



Examination and qualification of welders

In accordance with the valid EN, ISO and other special regulations

Examination and qualification of welders



Manufacturers shall confirm that welders and machine operators employed in the shop are qualified for their jobs, be it about simple welded structures or nuclear applications.

TÜV Rheinland InterCert Kft. undertakes the examination of welders and machine operators at short notice in line with the valid EN, ISO and other special codes. We can organize the examination under workshop conditions and in welding shops as well.

MANUAL WELDING

The most frequent procedures used for the qualification of steel welders (EN 287-1):

- 111 - manual metal arc welding (E)
- 114 - flux cored arc welding
- 131 - metal inert gas welding (MIG)
- 135 - metal active gas welding (MAG)
- 136 - metal active gas welding with flux-cored wire (MAG)
- 141 - tungsten inert gas welding (TIG)
- 311 - autogenous welding (G)

We undertake the qualification of the aforementioned procedures in a combined procedure.

MACHINE WELDING

We qualify the operators of welding machines (e.g. flux cored welding procedure) according to standard EN 1418. Upon request we carry out qualifications in consideration of other codes (e.g.: ASME IX., corporate standard etc.) and we also issue test certificates in the course of the qualification of procedures related to welding (e.g. hard soldering).

OUR DESIGNATIONS AND ACCREDITATIONS

On the basis of our designations and accreditations we recommend welder qualification according to the following standards and regulations:

- Steel welder certificate according to MSZ EN and DIN EN 287-1
- Aluminum and aluminum alloy welder certificate according to MSZ EN ISO and DIN EN ISO 9606-2
- Copper and copper alloy certificate according to MSZ EN ISO 9606 and DIN EN ISO 9606-3
- Nickel and nickel alloy certificate according to MSZ EN ISO 9606 and DIN EN ISO 9606-4,
- Titanium and titanium alloy, zirconium and zirconium alloy certificate according to MSZ EN ISO 9606 and DIN EN ISO 9606-5
- Machine operator certificate according to MSZ EN and DIN EN 1418
- Qualification of persons creating permanent joints according to the pressure equipment directive 97/23/EC
- 9/2001 (IV.5.) GM decree - the qualification of persons creating permanent joints
- AD 2000-Mbl. Qualification of welders manufacturing pressure equipment according to HP 3

AKKREDITATION:

TÜV Rheinland InterCert Kft. is accredited by the National Accreditation Board for the certification of welders and machine operators according to MSZ EN ISO/IEC 17024:2003.

OUR DESIGNATION

64/2003. Designation by the Ministry of Economy for the completion of the all-comprehensive activity according to decree 9/2001 (IV. 5) GM (appendix 6. point 3.1.2 - approval of the staff creating permanent joints). On the basis of this designation, the European Commission has registered TÜV Rheinland InterCert as designated body under the following number: 1008. The designated body number of our mother company (TÜV Rheinland Group): 0035.

In order to ensure successful preparation for the qualifications, based on our relations to various professionals we provide for the availability of trainers for on-the-job and theoretical training courses. Upon request we offer the services of accredited laboratories for the material testing of finished pieces.

FOR MORE INFORMATION PLEASE CONSULT OUR EXPERT!

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