Laman Trip, for his exceptional organizing work and setting of the XV International Competition, Mr. Ramos asks as well that in the act be clearly shown the greatfulness of the council for all the courtesies received from the Ducht Committee. The Council unanimously approves of this suggestion and addresses heartly applauses to all the mentioned entities and persons.

Mr. Kicka asks as well that in the act must be shown the Council's greatfulness for the good work developped by the experts and work-shop masters and his own personal one for the courtesies granted to the Japanese competitor in the adjustment speciality that suffered a little accident.

5TH PLACE IN WHICH THE XV INTERNATIONAL COMPETITION OF PROFESSIONAL FORMATION TOOK PLACE.

Mr. Ramos asks that the present act shall not close before Mr Lopez confirms that the next competition will provably be held in Spain and thanks the Council for their approval about being this the organizing country of the next Competition. Afterwards Mr. Lopez in the closing ceremony officially confirmed the Spanish Candidacy for celebrating the XV Competition in Spain.

6TH : OCTOBER MEETING

Mr. Ramos reads a communication addressed to the official representatives and technicians and the secretaries of the National Committees referring to the preceptive yearly october meeting which will be held in March during the days 6th, 7th, and 8th of said month. The details pointed out in said communication are unanimously approved.

Finally Mr. Ramos suggested that the Council may forward thanks and respect telegrams to H. M. the Queen of Holland, the Prince Klaus and the Ministers for their presence during the development of the Competition and their support through the Ducht National Committee. It is unanimously approved so.

By the president the session is finish and orders that the present act is drawn which I certify as Secretary.
 The act of the Meeting Council celebrated at the JULIANA HALL on the 27th of June, 1966.

QUALIFICATIONS

Concluded the work for the Competitors, There is marked conventionously as the marks are given and go to the qualification.

This last one occupies many hours and work, as it is organized concept by concept and by all the members of the Teonic Comission. which is in charge of the different groups of specialities. From the settlement of the realization to the punctuable concept. The saving of the material and the time will appear the total points which qualifies the Competitors.

PUNCTUATIONS OBTAINED BY THE COMPETITORS IN EACH ONE OF THE SPECIALITIES CONVOKED IN THE XV INTERNATIONAL COMPETITION OF PROFESSIONAL FORMATION WITH THE EXPRESSION OF THE BADGES AND DISTINCTIONS THAT WERE GIVEN.

ENGINEERING

L. Bosozzi	Italy	92,65	1st Gold Medal
B. Waldo	Switzerland	81,10	2nd Silver Medal
H. Horold	Germany	78,20	3rd Bronze Medal
K. Ushimi	Japan	66,30	4th
A. Troncoso	Spain	66,05	5th
R.A. Midgloy	United Kingdom	62,45	6th
M. Mulla	Ireland	48,45	7th
E. Gildomeester	Holland	48,10	8th

FITTING

K. Hayakama	Japan	94,66	1st Gold Medal
A.W. Damon	Holland	85,95	2nd Silver medal
L. Ferrari	Italy	82,87	3rd Bronze Medal
E. Schneider	Switzerland	78,19	4th
P. Martin	Spain	73,21	5th
E. Deutzer	Germany	70,68	6th
J. Soares Vieira	Portugal	64,63	7th
J.P. Wilmes	Luxemburg	63,64	8th
R.L. Hunter	United Kingdom	61,58	9th
R. Harrington	Ireland	59,87	10th

TURNING

S.L. Miskolly	United Kingdom	85,88	1st Gold Medal
K. Yoshida	Japan	85,39	2nd Silver Medal
M.T. Poeters	Holland	83,68	3rd Bronze Medal
F. Porabo	Italy	79,06	4th
W. Vanschoidt	Germany	70,55	5th
S. Grohan	Ireland	69,38	6th
J. Matos de Graca	Portugal	61,68	7th
A. Perez	Spain	55,23	8th

MILLING

H. Nakamura	Japan	75,88	1st Gold Medal
A. Vorstenbosch	Holland	72,20	2nd Silver Medal
H. Hiki	Germany	69,13	3rd Bronze Medal
R. Montsorrat	Spain	65,26	4th
O. Silliçadi	Italy	62,65	5th
F. Garvalho	Portugal	59,18	6th
R.W. Stafford	Ireland	57,53	7th
T.G. Butcher	United Kingdom	54,89	8th

PRESS TOOL MAKING

K. Nakazawa	Japan	90,62	1st Gold Medal
H.P. Simnatis	Germany	85,47	2nd Silver Medal

J.J. O'Flynn	Ireland	81,71	3rd Bronze Medal
T.G.M. Van Huut	Holland	77,77	4th
A. Koller	Switzerland	74,46	5th
V. Marco	Spain	71,54	6th
A.J. Lester	United Kingdom	49,71	7th
J. Pires Antunes	Portugal	36,70	8th

