

General Technical Requirements
for
CE marking
GTR-14

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1 Scope of application

This technical specification applies when not otherwise agreed in writing for supplies, contracts and services. For the purposes of this technical specification “Contractor” shall also mean “Supplier”.

2 General

The following EF directives and associated orders all have CE marking as a condition. These are applied to most supplies to the Employer and individually addressed below:

- The Machinery Directive (2006/42/EC)
- The Low Voltage Directive (2006/95/EC)
- The EMC Directive (2004/108/EC)
- The Pressure Equipment Directive (97/23/EC)
- The Simple Pressure Vessel Directive (87/404/EEC)
- The ATEX Directive (94/9/EC)

2.1 The Machinery Directive (2006/42/EC)

2.1.1 Machines delivered with an EC declaration of conformity in accordance with Annex II, Part A

A complete set of technical documentation shall be made for the supply, including among others a risk assessment analysis and instructions for use. The risk assessment analysis shall comprise all essential safety and health requirements of the EC directive and shall for each individual requirement describe how the Contractor addresses the issue of the underlying risk.

The risk analysis shall comprise an identification of sources of risk, cf. Annex I of the Machinery Directive, a risk assessment of all relevant sources of risk, also the risk of explosion, a description of the solution selected to eliminate the source of risk and a description of any residual risks and the solution selected to address such residual risks.

Upon request the risk assessment shall be handed over to the Employer in Danish, Swedish or English as per agreement.

If not otherwise agreed on, the supply to the Employer shall be accompanied by an EC declaration of conformity in accordance with the guidelines laid down in Annex II, Part A, and provided with CE marking. The EC declaration of conformity and the CE marking shall – unless otherwise agreed on – cover the full supply, including any part(s) delivered by the Employer that are necessary for the full operation of the machinery.

2.1.2 Declaration of incorporation of partly completed machinery according to Annex II, Part B

For partly completed machinery the Employer specifies the same requirements as laid down in subclause 2.1.1. If not otherwise agreed on, the supply to the Employer shall be accompanied by an EC declaration of conformity in accordance with the guidelines laid down in Annex II, Part B. Before award of contract the Contractor shall inform the Employer of substantial health and safety requirements that have not been fulfilled, if any.

2.2 The Low Voltage Directive (2006/95/EC)

For electrical equipment covered by the Low Voltage Directive, the Contractor shall produce technical documentation, and the electrical equipment shall come with an EC declaration of conformity and provided with CE marking.

Electrical equipment which is covered by the low voltage directive and which consists of several integrated electrical components, shall be supplied with an overall EU declaration of conformity and an overall CE marking.

2.3 The EMC Directive (2004/108/EC)

Devices that are covered by the EMC Directive shall be provided with CE marking and come with an EC declaration of conformity and a technical construction file, if any. Also in conformity with the EMC Directive, the Contractor shall deliver instructions stating the requisite information for correct installation and use of the device.

2.4 The Pressure Equipment Directive (97/23/EC)

Pressure equipment or pressurised units covered by this directive and classified in category I, II, III or IV shall be provided with CE marking and come with an EC declaration of conformity.

Individual parts of pressure equipment compiled into a single unit shall also be delivered as a single unit and CE marked as a unit, also if this unit comprises safety components delivered by the Employer. The Employer shall have access to all parts of the technical documentation during construction, manufacture and mounting; this shall include the risk analysis. Safety components shall always be category IV unless otherwise agreed upon.

2.5 The Simple Pressure Vessel Directive (87/404/EEC)

This directive concerns simple pressure vessel as defined in the order. If the vessel pressure times the volume is higher than 50 bar times litres, the most important safety requirements – as detailed in the directive – must be observed, and the Contractor must deliver an EC declaration of conformity with the vessel, and the vessel must be provided with CE marking.

2.6 The ATEX Directive (94/9/EC)

The directive applies to equipment and safety systems designed for use in potentially explosive atmospheres and associated safety, control and regulation devices.

The equipment and the safety systems must comply with the important requirements to health and safety detailed in the directive. The Contractor shall deliver an EC declaration of conformity with the supply which must be provided with CE marking.