


# **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> 18:22 Hrs	<b>Date -</b> 19/03/2018	<b>No. of days from last sync. :</b> 12 days
<b>2. Operating conditions at the time of Event :-</b>				
<b>Load</b>		<b>Coal Cycles in service</b>	<b>Oil Support</b>	
117 MW		C & D	NIL	
<b>3. Nature of Event:</b> TA set forced withdrawn due to switchyard problem.				
<b>4. Name of First Up , Main Protections &amp; Protection on which GCB tripped :</b> Flame Failure (First Up), MFT, Turbine Tripped, Generator Class 'A', Generator Protection Operated.				
<b>5A) Observations:</b> On dt. 19/03/2018 at 18:00 hrs. Unit-4 was sharing 157 MW load with five coal cycles (Coal Cycle-A Standby). Load was reduced by withdrawing C/c one by one, set tripped on 'Flame Failure'.				
<b>5 B) Remedial Action/work done:</b> No work carried out.				
<b>6. Root Cause Analysis:</b> T.G set withdrawn due to hot spot on generator transformer 'B' phase current transformer top jumper in switchyard.				
<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>	<b>Date :</b>
Event: No similar event found.				
<b>Remedial Actions:</b>				
<b>9A. Implementation Status of Long Term/Short Term measures stated at Sir No 7 &amp; 8 :-</b>				
<b>10. Boiler lighted up</b>		<b>Time - 22:10Hrs</b>	<b>Date - 19/03/2018</b>	
<b>11. T-A Set Synchronized</b>		<b>Time - 00:53 Hrs</b>	<b>Date - 20/03/2018</b>	
<b>12. Remark :</b>				
 <b>Chief Engineer</b>				
<b>13. Recommendations of Works Section :</b>				
<b>1. Procurement/Replacement Plan:</b>				
<b>2. Operational Error:</b>				
<b>3. Delay in Maintenance:</b>				
<b>4. Delay in bringing back the Unit:</b>				
<b>5. Training of Staff:</b>				
<b>6. Whether remedial action is completed satisfactory &amp; point is closed:</b>				
<b>C E/Dy C E (Works)</b>				