

Newsletter



Issue 4 | 24.06.2015



KAZAKHSTAN WELDING ASSOCIATION «KAZWELD»

KazWeld got full authorization to certify welders, welding operators & brazers according to EWF Scheme



On May 20, 2015 at the General Assembly of European Federation of Welding (EWF) in

Bergen (Norway), Kazakhstan Welding Association "KazWeld" got the full authorization for the certification of welders, welding operators and brazers according to EWF scheme with the issuance of certificates according to EN 287, ISO 9606, ASME BPV Section IX, AWS D 1.1, EN 1418, EN 13133, EN 13067 and others.

Thus, KazWeld became the 1st Authorized National Body (ANB) in the world, which will apply the EWF Welder Certification Scheme according to international, European standards and standards of foreign countries. None of the ANBs in

Europe and in the world has received such a right yet, despite the fact that the scheme had been designed in Europe for the certification of welders, welding operators and brazers in each IIW member country, acting on behalf of EWF.

Certificates issued by Kazakhstan Welding Association "KazWeld" will be recognized in all EWF and IIW member countries. EWF consists of 29 member countries and IIW - 57 member countries.

Note: Kazakhstan Welding Association "KazWeld" became an observer country of European Welding Federation on November 18, 2014.

<http://www.ewf.be//members/anbs/kazakhstan>

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Certification of welders and welding operator according to EWF Scheme was carried out in Tulpar - Talgo LLP

The welders of Tulpar-Talgo LLP became the first welders in the world who certified according to Scheme of European Welding Federation - Doc. 647.

In April 2015 KazWeld carried out the certification of welders and welding operator according to the scheme of the European Welding Federation in Tulpar-Talgo LLP. Welders completed a seven-month training in Spain. Welders and welding operator have successfully passed the theoretical and practical tests. After that, all were given the certificates with the EWF logo and number.



CERTIFICATION OF WELDERS, WELDING OPERATORS AND BRAZERS IN ACCORDANCE WITH EUROPEAN FEDERATION FOR WELDING, JOINING AND CUTTING (EWF) SCHEME CAN BE DONE NOW IN KAZAKHSTAN

Kazakhstan Welding Association KazWeld is an ANB for certification of welders, welding operators and brazers according to EWF scheme: EN 287, ISO 9606, ASME BPV SECTION IX, AWS D 1.1, EN 1418, EN 13133, EN 13067 and so on.

Please contact us if you would like to apply for certification

INTERNATIONAL CERTIFICATION OF WELDING PERSONNEL ACCORDING TO ISO 14731 CAN BE DONE BY KAZWELD

Kazakhstan Welding Association «KazWeld» is a Kazakhstan Authorized Body on welding coordination personnel certification complying with ISO 14731.

Certification is carried out complying with ISO 14731 «Welding coordination -Tasks and responsibilities". This standard refers to IIW Qualification System as a way to demonstrate people's technical knowledge. It is of great importance in assessing the competence of welding personnel during the manufacturer certification process according to ISO 3834 and EN 15085.

Certified welding engineers is an indication that the company cares about improving the quality of not only the workers but also products, which provides the company a competitive advantage in the market.

Please do not hesitate to contact us at +7 7172 26 98 78 or email info@kazweld.kz

IIW MCS Certificate Award

At the end of May 2015 ERSAI Caspian Contractor and Tulpar Talgo were awarded certificates of the International Institute of Welding on successful completion of the assessment of welding production according to ISO 3834.

Audit in Ersa Caspian Contractor took place on 28-29 November 2014. ERSAI Caspian Contractor LLC is a Kazakhstan joint venture of ERC Holdings (Kazakhstan) and Saipem (Italy). The company holds the leading position in construction for the oil and gas sector of the Caspian Region. The main activities are focused on the provision of top quality services in project management, procurement, engineering, offshore and onshore construction & installation, commissioning, shipbuilding, fabrication of steel structures and high-technology modules as well as maintenance and logistics services.

