


# **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> 23:29 Hrs	<b>Date -</b> 20/03/2016	<b>No. of days from last sync. :</b> 47 days	
<b>2. Operating conditions at the time of Event :-</b>					
<b>Load</b>		<b>Coal Cycles in service</b>		<b>Oil Support</b>	
159 MW		A, C, D & E		NIL	
<b>3. Nature of Event:</b> TA set tripped due to furnace pressure very low.					
<b>4. Name of First Up , Main Protections &amp; Protection on which GCB tripped :</b> Furnace Pressure Very Low. (First Up) MFT Operated, Turbine Tripped, Turbine Trip Gear Operated.					
<b>5 A) Observations:</b> - Set was on load at 159 MW with A, C, D and E coal mills in service, C/M- F standby and C/M-B under permit. Consequent upon sudden falling of a large clinker disturbance occurred in furnace draft which led to boiler tripping on 'Furnace Pressure Very Low' protection. This resulted in set tripping on boiler interlock at 23:29 Hrs on date 20/03/16.					
<b>5 B) Remedial Action/work done:</b> - No specific work carried out.					
<b>6. Root Cause Analysis:</b> - Due to falling of clinker, furnace draft disturbed and set tripped due to furnace pressure very low. It is suspected that clinker formation might be due to very poor quality of coal.					
<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 , 210 MW</b>		<b>Time :</b> 15:59 Hrs	<b>Date:</b> 02/02/2016
<b>Event:</b> Boiler tripped on "Furnace Pressure Very Low" which resulted in set tripping on boiler interlock. <b>Remedial Actions:</b> - No work done.					
<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 - 00:40 Hrs</b>		<b>Date- 21/03/2016</b>	
<b>11. T-A Set Synchronized</b>		<b>Time - 03:08 Hrs</b>		<b>Date- 21/03/2016</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:					
C E/Dy C E (Works)					