

Inspection and commissioning instructions for electrical equipment

Introduction

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

The document provides instructions for the inspection and commissioning of electric equipment.

Note *With electrical equipment means both the electrical and the electronic equipment*

The instructions are intended for use by all personnel employed on project design, design, erection, commissioning and maintenance of electrical plant in industry.

The necessary inspection work for each section is given in the appendix to these instructions, on forms designated type EL 1, A, B, C, D, E, F, G and H.

Contents

1 Documentation	1
1.1 General	1
1.2 Documentation handling	2
1.3 Types of documents necessary	2
2 Electrical equipment in different voltage ranges	3
2.1 Intermediate voltage Inspection, testing and energizing	3
2.2 Low voltage Inspection, testing and energizing	3
3 Outgoing feeder groups (functional units)	3
3.1 Erection inspection	4
3.2 Inspection of operating and control circuits	4
3.3 Functional inspection	4
3.4 Inspection work (summarizing form)	4
4 Control system and Fieldbus system	4
4.1 Inspection of control systems	4
4.2 Inspection of fieldbus systems	5
5 Electrical operation rooms	5
5.1 Inspection of electrical operation rooms	5

1 Documentation

1.1 General

In this context, the term documentation refers to the documentation necessary for the inspection/commissioning of electrical equipment.

Other documents necessary in the field of electrical and control systems are given in [SSG 4552E](#) and [SSG 5225E](#).