## THERMOGRAPHY REPORT

**Report No. :- 01**

**MAIN LOCATION :- SWITCH YARD**

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</thead>
<tbody>
<tr>
<td>Bay No. 5</td>
<td>CT R Φ</td>
<td>03.1.2011</td>
<td>112.2</td>
<td>29.2</td>
<td>83.0</td>
<td>70.7</td>
</tr>
</tbody>
</table>

**Objective :- P1 CONTACT**

**Basic Observation :- P1 CONTACT** is over heated.

**Analysis & Recommendation :- P1 CONTACT** temp. is in critical range so it should be attended immediately as per the severity.

Client Analysis by:--  
Client Representative:--
THERMOGRAPHY REPORT
Report No. :- 02

MAIN LOCATION: - SWITCH YARD

<table>
<thead>
<tr>
<th>Location</th>
<th>Equipment</th>
<th>Date</th>
<th>Cursor -1</th>
<th>Cursor -2</th>
<th>Diff. Temp.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bay No. 4 Navsari - 2</td>
<td>Isolator 4893 B Φ</td>
<td>28.03.2011</td>
<td>90.7</td>
<td>43.4</td>
<td>47.3</td>
</tr>
</tbody>
</table>

Objective:- Isolator 4893 (towards the cvt)

Basic Observation:- Isolator 4893 (towards the cvt) is over heated.

Analysis & Recommendation Isolator 4893 (towards the cvt) temp. is in critical range so it should be attended as per severity.

Client Analysis by:-

Client Representative:-
MAIN LOCATION: - SWITCH YARD

<table>
<thead>
<tr>
<th>Location</th>
<th>Equipment</th>
<th>Date</th>
<th>Cursor -1</th>
<th>Cursor -2</th>
<th>Diff. Temp.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bay No. 4 Navsari - 2</td>
<td>CT R Φ</td>
<td>28.03.2011</td>
<td>84.9</td>
<td>40.4</td>
<td>44.5</td>
</tr>
</tbody>
</table>

Objective:- P 2 Contact

Basic Observation:- P 2 Contact is over heated.

Analysis & Recommendation:- P 2 Contact temp. is in critical range so it should be attended as per severity.

Client Analysis by:- Pradeep Singh
Client Representative:-
MAIN LOCATION: - SWITCH YARD

<table>
<thead>
<tr>
<th>Location</th>
<th>Equipment</th>
<th>Date</th>
<th>Cursor -1</th>
<th>Cursor -2</th>
<th>Diff. Temp.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bay No. 7</td>
<td>CT B Φ</td>
<td>28.03.2011</td>
<td>91.7</td>
<td>50.9</td>
<td>40.8</td>
</tr>
</tbody>
</table>

Objective:- P1 Contact

Basic Observation:- P1 Contact is over heated.

Analysis & Recommendation P1 Contact temp. is in critical range so it should be attended as per severity.

Client Analysis by:- 

Client Representative:-
THERMOGRAPHY REPORT

Report No. :- 05

MAIN LOCATION :- 6.6 KV SWITCH GEAR ROOM

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</thead>
<tbody>
<tr>
<td>6.6 KV SWITCH GEAR</td>
<td>03K LP Feedwater pump 2 1CAPB201JA</td>
<td>03.1.2011</td>
<td>249.6</td>
<td>31.8</td>
<td>217.8</td>
<td>47.1</td>
</tr>
</tbody>
</table>

Objective :- B Φ

Basic Observation :- B Φ is over heated.

Analysis & Recommendation :- B Φ temp. is in critical range so it should be attended immediately as per the severity.

Client Analysis by:-

Client Representative:-
THERMOGRAPHY REPORT
Report No.: - 06

MAIN LOCATION: - SWITCH YARD

<table>
<thead>
<tr>
<th>Location</th>
<th>Equipment</th>
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<th>Cursor -2</th>
<th>Diff. Temp.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bay No. 15</td>
<td>B Φ</td>
<td>28.03.2011</td>
<td>203.8</td>
<td>41.8</td>
<td>162</td>
</tr>
<tr>
<td>Ichapor</td>
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</table>

Objective:- B Φ Equipment highest clamp

Basic Observation:- B Φ Equipment highest clamp is over heated.

Analysis & Recommendation B Φ Equipment highest clamp temp. is very high so it should be attended as soon as possible.

