

# Inspection and Test Record for Bus-Bar Assemblies - HV Switchgear

Record No.: \_\_\_\_\_  
page 1 of 2

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

Additional Information:

Manufacturer: _____	Section: _____
P.O. No.: _____	System Voltage _____
Location: _____	Rating: _____
Switchboard No.: _____	Reference Document: _____

Items to inspect	Subcontractor	Company		Remarks
	inspected initials/date	Hold Point	inspected* initials/date	
<p>Note: Tests marked (C) are required for pre-commissioning inspection only</p>				
<p>1.0 HV pressure test - bus-bar system (C)</p> <p>Test voltage DC                  Leakage current mA</p> <p>.....kV R ..... S ..... T .....</p> <p>.....kV R ..... S ..... T .....</p> <p>Tester used: .....</p>		h		
<p>2.0 Insulation resistance test - bus-bar system</p> <p>Test voltage level ..... V DC</p> <p>Phase R ..... S ..... T ..... Mohm</p> <p><b>Tester used:</b> .....</p>		h		
<p>3.0 Conductivity test - bus-bar system (C)</p> <p>R        .....        .....        .....</p> <p>S        .....        .....        .....</p> <p>T        .....        .....        .....</p> <p>Ducter meter used:</p>				

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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**Additional Information:**

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**Items to inspect**

	Subcontractor	Company		Remarks
	inspected initials/date	Hold Point	inspected* initials/date	
4.0 Earthing system:  Check the conditions of ..... earthing bar and connections  Measure the continuity of ..... earthing bar to main earth		h		
5.0 Basic inspection completed: .....  * Sheet No.:		h		
6.0 Remedial action completed: .....  * Note: Forms nos. 26E09 and 26E17 will be used to carry out these tests but the forms may be given sheet numbers when they make up a set of inspection documents for a particular item of equipment. E.g. Inspection of bus-bar assemblies - HV switchgear. Required: Form 26E11 becomes sheet 1 Form 26E17 becomes sheet 2 Form 26E09 becomes sheet 3		h		

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