



UKRAINIAN WELDING SOCIETY



ODESA REGIONAL UKRAINIAN WELDING SOCIETY

# THE SECOND INFORMATION LETTER



X-th International welder's competition  
**"BENARDOS GOLD CUP"**

*12 – 16 August, 2013*

Ukraine, Odesa

## Submission of applications

Registration of applications on participation in competition will be fulfilled by receiving of lists of delegations and teams, registration cards of competitors, signing of agreements (if necessary). Forms of list and registration card are given in appendix.

## Registration fee

<i>Competitors, who appear in single nomination</i>	250 EUR
<i>Competitors, who appear in two nominations</i>	400 EUR
<i>Competitors – members of UWS, who appear in single nomination</i>	150 EUR
<i>Competitors – members of UWS, who appear in two nominations</i>	250 EUR
<i>Accompanied persons and gasts</i>	75 EUR

Registration fee includes the payment of coffee breaks, final friendly dinner, competitive, business and cultural programs.

The payment in Ukrainian hryvnas and Russian rubles must be fulfilled on rate of National bank of Ukraine in day of payment.

## The main расписание of competition

12 August – registration of competitors, accompanied persons and gasts; settling in hotel.

13 August – ceremony of opening of competition, fulfillment of competition tasks.

14 and 15 August – fulfillment of competition tasks, quality check of welds.

16 August – summing up, ceremony of closing of competition.

## Program of competition

Program of International welder's competition will include only practical tasks. There are some welding positions in every nomination and final welding position in every nomination will be chosen during opening of competition by casting of lots.

Practical skills of welders will estimate on the following five categories:

- 1) preparation of work place and compliance with requirements of labour protection;
- 2) compliance with technologies of assembly and welding of control joints;
- 3) quality of the weld of the external inspection and measurement;
- 4) weld quality based on radiographic inspection;
- 5) welding time of control joint (maximal time of welding shown in WPS).

The Organizing Committee provides welding materials and equipment for every competitor, tool for training (during 30 minutes) and demonstration of practical skills. The participant has the right to use your tool. Competitor must have their uniform, shoes and welding mask, and in case of its absence he will be able to use the demo uniform provided by sponsor – the company “Vostok-service” (Kyiv), and the demo welding mask provided by sponsor – “3M Ukraine” (Kyiv).

Practical tasks (*total time – not more 60 minutes, for nomination 111 – not more 90 minutes*):

Nomination 1 – manual arc welding by coated electrode (111/ SMAW):

- welding of butt joint of plates  $t = 10$  mm of low-carbon steel in overhead position (PE ss nb);
- welding of butt joints of pipe elements  $D76 \times 5$  (T/BW) of low-carbon steel in one of orbital positions: inclined (H-L045 ss nb), vertical (PH ss nb) or horizontal (PC ss nb) (*determined by casting of lots*).

Nomination 2 – arc welding with consumable electrode in active gase (135/GMAW):

- welding of two butt joints of plates  $t = 12$  mm made of low-carbon steel in upright (PF ss nb), horizontal (PC ss nb) or lower (PA ss nb) (*position and sequence of welds will be determined by casting of lots*).

Nomination 3 – arc welding by tungsten electrode in inert gases141/GTAW):

- welding of butt joints of pipe elements  $D45 \times 4$  (T/BW) of high-alloy steel in one of orbital positions: inclined (H-L045 ss nb), vertical (PH ss nb) or horizontal (PC ss nb) (*determined by casting of lots*);
- welding of butt joints of pipe elements  $D42 \times 3$  (T/BW) of low-carbon steel in one of orbital positions: inclined (H-L045 ss nb), vertical (PH ss nb) or horizontal (PC ss nb) (*determined by casting of lots*).

**Nomination 4** – oxy fuel welding (311/OFW):

- welding of two butt joints of pipe elements  $D57 \times 4$  (T/BW) of low-carbon steel in one of orbital positions: inclined (H-L045 ss nb), vertical (PH ss nb) or horizontal (PC ss nb) (*determined by casting of lots*).

WPS for all nominations will be represented after 01.08.2013 on sites of organizers: [www.tzu.key.ua](http://www.tzu.key.ua) and [www.tzu.od.ua](http://www.tzu.od.ua).

Within the framework of the International competition will also be held Ukrainian competition of welders-professionals, which will consists of practical and theoretical parts. The practical part of the International competition, fulfilled by the Ukrainian participants, will be included in the rankings of the Ukrainian competition. The theoretical part of the Ukrainian competition of welders will take the form of tests.

**Jury**

Jury of competition will be declared by Organizing Committee during opening of competition and will work at leadership of Dr. Volodymyr Kotik, director of Ukrainian Attestative Committee of Welders. Jury will form from experienced experts of Ukraine and qualified representatives of other countries-participants of competition (on desire).

Estimation of theoretical knowledge's of participants of Ukrainian competition will carry out by Ukrainian part of jury.

**Rewards**


Winners and prize-winners of welder's competition are awarded by:

- *Benardos cups, diplomas of Ukrainian Welding Society;*
- *valuable gifts and money awards;*
- *International certificates.*

Jury, public and other organizations, sponsors have the right to establish (in coordination with Organizing Committee) special prizes and premiums for participants of competition.

**Additional competition nomination**

Company «3M Ukraine» (Kyiv) founded the creative nomination for welders-competitors «Creation of weld art emblem of company 3M» (in coordination with Organizing Committee of competition). Welders represent these emblems in Organizing Committee of competition in the form of «homework». It is also possible to produce emblems during competition. Every welder can represent some variants of weld emblem. Competitive emblems will put up for public viewing on separate stand of mini-exhibition under the encrypted numbers.

<i>The basic requirements to welding emblem</i>	<i>Logo of company</i>
<ul style="list-style-type: none"> <li>- you can only use welding and allied processes,</li> <li>- material – any metal,</li> <li>- product should be voluminous and its size must not exceed 210×210×210 mm,</li> <li>- you must exactly comply with the proportions and appearance of a company «3M» logo,</li> <li>- desirable decoration design,</li> <li>- the use of paint and galvanic coating is prohibited (red color is not required for competitive emblems),</li> <li>- it is allowed the metallization or coating by thermal spraying.</li> </ul>	

Estimation and choice of emblems will be spent by representatives of company «3M Ukraine». Rewarding (with prizes) of authors of the best emblems will be held during the closing ceremony of the competition.

**Presentations**

The possibility to spend presentations in form of reports, mini-exhibitions and master-classes will be given to companies-participants, companies-sponsors and information sponsors. It is possible to take part indirect companies in mini-exhibitions with corresponding payment.

**Programs for accompanied persons and gests**

The cultural program will be offered at registration.

Business program will include activities of the previous section and daily technical meetings (on current questions of competition, development of competitive movements, on international cooperation, on the training of technical personnel, on the exchange of scientific and technical information, on reform of welding societies, etc.).

### **Accommodation**

Hotel «Kurortnyy» (65009 Odesa, cross-street Kurortnyy 2; phone +380-48-784 7600; <http://inkurort.com/>).

Prices: twin room «Standard» for one person – 561-660 UAH, for two persons – 360-425 UAH/pers.; room «Lux» for one person – 840 UAH, for two persons – 561 UAH/pers.

Cost of eating (3 times) is included in cost of living.

### **Deadline**

**01 August 2013** – the obtaining of lists of participants, accompanied persons and guests, as well registration cards. Payments of registration fees.

### **Organizing Committee**

**Prof. Anatoliy KAYDALOV**, vice-president of Ukrainian Welding Society (Kyiv), – **chairman**

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