Audit in Tulpar-Talgo was held on 21-22 January 2015. Kazakhstan plant for the production of high-speed railway cars,



Deputy General Manager Mr. Yan Chan

Tulpar-Talgo, is a joint venture of "Remlokomotiv" (subsidiary company "JSC NC Kazakhstan Temir Zholy") and the Spanish company «Talgo Kazajstan SL», founded on September 7, 2010.



Head of Design Department, Tulpar-Talgo Mr. Karshiga Kanafinov

Information on certified companies you can find on IIW/EFW website

<http://www.ewf.be/certified-companies>, as well as on <http://www.kazweld.kz/ru/spisok-sertificirovannyh-kompaniy>.



IIW Manufacturer Certification Scheme according to ISO 3834 "Quality requirements for fusion welding of metallic materials"

On February 4, 2015 at the IIW & IAB meetings in Paris (France) the Kazakhstan Welding Association "KazWeld" got the full authorization to apply IIW Manufacturer Certification Scheme complying with ISO 3834 "Quality requirements for fusion welding of metallic materials".

This right was received after the International Authorization Board (IAB) of International Institute of Welding (IIW) gave the preliminary authorization to KazWeld in November 2014 as well as training of local lead assessors, assessors and technical experts. The competence of the Kazakhstani specialists had been confirmed by the IIW leading experts based on the results of the successful audit that was held in one of the leading companies in Kazakhstan.

In this regard, Kazakhstan Welding Association has started accepting applications for company certification in accordance with ISO 3834. After a successful audit, the company will get the IIW Certificate, which ensures the high quality of welding products to consumers.

IIW Certificate provides a competitive advantage as well as increases the credibility and visibility of manufacturing companies.

Companies that have gained certification under the IIW Manufacturer Certification System will be maintained in the IIW register. Information contained on the register about companies and their capabilities is made freely available via IIW. This provides an important sales benefit to registered companies. Details of certified companies are posted on the IIW/EFW website (<http://www.ewf.be/certified-companies>) which has open access and search facilities.

5th KazWeld Annual General Meeting

On May 15, 2015 the Kazakhstan Welding Association "KazWeld" hold the 5th annual general meeting at the Scientific and Technological center "Parasat", Astana.

The Deputy Minister of Defense, Mr. Sauranbayev, heads of domestic and foreign companies, representatives of international organizations as well as the heads of higher and secondary educational institutions of Kazakhstan attended the meeting.

At the meeting, the executive director prof. Abdurakhmanov presented the annual report for the last fiscal year and plan for the next year. The last year the association reached high results, significantly expanding its activities from training of specialists in the field of welding with the issuance of the international diploma to certification of welding personnel and companies with the issuance of European and international certificates. Experts from the International Institute of Welding noted that KazWeld made a significant progress in its activities within the short period, far exceeding the expectations of the world community.

The main results achieved from May 2014 to May 2015:

- On November 18, 2014 at the General Assembly of the European Federation of Welding (EFW) Kazakhstan represented by the association «KazWeld» received the status of observer.
- On February 4, 2015 at the IIW & IAB Paris meetings KazWeld received the status of the Authorized National Body for the Certification of Companies (ANBCC) and full authorization on certification of welding production according to ISO 3834.
- On March 9, 2015 KazWeld got full authorization on certification of welding personnel according to the



scheme of the International Institute of Welding complying with ISO 14731.

- On May 11, 2015 KazWeld got full authorization on certification of welders, welding operators and brazers complying with the scheme of the European Federation of Welding in accordance with international and European standards and the standards of the leading countries of the world.

Chairman of the Board of Director, Mr. Zhandos Abishev, congratulated the new KazWeld members to join the Association and awarded the certificates of members. This year

several organizations such as Center of Technology on transport, Nondestructive testing certification center, Montazhspestroy, 3M Kazakhstan and APEC Petrotechnic joined the association.

At the meeting, the presentations were made by the Director of the Aktau Training Center – Mr. Myrzagali Tulepov, managing partner of KEN Partners – Mr. Yerlik Karazhan, Chief Welder of Welding Solution – Mr. Sergei Matvienko as well as a representative of 3M Kazakhstan – Mr. Baurzhan Adaybekov.



