

Inspection and Test Record for Bus-Bar Assemblies - LV Switchgear (including incoming and sectionalizer units)

Record No.: _____
page 1 of 2

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

Additional Information:

Manufacturer: _____	System voltage: _____
P.O. No.: _____	Section: _____
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 Insulation resistance test - bus-bar system at 500 V DC</p> <p style="margin-left: 20px;">Phase R S T Mohm</p> <p style="margin-left: 20px;">Tester used: _____</p> <p>2.0 Conductivity test - bus-bar system (C)</p> <p style="margin-left: 20px;">Spout to spout Mohm</p> <table style="margin-left: 20px; border-collapse: collapse; width: 80%;"> <tr> <td style="font-size: small;">Unit no.</td> <td style="font-size: small;">incomer 1</td> <td style="font-size: small;">2-3</td> <td style="font-size: small;">4-5</td> <td style="font-size: small;">6-7</td> <td style="font-size: small;">incomer 7</td> </tr> <tr> <td>R</td> <td>.....</td> <td>.....</td> <td>.....</td> <td>.....</td> <td>.....</td> </tr> <tr> <td>S</td> <td>.....</td> <td>.....</td> <td>.....</td> <td>.....</td> <td>.....</td> </tr> <tr> <td>T</td> <td>.....</td> <td>.....</td> <td>.....</td> <td>.....</td> <td>.....</td> </tr> </table> <p style="margin-left: 20px;">Ducter used: _____</p> <p>3.0 Earthing system</p> <p style="margin-left: 20px;">Check the continuity of the earthing bar and connections ohm</p> <p style="margin-left: 20px;">Measure continuity of switchboard to main earth ohm</p>	Unit no.	incomer 1	2-3	4-5	6-7	incomer 7	R	S	T	h	h	h	
Unit no.	incomer 1	2-3	4-5	6-7	incomer 7																							
R																							
S																							
T																							

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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4.0 Current transformer test (include. ammeter) completed Sheet no.		h		
5.0 Basic inspection completed Sheet no.		h		
6.0 After energizing Check voltmeter reading: Check phase rotation (C)		h		
7.0 Remedial action completed:				

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