Förhandsgranskning / Preview

Electrical equipment for hoist blocks, overhead travelling cranes and portal cranes. Instructions for planning and construction

Guidance information

[Information within brackets in this document refers to local regulations]

The principal difference between this edition and previous ones is that it has been brought in line with current regulations and codes.Observe the new lifting standards (Pren 15011)

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Introduction

These instructions mainly relate to hoist blocks, overhead travelling cranes and portal cranes with electrical equipment of maximum 1000 V rating.

The document gives instructions for planning and construction.

The document is also intended to be enclosed as an appendix with tender enquiries and orders for the equipment concerned.

1 Regulations, laws, orders, etc

In addition to National Regulations for the Supply and Maintenance of Electrical Installations there are several other laws and regulations which the electrical equipment comprised in the plant shall comply with. See 1.1 References

1.1 References

These instructions refer as appropriate to the following documents:

- National Regulations for the Supply and Maintenance of Electrical Installations
- [SIS IKH Lift Technical. Part 1, Part 2, Part 3. Edition 1995 (SS standards, AFS and ASS instructions as listed below are included in these instructions).
- SS 766 30 07 (IKH Data Sheet) Cranes - Electrical equipment.
- Bulletin No T309:1 of the Swedish Electrical Council (EN)]
- SSG 4525E, Installation earthing. Special attention is drawn to Section 3.5, Appendix No 4
- SSG 4552E, Appendix, Specification of documents for electrical installations
- EN 61 346-1, Industrial systems, installations and equipment and industrial product - Structuring principles and reference designations -Part 1: Basic rules (Item designation accordance IEC 750)
- SSG 4700E, Terms of delivery for the planning and construction of electrical equipment forming part of machine deliveries

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