Training in Approved Training Bodies (ATBs)

Kazakhstan Welding Institute, Karaganda city, International Welding Engineer - 2015

On April 6, 2015, the third group of students started the course "International Welding Engineer" (IWE). The group has already held two modules and successfully passed the exams. The next classes will take place in October and November 2015, after which the candidates who successfully complete the course will be awarded diplomas of the International Welding Engineer.



Firma Svarka, Aktobe city International Welder - 2015

On May 27, 2015 the students of Approved Training Body "Firma Svarka" were awarded diplomas of International Welder. The representatives of the company "Total E & P Nurmuna" attended the ceremony. Six students received diplomas of "International Tube Welder" and three students - diplomas of "International Plate Welder".



APPLICATIONS ON IIW TRAININGS ARE NOW AVAILABLE!

Approved Training Centers (ATB) accepts applications for training on the following programs:

IWE, IWT, IWP, IWIP, IW.

Please feel free to apply for any interested program!

For more detailed information on training program, tuition and so on, please contact the ATB.

All ATBs contacts you can find in our website:

www.kazweld.kz

TECHNICAL COMMITTEE # 82

APPLICATION FOR STANDARDS DEVELOPMENT

KazWeld accepts application for development of standards related to the Welding and allied processes in order to complete the state standardization activities within the Technical Committee No. 82 established under the Technical Regulation and Metrology Committee of the MINT on the base of Welding Association in September 2013.

Please send your application to the Association:
info@kazweld.kz

Professional Training Center (PTC), Aktau city International Welder - 2015

At Professional Training Center (PTC) 35 students completed the course "International welder". Courses lasted from September 2014 to June 2015. In early June, the students took the practical and theoretical exams. Students who successfully passed exams are expected to get IIW diploma "International Tube Welder".

Unexpectedly during the examination the fire safety training was held. It was nice to see the organization and efficiency of all employees of the training center and ERSAL company.



DIPLOMA OF INTERNATIONAL INSTITUTE OF WELDING YOU CAN GET IN KAZAKHSTAN WITHOUT GOING ABROAD

Association of welding «KazWeld» can assist in the training of international welding engineers, technologists, technicians, practitioners, welders as well as international welding inspectors with higher, specialized secondary and secondary education.

In cooperation with KazWeld, The Kazakhstan Welding Institute runs its activities. It was launched at the Department of welding production of Karaganda State Technical University and got the right from the International Institute of Welding (IIW) to carry out training activities according to international standards. Moreover, there are 10 training centers authorized according to IIW requirements (Approved Training Body – ATB) in six cities across the country (Astana, Karaganda, Aktau, Atyrau, Uralsk, Aktobe).

Training duration is 2 - 6 months. The main requirements for admission are to have a special technical education (for engineers, technologists and technicians) or secondary education (for workers and practitioners) and working experience of at least 3 years.

THE BENEFITS OF STUDYING IN ATB

- Getting quality education based on international standards in Kazakhstan without going abroad;
- Free education for those who work in the priority sectors of the economy of Kazakhstan, including in the oil and gas industry;
- Ability to work in foreign and domestic companies that set high requirements on qualification for the engineering staff and welders;
- Diploma issued by the Kazakhstan Association of welding is recognized in 57 member countries of the International Institute of Welding, including the US, UK, Canada, France, Germany, Italy, Spain, Portugal, Japan, China, India, Australia, New Zealand, Malaysia, Singapore, Brazil, South Africa, Turkey, Ukraine, Russia and others. Therefore, it is easy to be employed in those countries.

Surveillance audit

Batis Ondiris Kurylys Servisi, Aksai city

On June 11, 2015 KazWeld carried out the surveillance audit at one of its ATBs - Batis Ondiris Kurylys Servisi, which is located in Aksai city. The non-conformities and recommendations for further improvement of the center were made.



