



CERTIFICATE SUPPLEMENT (*)



1. TITLE OF THE CERTIFICATE ()

Steel construction worker, steel industry (steel construction/steel shipbuilding)

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

This translation has no legal status.

3. DESCRIPTION OF KNOWLEDGE AND SKILLS

The holder

- Is familiar with the main qualities and workings of materials used in steel construction, knows the correct handling of those and understands the potential dangers and environmental effects they may have
- Is familiar with and knows the correct application of all major machines and tools that steel industry workers use in their work, as well as their maintenance and care
- Is familiar with safety precautions in the workplace and arranges his or her work in such a way that health and safety, of self and others, is not at risk
- Is familiar with all common metal construction machinery, tools and auxiliary equipment and can apply those in all types of construction and manual work in steel construction
- Knows the definition and construction of material standards for metals, knows the definitions of terms used in material testing, knows the main aspects relating to the utility of metals, danger of corrosion and corrosion protection, and is able to choose materials for steel products
- Is able to calculate the amount and cost of materials as well as production costs for various steel construction, can perform basic measurements of load bearing capacity
- Can use professional and academic texts in his or her work
- Can read and fully understand diagrams and make construction diagrams of components, and can use ISO-standards for labelling drawings

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

The work of steel construction workers consists in constructing and maintaining man-made structures, and constructing items out of steel plates and customised materials according to their own drawings or the drawings of others. They use material cutting machines and shaping machines to cut and shape materials, as well as various welding methods for assembly. Steel construction workers are responsible for the inspection and maintenance of steel structures, e.g. in buildings, ships, tanks, bridges and masts. Authorised to work as steel construction workers or steel ship builders are those who have earned a journeyman's certificate in one or other of those trades, issued by the Minister of Industry and Trade.

(*) Explanatory note

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

More information on transparency is available at: www.cedefop.eu.int/transparency

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5. OFFICIAL BASIS OF THE CERTIFICATE

<p>Name and status of the body awarding the certificate</p> <p>An Icelandic upper secondary school operating on the basis of the Upper Secondary School Act and the National Curriculum for Upper Secondary Schools, issued by the Minister of Education, Science and Culture.</p>	<p>Name and position of governing body or region that looks after certifying or confirming the certificate</p> <p>The Ministry of Education, Science and Culture</p>
<p>Level of the certificate (national or international)</p> <p>Upper secondary school level Isced 3</p>	<p>Grading scale / Pass requirements</p> <p>1-10</p>
<p>Access to next level of education/training</p> <p>Additional studies for matriculation, studies for a master examination or technical studies.</p>	<p>International agreements</p>
<p>Legal basis</p> <p>The Upper Secondary School Act no. 80/1996, regulation regarding journeyman's examination no. 525/2000 The Industrial Act no. 42/1978 and regulations on Authorised Branches of Industry no. 940/1999.</p>	

6. FRAMEWORK AND ORGANISATION OF TRAINING

<p>The average duration of the education and training programme is four years, organised as follows: formal education for six school terms, or 90 weeks including examinations, and 60 weeks of on-the-job training. The programme concludes with a journeyman's examination.</p> <p>Entry requirements</p> <p>Primary school graduation certificate</p> <p>Additional information</p> <p>Further information may be found on http://eng.menntamalaraduneyti.is/</p> <p>National reference point</p> <p>The Ministry of Education, Science and Culture, http://eng.menntamalaraduneyti.is/</p>
