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

### 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

<table>
<thead>
<tr>
<th>Subcontractor</th>
<th>Company</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Items to inspect</strong></td>
<td><strong>Subcontractor</strong></td>
<td><strong>Company</strong></td>
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</tbody>
</table>

### Notes:

- Tests marked (C) are required for pre-commissioning inspection only.

#### 1.0 Insulation resistance test - bus-bar system at 500 V DC

- Phase R ............. S ............. T ............. Mohm

- Tester used:  

#### 2.0 Conductivity test - bus-bar system (C)

- Spout to spout Mohm

<table>
<thead>
<tr>
<th>Unit no.</th>
<th>incomer 1</th>
<th>2-3</th>
<th>4-6</th>
<th>6-7</th>
<th>incomer 7</th>
</tr>
</thead>
<tbody>
<tr>
<td>R</td>
<td>..........</td>
<td>....</td>
<td>....</td>
<td>....</td>
<td>..........</td>
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</tr>
</tbody>
</table>

- Ducter used:  

#### 3.0 Earthing system

- Check the continuity of the earthing bar and connections ................... ohm

- Measure continuity of switchboard to main earth ......................... ohm

### Accepted for Subcontractor

- Name:  
- Signature:  
- Date:  

### Accepted for Company

- Name:  
- Signature:  
- Date:  

### Accepted for Client

- Name:  
- Signature:  
- Date:  

*Company only initials for holdpoint*
## Inspection and Test Record for Bus-Bar Assemblies - LV Switchgear (including incoming and sectionalizer units)

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<tbody>
<tr>
<td></td>
<td>inspected initials/date</td>
<td>Hold Point</td>
<td>inspected* initials/date</td>
</tr>
<tr>
<td>4.0 Current transformer test (include. ammeter) completed</td>
<td></td>
<td>h</td>
<td></td>
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<tr>
<td>5.0 Basic inspection completed</td>
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<tr>
<td>6.0 After energizing</td>
<td></td>
<td>h</td>
<td></td>
</tr>
<tr>
<td>Check voltmeter reading: ..........</td>
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</tr>
<tr>
<td>Check phase rotation (C) ..........</td>
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<tr>
<td>7.0 Remedial action completed</td>
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</tr>
</tbody>
</table>

**Additional Information:**
- Manufacturer: 
- System voltage: 
- P.O. No.: 
- Section: 
- Location: 
- Rating: 
- Switchboard No.: 
- Reference Document: 

**Items to inspect**
- 4.0 Current transformer test (include. ammeter) completed
- 5.0 Basic inspection completed
- 6.0 After energizing
- 7.0 Remedial action completed

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

**Accepted for Subcontractor**
- Name: 
- Signature: 
- Date: 

**Accepted for Company**
- Name: 
- Signature: 
- Date: 

**Accepted for Client**
- Name: 
- Signature: 
- Date: 

*Company only initials for holdpoint

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