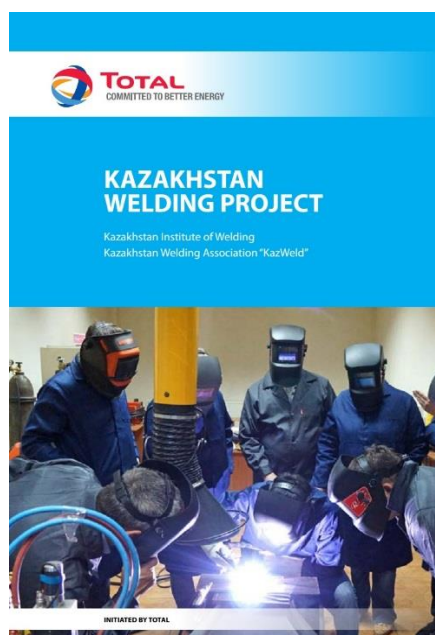
Kazakhstan Welding Project

Brochure issue

In December 2014 the implementation of the Kazakhstan Welding Project turned 5 years. In connection with this event, the brochure was published in Russian and English.

This publication was made possible by the initiator of the project, the founder and active member of the association - company "Total Exploration and Production Kazakhstan" represented by Managing Director - Mr. Brendan McMahon, Director on Government Relations & Public Affairs - Mr. Daniyar Salimbayev, Manager on Government Relations & Public Affairs - Ms. Galiya Kurmangaliyeva, Communications & Public Relations Manager - Ms. Aloua Tolkinbekova and others.

You can download the brochure on website www.kazweld.kz



ACCREDITATION OF TRAINING CENTERS

If companies, organizations or businesses have a valid training center, the Association of welding «KazWeld» can assist in its accreditation according to international standards as well as provide IIW training programs in welding, educational materials, international standards for welding and international standards for training.

In addition, the association «KazWeld» can assist in professional development or retraining of teachers of theoretical courses and welding practitioners with the issue of IIW diplomas, which give a right to carry out teaching activities in accordance with international standards. Training and re-training of teaching staff occurs in advanced welding scientific centers and universities around the world, as well as due to the invitation of well-known scientists and professors to give lectures in Kazakhstan.

For further information please contact us at +7 7172 269878 or email info@kazweld.kz

Visits to manufacturing companies

KazWeld at the opening of the rig in the ZhigerMunayService LLP, Atyrau city



On April 15, 2015 in Birlik village (Atyrau) on the territory of ZhigerMunayService LLP, producing drill bits, a solemn ceremony are held in honor of the completion of the drilling rig for heavy-duty drilling wells up to 7,000 meters. The Mayor of Atyrau region Baktikozha Izmuhambetov and representatives of a number of oil & gas companies are attended the ceremony. The rig was assembled by order of KazMunaiGas-Drilling LLP and is designed for drilling oil and gas wells. Height of this unique rig is 51 meters, power - 650 tons. and the cost - 3 billion. 640 million. KZT.

Significant contribution to the implementation of this project, where the Kazakhstan share is 35 percent, has been done by the British company "Discovery Drilling Equipment Limited".

For us, I think the market will inevitably expand. The next rig we plan to make with a lifting capacity of 750 tons and under this business we plan to modernize company's assembly and welding production, make it more robotized - said Askhat Duysaliev, general director of Zhigermunayservice LLP.

Kazakhstan Caspian Offshore Industries (KCOI), Aktau city

On June 3, 2015 KazWeld representatives visited Kazakhstan Caspian Offshore Industries LLP (KCOI). KCOI is a Kazakhstan - Italian joint venture which provides services in design, procurement, construction, installation and testing of oil & gas treatment and production units or parts thereof such as, but not limited to, jackets, piles, platform, living quarters topside for offshore and modular type oil & gas treatment systems and plants and pre-assembled units (PAUs), destined for upstream or downstream oil & gas related industry and for onshore and offshore industrial installations and so on.

The meeting was held with the Project Quality Manager Mr. Maurizio Deplano, HR, Organization & IT Manager Mr. Luca Mulargia and Deputy HR Manager Ms. Aliya Yerbayeva.

At the meeting, such issues as company's cooperation with the association in the field of training and certification of welding personnel were raised.



AktauOilMash LLP, Aktau city

AktauOilMash LLP is a plant for the production of oil & gas and power equipment. The company is a Kazakhstan-Russian engineering joint venture, is a subsidiary of JSC NC "KazMunayGas" in the field of mechanical engineering.

