



Document type
Self control
 Title
Self control electrical installations
 File name
179-ELS-0007- Self control electrical installations
 Date
2011-10-06
 Issue
1
 Info class
External
 Page
1(4)

Approved by (department acronym, name)
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Self control of Electrical Installations

Protocol according to SS 436 40 00 Chapter 61.
 For information at each checkpoint, see standard. [Link](#) to SIS online

Project: _____ No: _____

Compilation checkpoints

<i>Checkpoint</i>	<i>Remark</i>	<i>Sign/Date</i>
1. Cleaning		
2. Visual controls		
3. Tests		
4. Protocols		
5. Documentation		
6. Additional		

Sheet 2 and 3 contains checkpoints over installation where sign items is **OK**

If testing is proceeded, those protocols are appendix to this document .

Self control proceeded

Date

Sign

Received by customer

Date

Sign



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1. Cleaning

Checkpoint	Separate protocol = X	Remark = X	Sign / Date
1.1 Exposed conductive parts free from mtrl			
1.2 Scaffolding, ladders removed			
1.3 Tools removed			
1.4 Mtrl leftovers removed			
1.5 Dismantled mtrl removed			
1.6 Sweeping/vaccuming performed			
1.7 Barriers removed			

2. Visual controls

Checkpoint	Separate protocol = X	Remark = X	Sign / Date
2.1 Sign that the facility is energized mounted			
2.2 Marking in connection point, object, max fuse/adjustment, cable area, length			
2.3 Marking on object, connection point			
2.4 Transformers secondary side connected to earth			
2.5 Continuity of protective conductor			
2.6 Minimum area of PEN conductor 10mm ²			
2.7 One conductor/terminal in fuse box			
2.8 One PE conductor/terminal			
2.9 Marking on conductor (colour or number)			
2.10 Distance between live part and exposed conductive parts			
2.11 Check the degrees of protection			
2.12 Reassembling of covers and other enclosures			
2.13 Covers reassembled			
2.14			



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Fire seal restored			
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3. Tests

Checkpoint	Separate protocol = X	Remark = X	Sign / Date
3.1 Connection points tightened			
3.2 Insulation resistanse test			
3.3 Phase sequence			
3.4 Voltage test			
3.5 Test overload protection devices (motors) interrupting time			
3.6 PE on exposed conductive parts (continuity of protective conductor)			
3.7 Function test residual current device			

4. Protocol

Checkpoint	Separate protocol = X	Remark = X	Sign / Date
4.1			
4.2			
4.3			

5. Documentation

Checkpoint	Separate protocol = X	Remark = X	Sign / Date
5.1 List over fuses in electrical swithboard updated			
5.2 Design according to overload and shortcut			
5.3 Short cut circuit effect			
5.4 Overview cable diagram			
5.5 Additional documentation updated			

6. Additional

Checkpoint	Separate protocol = X	Remark = X	Sign / Date
6.1 Customer informed			
6.2 Time and materials reported			
6.3 Tools and machines cleaned and reloaded			
6.4 Borrowed equipment returned			
6.5 Shut down alarms switched on			



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