J.J. C. Buelons	Holland	84,05	1st Gold Medal
B. Crotton	Switzerland	81,43	2nd Silver Medal
A. Phillips	United Kingdom	69,10	3rd Bronze Medal
E. Steinmetz	Germany	60,95	4th

BOUNDARY MOULDING

M. Barbieri	Italy	85,48	1st Gold Medal
M. Barrot	United Kingdom	81,40	2nd Silver Medal
L. Cuning	Ireland	80,65	3rd Bronze Medal
J.E. Irijalba	Spain	79,92	4th Honour Mention
F. Rodriguez de Passos	Portugal	78,20	5th
G.H.P. Nellon	Holland	77,14	6th
S. Ozana	Japan	75,08	7th

WOOD PATTERN MAKING

K. Wadai	Japan	54,73	1st Gold Medal
H. Liebert	Germany	52,51	2nd Silver Medal
K. Siegrist	Switzerland	51,47	3rd Bronze Medal
C. Sousa de Anaida	Portugal	48,90	4th Honour Mention
M. Borsari	Italy	44,06	5th
R.V.D. Voldo	Holland	38,74	6th
J. Alzola	Spain	26,67	7th
R.J. Newton	United Kingdom	26,11	8th

CONSTRUCTIONAL STEEL WORK

K. Sano	Japan	81,50	1st Gold Medal
W. Bruni	Switzerland	79,50	2nd Silver Medal
J.G. Eijs	Holland	78,55	3rd Bronze Medal
J.A. Jimenez	Spain	74,80	4th Honour Mention
B. Klochner	Germany	71,00	5th Honour Mention
A. Rito Ferreira	Portugal	70,80	6th Honour Mention
M.A. Chambers	United Kingdom	65,85	7th
C. Handloy	Ireland	62,05	8th

GAS WELDING

M.M. Howgate	United Kingdom	88,71	1st Gold Medal
M. Ueki	Japan	85,00	2nd Silver Medal
S. Nolan	Ireland	77,71	3rd Bronze Medal
W. Dickton	Germany	76,18	4th Honour Mention
R. Jimono	Spain	73,75	5th
G.V.A. Rocij	Holland	72,68	6th
D. Pombo Ferreira	Portugal	71,75	7th
T. Mirtani	Italy	63,23	8th

HOUSE WIRING

A. Savoldi
G.W. Radstake
K. Kuroda
F. Pruessol
W. Krauss
J.L. Sousa Silva
B.L. Jackson
B.L. Van Bossuyt
M. Kearns
M. Saez

Italy	95,15	1st Gold Medal
Holland	93,54	2nd Silver Medal
Japan	92,92	3rd Bronze Medal
Switzerland	92,21	4th Honour Mentioned
Germany	91,28	5th Honour Mentioned
Portugal	81,92	6th
United Kingdom	79,77	7th
Belgium	79,36	8th
Ireland	79,23	9th
Spain	70,04	10th

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RADIO AND TV REPAIRING

T. Matsumoto
R. Foyon
B. Yates
F. Martinez
H.G. Kruse
J. Romao Guimaraes

Japan	90,42	1st Gold Medal
Belgium	89,48	2nd Silver Medal
United Kingdom	88,04	3rd Bronze Medal
Spain	86,64	4th Honour Mentioned
Germany	79,28	5th
Portugal	74,70	6th
	71,15	7th

STONE CUTTING

J. Delroz
J. Hunkiker
A.D. Smith
J.V.D. Kolik
H. Siegnor
V. Balaguor

Belgium	88,13	1st Gold Medal
switzerland	82,48	2nd Silver Medal
United Kingdom	82,13	3rd Bronze Medal
Holland	80,38	4th
Germany	78,85	5th
Spain	46,50	6th

BRICKLAYING

S.J. Bodill
K.H. Kommerling
A. Werron
F. Vercoeken
C. Fahy
J.W.L. de Buyzer
R. Rardivo
J. Boo

United Kingdom	88,11	1st Gold Medal
Germany	81,73	2nd Silver Medal
Switzerland	74,36	3rd Bronze Medal
Belgium	72,35	4th
Ireland	71,98	5th
Holland	65,00	6th
Italy	62,39	7th
Spain	55,80	8th

