Mechanical – Welding

Be the best Welder, never stop learning.

Main objectives are: Assimilation of general knowledge regarding the usual materials used for welded structures; Knowledge of processes and procedures for obtaining and machining of metallic materials; Knowledge of welding processes and technology: preparation, welding parameters; Knowledge of welding equipment: components, operation, tools and auxiliary devices; Preparation and the correct interpretation of WPS (Welding Procedure Specification); General knowledge regarding: welding equipment, tools and auxiliary devices; Operations needed for the correct execution of welded joints; Responsibility for quality of work: planning, execution and self-control; Weld defects: type of defects and cause of their appearance, acceptance criteria; Proper and efficient organization of work and the workplace / protective equipment; Understating stipulations included in the key standards and technical regulations SR and ISCIR Collection for welding and welding procedures.

Target Group
the training is for unskilled workers or people who want to improve their acquired knowledge

Duration
3 days (24 hours) - one hour training session it's equal with 45 minutes

Content
- Use of technical documentation
- General knowledge regarding use of welding and cutting equipment
- Preparing operations for welding/cutting
- General information regarding welding processes
- Pre / post welding operations

Methods
- Exposure, explanation, conversation, demonstration

Competences acquired
- Understanding and correct application of technical regulations:
  - ISCIR Collection
  - SR;
- Understanding and correct use of technical documentation
- General knowledge regarding operation of welding equipment
- General knowledge regarding preparing operations needed for welding/cutting
- Knowledge regarding correct use and application of welding processes
- General knowledge regarding post welding/cutting operations

Date / City
N/A

Contact
TÜV Rheinland România SRL
103-105 Dorobanţilor Blvd.
010561 Bucharest
Tel.: +4 021 318 88 34/ 35
Fax: +4 021 318 88 36
academia@ro.tuv.com

www.tuv.com/academy-ro