

Inspection and Test for Record for Switching Units - HV Switchgear

Record No.: _____
page 1 of 3

Client: _____	Subcontractor: _____
Project No.: _____	Subcontract P.O. No.: _____
Project Name: _____	Substation No.: _____

Additional information:

Manufacturer: _____ Switching device: Type _____

P.O. No.: _____ Function: _____

Location: _____ Rating: _____

Switchboard No.: _____

Panel No.: _____ Reference Document: _____

Items to inspect	Subcontractor	Company		Remarks
	inspected initials/date	Hold Point	inspected* initials/date	
1.0 Record the reading of the operations counter		h		
2.0 Check the following items and report any deviations/defects under remarks:		H		
2.1 Circuit labelling correct				
2.2 Operation of safety shutters				
2.3 Padlocking facilities				
2.4 Interlocking facilities, mechanical/electrical				
2.5 Mechanical position indicators, indicating lights				
2.6 Insulating bushings and barriers				
2.7 Cable box and terminations				
2.8 Alignment of main and auxiliary contacts				
2.9 Mechanical closing and tripping				
2.10 Electrical closing local/remote				
2.11 Electrical tripping local/remote				

H - Company's presence is mandatory for all activities in section.
h - Company's presence is mandatory.

Attachments, No. of pages: _____

Accepted for Subcontractor	Accepted for Company	Accepted for Client
Name: _____	Name: _____	Name: _____
Signature: _____	Signature: _____	Signature: _____
Date: _____	Date: _____	Date: _____

*Company only initials for holdpoint

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Record No.: _____

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Client: _____	Subcontractor: _____
Project No.: _____	Subcontract P.O. No.: _____
Project Name: _____	Substation No.: _____

Additional information:

Manufacturer: _____	Switching device: Type _____
P.O. No.: _____	Function: _____
Location: _____	Rating: _____
Switchboard No.: _____	
Panel No.: _____	Reference Document: _____

Items to inspect	Subcontractor		Company		Remarks
	inspected initials/date	Hold Point	inspected* initials/date		
2.12 Alarm indications local/remote					
2.13 Anti-condensation heater - test insulation resistance at 500 VMohm					
2.14 Secondary and auxiliary wiring - test insulation resistance at 500 VMohm					
3.0 Earthing: Check the conditions of earthing bar and connections Test the earthing bar continuity Micro Ohm		h			
4.0 Record fuse type/rating		h			

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Inspection and Test Record for Switching Units - HV Switchgear

Record No.: _____

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Client: _____	Subcontractor: _____
Project No.: _____	Subcontract P.O. No.: _____
Project Name: _____	Substation No.: _____

Additional information:

Manufacturer: _____	Switching device: Type _____
P.O. No.: _____	Function: _____
Location: _____	Rating: _____
Switchboard No.: _____	
Panel No.: _____	Reference Document: _____

Items to inspect	Subcontractor		Company		Remarks
	inspected initials/date	Hold Point	inspected* initials/date		
5.0 HV pressure test - circuit breaker (for pre-commissioning inspection only) Test voltage DC leakage current - MA kV R S T kV R S T Tester used: _____		h			
6.0 Insulation resistance - circuit breaker: Test voltage V DC Phase R S T Mohm Tester used: _____		h			
7.0 Conductivity test - circuit breaker: Phase R S T Ohm Ducter used: _____		h			
8.0 Current transformer test completed Sheet no.: _____ Protection relay test completed Sheet no.: _____		h			
9.0 Remedial action required: _____					

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