PLASTER WORK

R. de Boer
A.Z. Binden
U. Rank
J. Kerksteol
P.M. Viro
W. Moore
M. Fabrega

Holland	85,20	1st Gold Medal
Switzerland	77,55	2nd Silver Medal
Germany	68,90	3rd Bronze Medal
Belgium	63,75	4th
United Kingdom	62,30	5th
Ireland	51,05	6th
Spain	111	7th

PAINTING

B.J.J.V.D. Vogt
R.G. Anderson
G. Bergmuller
H. Moritz
L. Pastro
S. Angosto
P.W. Cantillon

Holland	87,50	1st Gold Medal
United Kingdom	79,75	2nd Silver Medal
Germany	77,50	3rd Bronze Medal
Switzerland	72,50	4th
Belgium	70,50	5th
Spain	66,75	6th
Ireland	60,50	7th

PLUMBING

A.J. Wommors	Holland	78,70	1st Gold Medal
H. Rytter	Switzerland	76,00	2nd Silver Medal
R. de Koukoleire	Belgium	74,30	3rd Bronze Medal
J.R. Farnham	United Kingdom	65,40	4th
K. Yamahi	Japan	65,40	5th
W. Sachs	Germany	60,50	6th
R.E. Lyons	Ireland	56,60	7th
A. Ibañez	Spain	53,30	8th

CABINET MAKING

J.J. Urrea	Spain	84,80	1st Gold Medal
Y. Scharfenstein	Germany	80,25	2nd Silver Medal
P. Sollberger	Switzerland	77,75	3rd Bronze Medal
G. Heron	United Kingdom	67,55	4th
J. Kudo	Japan	65,75	5th
J.H. Habots	Holland	57,55	6th
W. Welter	Luxembourg	55,00	7th
J. Connolly	Ireland	43,00	8th
L. Giornolly	Italy	36,85	9th
E. Walravens	Belgium	retired	
F. Freitas de Silva	Portugal		

JOINERY

T.A. O'Brian	Ireland	76,30	1st Gold Medal
K. Cuyvers	Belgium	72,95	2nd Silver Medal
T. Takahashi	Japan	69,35	3rd, Bronze Medal
A. Moili	Switzerland	67,50	4th
G.A.M. Pow	Holland	64,20	5th
P.V. Rolf	United Kingdom	61,05	6th
F.J. Theobald	Germany	35,50	7th
J.M. Calzacorta	Spain	44,60	8th

CARPENTRY

M. Urayama	Japan	78,60	1st Gold Medal
D.J. Hughes	Ireland	74,40	2nd Silver Medal
H. Hafliger	Switzerland	74,40	3rd Bronze Medal
J.W. Kimber	United Kingdom	68,95	4th
G.A.B. Lieshout	Holland	61,65	5th
H. Stein	Germany	56,40	6th
G.C. Coletto	Italy	48,15	7th
R. Browners	Belgium	42,65	8th

SILVERSMITHING

W. Tannheimor	Switzerland	87,40	1st Gold Medal
J.E. Streeter	United Kingdom	70,30	2nd Silver Medal
F. Pankowski	Germany	66,90	3rd Bronze Medal
F. Llorento	Spain	63,50	4th
J. Lawlor	Ireland	39,70	5th

JEWELLERY

H. Schaffer	Switzerland	92,65	1st Gold Medal
E. Chambers	United Kingdom	86,00	2nd Silver Medal
R. Hotz	Germany	75,40	3rd Bronze Medal
P.E. Volasco	Spain	61,40	4th
N. Roykon	Holland	57,60	5th

JEWELLERY (Cont.)

P. Pasero	Italy	35,10	6th
R. Elliot	Ireland	30,45	7th
A. Mouscl	Luxemburg	29,50	8th

SHOE MAKING

F.C.I. Macywoo	Holland	74,80	1st Gold Medal
H. Schloier	Germany	69,05	2nd Silver Medal
V. Rios	Spain	68,95	3rd Bronze Medal
A. Andre	Belgium	50,60	4th

TAILORING

G. Vogler	Germany	95,60	1st Gold Medal
T. Anada	Japan	93,50	2nd Silver Medal
B. Robst	Holland	86,00	3rd Bronze Medal
K. Matho	Switzerland	81,30	4th Honour Mentioned
P. Van Keymolom	Belgium	72,50	5th
H. O'Neill	Ireland	71,00	6th
A. Pinoda	Spain	65,70	7th

HAIRDRESSING. DEMONSTRATIONS

J. C. Duoz	Belgium
F.W. Jansson	Holland
B.B. Naromaker	Holland
P. Ottman	Germany
M.J. Deschamps	Belgium
H. Uissor	Holland
J. Schlicher	Holland

INDUSTRIAL ELECTRONIC

C.T. Cory	United Kingdom
B. Nicholls	United Kingdom