

## Transformer Erection Checklist

<b>Location:</b>		<b>Date:</b>			
Transformer Tag No:					
Rating Plate Details:					
Foundation Drawing No:					
Transformer DWG No:					
<b>Test Date :</b>			<b>Ambient Temp:</b>		
S.No	Checklist	Yes	No	N/A	Observation
<b>Transformer Pre-Installation</b>					
1	Transformer Installation Manual is available for reference				
2	Suitable capacity of Hydraulic (or) Crane utilized for the Erection				
<b>Safety Measures</b>					
3	Slings utilized in Erection are approved (Confirmed) by Safety officer				
<b>Equipment &amp; Tools</b>					
4	Transformer was not damaged during lifting, handling, or erection.				
5	Completed assembly and tightening of wheel/roller hardware to meet torque requirements.				
<b>Transformer Arrival &amp; Inspection</b>					
6	Transformer is mounted on rail/channel following drawing layout.				
7	Transformer wheels are locked on both sides after getting fixed in final location				
8	Top Plate Level is checked by Water Level & Satisfactory				
<b>Pre-Installation Tests</b>					
9	Testing of all transformer Earthing pit is perfect & satisfactory				

10	All the Earthing Connections on the Body (or) Neutral of transformer are connected by suitable h/w.				
11	Radiators, Bushings, CTs, Bucholz Relays, Conservators, Breather, Fans, PRDs, Rapid Pressure Relays, Terminal Boxes, NGRs, Level Gauges, Valves, Pipes, Supports, Jumpers, Leads, Hardware, and Gaskets, among other accessories, are all installed in accordance with the specification.				
12	Cabling & Termination of Transformer accessories such as fans, Relays, CT's, OLTC, NGR, Pumps, etc. are complete as per the schematic and Loop checked.				
13	Check for finished earthing of equipment such as radiators, marshalling boxes, fans, terminal boxes, and NGR.				
<b>Oil Analysis</b>					
14	Oil is filled to Transformer via Filtration kit & Time Vs. Temperature Vs. BDV is monitored.				
15	Oil is filled as per the Levels specification in drawing.				
<b>Maintenance and Monitoring</b>					
16	Valves positions are kept as per the Valve Schedule Plate.				
17	Air release plugs in Main Tank, OLTC Tank, Conservator, Buchholz relay, etc. are activated 2-3 times a day after oil filling, per the design.				
18	Breather, oil seal, and dry silica gel are placed.				
19	As scheduled, control cabling and loop check accomplished.				
20	Connect power cables, bus ducts, and overhead lines per the drawing & check for tightness.				

**Conclusion:** In accordance with the manufacturer's erection manual, the transformer has been completed and is ready for pre-commissioning checks (Y/N).

1.

2.

3.

**Future Improvements:**

1.

2.

3.

	<b>Erection Engineer</b>	<b>Site Engineer</b>
<b>Name</b>		
<b>Sign</b>		
<b>Date</b>		