On June 3, 2015 KazWeld representative met the CEO Mr. Rakhmetov, chief engineer, chief welder as well as people who took training on ISO 3834, which was held in November 2014 in Astana.

At the meeting, both sides were able to give more information about each other, to suggest ways of cooperation, etc.

MunaiGasKurylys LLP, Aktau city

In June 2015 KazWeld representatives visited manufacturing base and the head office of Munaygaskurylys LLP in Aktau city. The company is an active member of the association.

Munaygaskurylys LLP is one of the largest construction companies in the Mangistau region as well as a whole region of Western Kazakhstan. The company was founded in 1964. Since that time it specializes in improvement of oil and gas fields, industrial and civil engineering.



A company representative, Mr. Sergey Purin, explained in detail about the company as well as showed company's manufacturing base, NDT laboratories and museum.

Western Kazakhstan Machinery Company JSC, Uralsk city

JSC "West Kazakhstan Engineering Company" was formed on the base of Ural plant "Metallist" which was built in 1973 for the production of high-tech, high-precision equipment and other products of machine-building purposes.

Since 1990, it began the process of mastering the production of oil and gas equipment.

Representatives of KazWeld learnt about plant better and discussed issues of further cooperation and assistance to improve the company's welding production and welding personnel.



KazWeld's participation at the meetings and round tables

Meeting of Mechanical Engineering Committee, Karaganda city

On May 29, 2015 the meeting of the Committee of mechanical engineering at the regional council of the chamber of Karaganda region was held. The main purpose of the meeting is to introduce the material and technical base of the Karaganda college of engineering as well as the activity of the Kazakhstan Welding Association KazWeld.



Participation at the round table "Human Resources for Mining", Astana Mining and Metallurgy Congress 2015

On June 18, 2015 the Association of Mining and Metallurgical Enterprises held a round table "Human Resources for Mining" at the Congress «Astana Mining & Metallurgy» - 2015 (AMM) in the Palace of Independence, Astana city. Representatives from different organization participated in the round table, for example, National Chamber of Entrepreneurs (NPP), Ministry of Education and Science, Holding "Kasipkor", JSC "RSMC", JSC "TNK" Kazchrome", National University named after Satpayev, ACREOS France, etc. In addition, the executive director of the Kazakhstan Welding Association - prof. Abdurakhmanov attended the meeting.

IIW SCHEME FOR CERTIFICATION OF WELDING INSPECTOR

Safety and profit depends on technical control of welding operations. Key staff in welding related activities needs to have an appropriate level of competence in welding technology and its application. In addition to employing competent welders, manufacturers should ensure that engineers, technicians, inspectors who deal with welding matters have proven relevant competence.

Requirements to get certified welding inspector title:

1. Demonstration of knowledge and skills (IIW diploma holder)
2. An applicant must have a minimum of two years' experience in the three-year period prior to certification, which demonstrate successful application of knowledge and skill in welding inspection at the appropriate level.
3. A applicant and existing certified persons are required to demonstrate that they are maintaining and updating their knowledge relevant to the area in which he practice for example by implementing a personnel scheme for professional development.

Certified persons are awarded one of the following titles, according to the level of qualification and job activity:

IIW Qualification Required	Certification Title
International Welding Inspector - Comprehensive (IWI – C)	Certified Welding Inspector - Comprehensive (CWI-C)
International Welding Inspector - Standard (IWI – S)	Certified Welding Inspector - Standard (CWI-S)
International Welding Inspector - Basic (IWI – B)	Certified Welding Inspector - Basic (CWI-B)

The certificate have a validity of three years from the date of the decision on certification; at the expiration a renewal procedure has to be followed in order to renew and retain certified status. At the tree-year renewal point, the holder is required to apply for certification renewal by applying to Kazakhstan Welding Association “KazWeld”.