Client Analysis by:-

Client Representative:-
THERMOGRAPHY REPORT
Report No.: - 07

MAIN LOCATION: - 6.6KV SWITCH GEAR

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<tbody>
<tr>
<td>6.6 KV SWITCH GEAR</td>
<td>04B Service Air Compressor cubicle</td>
<td>16.06.2011</td>
<td>162.8</td>
<td>41.9</td>
<td>120.9</td>
<td>54.7</td>
</tr>
</tbody>
</table>

Objective:- R Φ

Basic Observation:- . R Φ is over heated.

Analysis & Recommendation:- R Φ temp. is in critical range so it should be attended immediately as soon as possible.

Client Analysis by: -

Client Representative.
THERMOGRAPHY REPORT
Report No. :-08

MAIN LOCATION :- GT# 1A LCR

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<tbody>
<tr>
<td>GT# 1A LCR</td>
<td>88VG motor</td>
<td>16.06.2011</td>
<td>153.7</td>
<td>68.5</td>
<td>85.2</td>
<td>86.0</td>
</tr>
</tbody>
</table>

Objective:- Driving end

Basic Observation:- Driving end is over heated.

Analysis & Recommendation:- Driving end temp. is in critical range so it should be attended immediately as per the severity.

Client Analysis by:-

Client Representative:-
THERMOGRAPHY REPORT
Report No. :- 09

MAIN LOCATION: - 6.6KV SWITCH GEAR

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</thead>
<tbody>
<tr>
<td>6.6 KV SWITCH GEAR</td>
<td>04 C Steam Turbine</td>
<td>29.03.2011</td>
<td>141.4</td>
<td>40.2</td>
<td>101.2</td>
<td>47.8</td>
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</tbody>
</table>

Objective:- R Φ

Basic Observation:- R Φ is over heated.

Analysis & Recommendation:- R Φ temp. is in critical range so it should be attended immediately as soon as possible.

Client Analysis by:-                Client Representative:-
THERMOGRAPHY REPORT
Report No. :- 10

MAIN LOCATION :- 6.6KV SWITCH GEAR

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</thead>
<tbody>
<tr>
<td>6.6 KV SWITCH GEAR</td>
<td>02E CONDENSATE PUMP-2</td>
<td>28.10.2010</td>
<td>72.2</td>
<td>39.5</td>
<td>32.7</td>
<td>43.5</td>
</tr>
</tbody>
</table>

Objective:=- R Φ

Basic Observation:=- . R Φ is over heated.

Analysis & Recommendation:=- R Φ temp is in semi critical range and may create problem in near future so it should be attended in next priority

Client Analysis by:-  

Client Representative:-
THERMOGRAPHY REPORT
Report No.: - 11

MAIN LOCATION : - 6.6 KV SWITCH GEAR ROOM

<table>
<thead>
<tr>
<th>Location</th>
<th>Equipment</th>
<th>Date</th>
<th>Max. Temp</th>
<th>Min. Temp</th>
<th>Diff. Temp</th>
<th>Avg. Temp</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.6 KV SWITCH GEAR ROOM</td>
<td>02A -0CLKD Lighting Board 2</td>
<td>28.10.2010</td>
<td>97.2</td>
<td>38.9</td>
<td>58.3</td>
<td>47.1</td>
</tr>
</tbody>
</table>

Objective:- R Φ

Basic Observation:- . R Φ is over heated.

Analysis & Recommendation:- R Φ temp. is in critical range so it should be attended immediately as per the severity.

Client Analysis by:-  

Client Representative:-
THERMOGRAPHY REPORT
Report No. :- 12

MAIN LOCATION :- VANTELLATION MOTORS

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</thead>
<tbody>
<tr>
<td>1 B VANTELLATION MOTORS</td>
<td>88 FX</td>
<td>28.10.2010</td>
<td>107.9</td>
<td>60.9</td>
<td>47.0</td>
<td>71.0</td>
</tr>
</tbody>
</table>

Objective:- Driving End

Basic Observation:- Driving End is over heated.

Analysis & Recommendation:- Driving End temp. is in critical range so it should be attended immediately as per the severity.

Client Analysis by:- Jaideep Porwal

Client Representative:-
THERMOGRAPHY REPORT
Report No. :- 13

MAIN LOCATION :- VANTELLATION MOTORS

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</thead>
<tbody>
<tr>
<td>1 B VANTELLATION</td>
<td>88 VG</td>
<td>28.10.2010</td>
<td>105.9</td>
<td>52.1</td>
<td>53.8</td>
<td>70.5</td>
</tr>
</tbody>
</table>

Objective:- Driving End

Basic Observation:- Driving End is over heated.

Analysis & Recommendation:- Driving End temp. is in critical range so it should be attended immediately as per the severity.

Client Analysis by:-

Client Representative:-