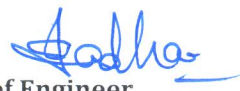


# **EVENT ANALYSIS REPORT**

<b>UNIT NO : 04</b>		<b>TPS : Khaperkheda TPS</b>		<b>Unit Capacity : 210 MW</b>	
<b>1. *HO Code :</b>	<b>Station Code :</b> T003	<b>Time -</b> 18:00 Hrs	<b>Date -</b> 20/07/2015	<b>No. of days from last sync. :</b> 2 days	
<b>2. Operating conditions at the time of Event :-</b>					
<b>Load</b>		<b>Coal Cycles in service</b>		<b>Oil Support</b>	
50 MW		B,C		3 guns	
<b>3. Nature of Event:</b> Unit withdrawn at 18:00 hrs on 20/07/2015 for turbine Trim balancing. Trim balancing programme completed on 22/07/2015.					
<b>4. Name of First Up , Main Protections &amp; Protection on which GCB tripped :</b>					
Turbine Hand tripped( <b>First Up</b> ), MFT Operated, Turbine Tripped ,Generator Protection operated, GCB opened on RPP.					
<b>5 A) Observations:</b> Gland sealing leak-off valve sluggish operation.					
<b>5 B) Remedial Action/work done: -</b>					
Trim balancing of HP & IP turbine rotor carried out. Weight added at HP front-728 gms at 25 degree. Weight added at IP -805 gms at 190 degree.					
<b>6. Root Cause Analysis :</b> High shaft vibration; 2x-170 micron.					
<b>7. Preventive action suggested (Short Term) :-</b>					
<b>8. Preventive action suggested (Long Term) :-</b>					
<b>9. Similar event occurred last time:-</b>		<b>Unit No # 4 , 210MW</b>	<b>Time : 17:53Hrs</b>	<b>Date: 17/07/2013</b>	
<b>Event: :</b> T.A. Set hand tripped due to high shaft vibration.(upto 218 microns).					
<b>Remedial Actions : -</b> HP/IP carrying holding clamps clearances increased from .1mm to .15 mm, and set again rolled & synchronized.					
<b>9A. Implementation Status of Long Term/Short Term measures stated at Sr No 7 &amp; 8 :-</b>					
<b>10. Boiler lighted up</b>		<b>Time - 06:19 Hrs</b>	<b>Date- 22/07/2015</b>		
<b>11. T-A Set Synchronized</b>		<b>Time -10:10 Hrs</b>	<b>Date-22/07/2015</b>		
<b>12. Remark :-</b>					
 <b>Chief Engineer</b>					
<b>13. Recommendations of Works Section:</b>					
1. Procurement/Replacement Plan:					
2. Operational Error:					
3. Delay in Maintenance:					
4. Delay in bringing back the Unit:					
5. Training of Staff:					
6. Whether remedial action is completed satisfactory & point is closed:					
<b>C E/Dy C E (Works)</b>					