CERTIFICATION OF WELDING PERSONNEL ACCORDING TO ISO 14731

Requirements for certification:

1. Technical knowledge required (IIW diploma)
2. A minimum of two years' experience in the three-year period prior to certification at the relevant level which demonstrates successful application of welding technology at the appropriate level.
3. Applicant and existing certified persons are required to demonstrate that they are maintaining and updating their knowledge relevant to the areas in which they practice, for example by implementing a personnel scheme for professional development.

Welding knowledge qualification required	Certification title
International welding engineer (IWE)	Certified international welding engineer (CIWE)
International welding technologist (IWT)	Certified international welding technologist (CIWT)
International welding specialist (IWS)	Certified international welding specialist (CIWS)
International welding practitioner (IWP)	Certified international welding practitioner (CIWP)

The certificate is valid for 3 years. After the expiry date, the applicant should apply for renewed one to the Kazakhstan Welding Association.


KazWeld participated at the exhibitions “Atyrau Oil & Gas 2015” & “Atyrau Build 2015”

The 14th North Caspian Regional exhibition “Atyrau Oil & Gas 2015” and “Atyrau Build 2015” have been held in Atyrau on April 14 – 16, 2015.

More than 100 companies in the mining and processing of hydrocarbons industries as well as services and construction industry took participation in the exhibitions. Kazakhstan Welding Association KazWeld as a co-organizer of the specialized section “Welding. Welding equipment” also participated in the exhibitions. This specialized section was presented first time in such exhibition. The reason why this section was presented this year is the problems of safe and smooth operation of pipelines and engineering structures as well as the need to improve the reliability of operation of pipelines.

The delegation of the first deputy mayor of Atyrau region, representative of the Government of the Republic Udmurtiya, Ambassador of the Netherlands and other VIPs visited the KazWeld stand.

Director of Aktau Training Centre, Mr. Myrzagali Tulepov, and representatives of Teniz Arystan LLP also attended in the exhibition.

**INTERNATIONAL PERSONNEL AND
MANUFACTURER CERTIFICATION IN
WELDING**

**MANUFACTURER CERTIFICATION IN WELDING
ACCORDING TO ISO 3834 WITH THE INTERNATIONAL
CERTIFICATE ISSUANCE**

**CERTIFICATION OF WELDING PERSONNEL WITH THE
INTERNATIONAL CERTIFICATE ISSUANCE**


- Certified International Welding Engineer (CIWE)
- Certified International Welding Technologist (CIWT)
- Certified International Welding Specialist (CIWS)
- Certified International Welding Practitioner (CIWP)
- Certified International Welding Inspector (Basic, Standard, Comprehensive) (CIWI-B, CIWI-S, CIWI-C)

**CERTIFICATION OF WELDERS, WELDING OPERATORS
AND BRAZERS ACCORDING TO EWF SCHEME (EN 287, ISO
9606, ASME BPV SECTION IX, AWS D 1.1, EN 1418, EN
13133, EN 13067 AND SO ON) WITH THE EUROPEAN
CERTIFICATE ISSUANCE**

**EDUCATION OF WELDING PERSONNEL WITH THE
INTERNATIONAL DIPLOMA ISSUANCE**

- International Welding Engineer (IWE)
- International Welding Technologist (IWT)
- International Welding Specialist (IWS)
- International Welding Practitioner (IWP)
- International Welder (fillet, plate, tube) (IFW, IPW, ITW)
- International Welding Inspector (Basic, Standard, Comprehensive) (IWI-B, IWI-S, IWI-C)

Contact us:
Tel.: +77172269878
Mob.: +77015385652
+77015223991
+77015225334
Email: info@kazweld.kz
Web: www.kazweld.kz



KAZWELD
KAZAKHSTAN WELDING ASSOCIATION

Kazakhstan Welding Association "KazWeld"
010000, Kazakhstan, Astana
Imanbaeva st., 7B



BENEFITS OF KAZWELD MEMBERSHIP

Kazakhstan Welding Association «KazWeld» invites you for cooperation and collaboration in improving the welding production in the Republic of Kazakhstan, development of human capital, development and modernization of professional education system, introduction of innovative teaching methods, implementation of the state program for accelerated industrial and innovative development of Kazakhstan in terms of technical regulation and creation of quality infrastructure, introduction of advanced technological processes of welding equipment and welding materials.

