

Additional terms and conditions for technology

1. General

Contractors guarantee and assure that all deliveries of goods and provision of services are state-of-the-art and correspond to the requirements for the characteristics and properties of working materials and work equipment in accordance with § 5 of the German Occupational Safety Ordinance and the relevant provisions and rules and regulations issued by the authorities, mutual indemnity associations and professional associations. Not yet implemented, but expected, European regulations shall also be considered within this context, in particular environmental protection and energy efficiency requirements.

2. CE labelling, documentation and conditions of acceptance

If CE labelling in accordance with EC directives is required for deliveries, contractors must correspondingly label the supplied goods and enclose with the delivery the prescribed documentation. The supplied goods will not be accepted if the legally-signed EC Declaration of Conformity – and, if necessary, the name and address of the notified body – is absent and CE labels have not been applied. JTI will test the supplied goods within the context of the acceptance process. In particular, this testing will focus on whether the supplied goods correspond to the European directives.

3. Maintenance and assessment periods

Unless otherwise agreed by JTI and the contractor, interruption-free operation of the supplied goods must be guaranteed for a period of at least six months in accordance with the manufacturer's maintenance and assessment specifications. In the event, that longer or shorter maintenance and assessment periods are prescribed in accordance with the relevant regulations, these are decisive.

4. Safety discussions

Within the context of the order, contractors commit to actively taking part in safety discussions at the request of JTI.

5. Electrical equipment

Electrical equipment must be furnished with a VDE and/or a GS label. Electrical equipment deployed in laboratories must comply with the EMC protection requirements of Directive 2014/30/EU, corresponding at least to the European DIN EN 61326-1 Table 2 (Industrial Areas) standard.

6. Explosion risks

In the event that no CE labelling in accordance with other, prioritised directives is required, CE labelling in accordance with 2014/34/EU will be applied. The prescribed documentation must be enclosed with the delivery in accordance with Directive 2014/34/EU. In the event, that – based on an ignition risk analysis – manufacturers/contractors declare that the working materials and work equipment exclude any ignition risk and are therefore not subject to Directive 2014/34/EU, contractors shall enclose the ignition risk analysis with the delivery if the working materials and work equipment can be deployed in potentially-explosive areas. In the event that the CE Declaration of Conformity was carried out pursuant to an EC type examination, contractors shall enclose with the delivery a copy of the type examination certificate.

7. Equipment

Contractors must determine the equipment's control-related level in accordance with the Performance Level (PL) pursuant to DIN EN ISO 13849-1 or the Safety Integrity Level (SIL) pursuant to DIN EN 62061 / DIN EN 61511 / DIN EN 61508 and furnish JTI with all parameters. Both during installation and/or assembly and following completion, contractors must test – in particular in accordance with the VDE provisions – all equipment prior to commissioning. JTI is to be furnished with the test reports.

Depending on the supplied goods, testing of the equipment can also be carried out in accordance with Directive 2014/29/EU (Simple Pressure Vessels Directive), 2014/68/EU (Pressure Equipment), 2010/35/EU (Transportable Pressure Equipment), 2006/42/EC (Machinery Directive), 2014/35/EU (Low Voltage Directive) or 2014/30/EU (EMC).

Preliminary testing of electrical equipment is carried out in accordance with VDE 0100-600 and must include at least the following: testing of the continuity of the protective conductor circuits, testing of the loop impedance, testing of the insulation resistance, functional testing of the protective equipment and testing to ensure that the electrical equipment corresponds to the documentation.

A risk assessment, including the description of the measures chosen to avoid machine-related risks, must be enclosed with the delivery.

8. Machines

Contractors must define the risk category for protective equipment in accordance with the Performance Level (PL) pursuant to DIN EN ISO 13849-1 or the Safety Integrity Level (SIL) pursuant to DIN EN 62061 and agree all parameters with JTI. The machine's electrical equipment must correspond to the relevant product standard. Manufacturers must carry out all testing in accordance with the specifications of the relevant product standard. In event that there is no relevant product standard, testing will be carried out in accordance with DIN EN 60204. Contractors will furnish JTI with the test report. In their order confirmations, contractors shall list all applied directives and standards relevant for the supplied goods. Contractors will furnish JTI with all (special) technical documents in accordance with Attachment VII of Directive 2000/42/EC in German. Testing will be carried out in accordance with Directive 2006/42/EC. Any non-compliance with the relevant rules and regulations relating to characteristics and properties must be explained.

Preliminary testing of machines is carried out in accordance with VDE 0113-1 and must include at least the following: testing of the continuity of the protective conductor circuits, testing of the loop impedance, testing of the insulation resistance, functional testing of the protective equipment and testing to ensure that the electrical equipment corresponds to the documentation. A risk assessment in accordance with Attachment VII Part A/B of Directive 2006/42/EC, including the description of the measures chosen to avoid machine-related risks, must be enclosed with the delivery.

9. Modification of machines

Modification of machines may require new CE labelling, including documentation, and necessitate a risk assessment. If required, the contractor will supply new CE labelling, including documentation and risk assessment. The interpretation of 'significant modification of machines' will be documented and JTI will be furnished with this. JTI will also be furnished with the test reports in the event of modification of machines in the same form as outlined above in Point 7. All mandatory testing following the repair and replacement of electrical equipment components is deemed to be preliminary testing and not periodic testing.

10. Application of directives/regulations

The mentioned regulations/directives apply in their respectively-valid versions. If any regulation/directive ceases to be valid as a result of the enforcement of a regulation/directive that replaces it, the replacing regulation/directive will apply.

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