As a KazWeld member, you hereby:

1. Assist in implementation of the order of the President of State and Government of the Republic of Kazakhstan to promote Kazakhstan Welding Project.
2. Support the policy of the State in:
 - increasing the local content in the economy of the Republic of Kazakhstan;
 - improving the quality and competitiveness of welding products;
 - improving the employment prospects;
 - improving the technical literacy of citizens of Kazakhstan;
 - accelerating the industrial and innovative development of the Republic of Kazakhstan;
 - implementing the strategy "Kazakhstan's way - 2050" for becoming one of the 30 developed countries in the world;
 - improving and introducing the innovative teaching methods.
3. Become a member of the International welding society
4. Get the priority:
 - to be promoted in the international exhibitions, conferences, mass media etc.
 - to get discounts on KazWeld services, for example, company certification, certification of welding personnel and so on;
 - to send your workers for training to any of the approved training bodies across the country;
 - to apply for hiring the graduates of any approved training bodies ;
 - to give suggestions for the formation of the plans and activities of the welding association;
 - to participate in the management of the association;
 - to make suggestions in the training programs in terms of their expansion and in-depth study of relevant topics.
5. Be informed on the latest global welding technology and "know-how".

International conference for Young welding Professionals - 2015, Budapest (Hungary)

On October 7-9, 2015, the Hungarian Welding Society together with International Institute of Welding organize the second event for Young Professionals worldwide. The aim of the event is to bring together young welding professionals of the world in the fields of welding and related technologies, to review recent achievements in the advancement of knowledge and understanding in these areas, share the latest developments and address the challenges for the present and the future. During the 2,5 days of the event the participants will have the possibility for networking and to change and harmonize their professional ideas. The event will deliver 4 different professional programs:

- Conference
- Workshop
- Poster presentation
- Welding quiz

Read more:

<http://www.ypic2015.com/>

iiw

7-9. October, 2015

Conference Workshops Welding Quiz

YPIC2015
2nd Young welding Professionals International Conference

The YPIC2015 conference aims to

- bring together young professionals worldwide interested in welding and related technologies
- integrate and mediate professional knowledge
- providing a forum of professional discourse for sharing and harmonizing ideas

www.YPIC2015.com

Call for papers in the following topics:

1. Arc welding and filler metals
2. Brazing, soldering and diffusion bonding
3. Resistance welding, solid state welding and allied joining processes
4. Risk management and damages of welded structures
5. Fatigue of welded components and structures
6. Polymer joining and adhesive technology
7. Behavior of metals subjected to welding
8. Pressure vessels, boilers and pipelines
9. Thermal Cutting and Surfacing
10. Power Beam Processes

Workshops
International workshop coordinated by international well known professionals in the following topics: (but not limited to)

- welding and environment
- trainee exchange program
- welding education

Welding Quiz

- An event for networking and extend your theoretical and practical knowledge
- 50% theoretical - 50% practical
- Team work based competition

Poster presentation
Gives an opportunity for young researchers and professionals to share and exchange their results in their professional fields.

Who should attend?

- This conference will focus primarily on Bachelor's, Master's, PhD and Welding Engineer students and on other Young Professionals who are at the beginning of their professional carrier
- There is, however, no restriction on the „categories” and ages for participants.
- Professors and industrial representatives are welcome as well.

Forge welding
Microstructure Duplex Steels
Material Technology Design
Robotic Welding
Advanced Welding Technology Design

Workshop

Destination: Hungary

Newsletter

Issue #4

June 24, 2015

Astana, Imanbaeva st., 7B

Tel.: +7 7172 26 98 78

+7 701 538 56 52

Email: info@kazweld.kz

URL: www.kazweld.kz

Planned activities for July - September 2015:

- Participation at the 68th IIW Annual Assembly
- Certification of welding personals
- Assessment of companies
- Authorize the training bodies
- Development of standards in oil & gas field



KAZWELD

КАЗАХСТАНСКАЯ АССОЦИАЦИЯ СВАРКИ