



Company SBI GENERAL INSURANCE

103-104-105, SHUKAN BUSINESS CENTER, SWASTIK
CROSS ROAD OFF. C.G. ROAD, AHMEDABAD-380009

Mobile:-9099935714

Device	FLIR E5-XT	Serial No:-	2419444
		Lens:-	Standard 32'
		Calibration on:-	20/08/21
		Calibration Valid Upto:-	19/08/22

Customer SATYESH BRINE CHEM PVT LTD.

W5C3+QFR, BHITARA MOTA, GUJARFAT 370627.

Mobile:- 07940004000

Measuring Date:- 10/11/2021

Task:- This examination was carried out according to EN 13187 using a thermal imager.



Measurements

Sp1	33.2 °C
Sp2	36.5 °C
Sp3	63.7 °C
Sp4	63.7 °C
Sp5	32.8 °C
Sp6	33.1 °C

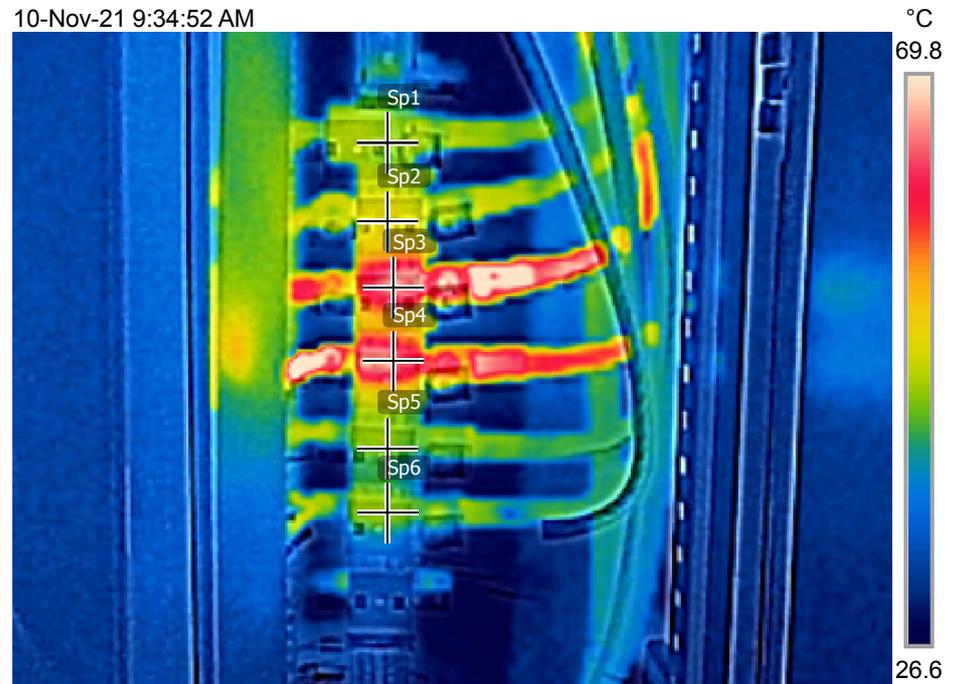
Parameters

Emissivity	0.95
Refl. temp.	20 °C

Unit:- Boiler 2

Location:- 5F MCC Panel

10-Nov-21 9:34:52 AM

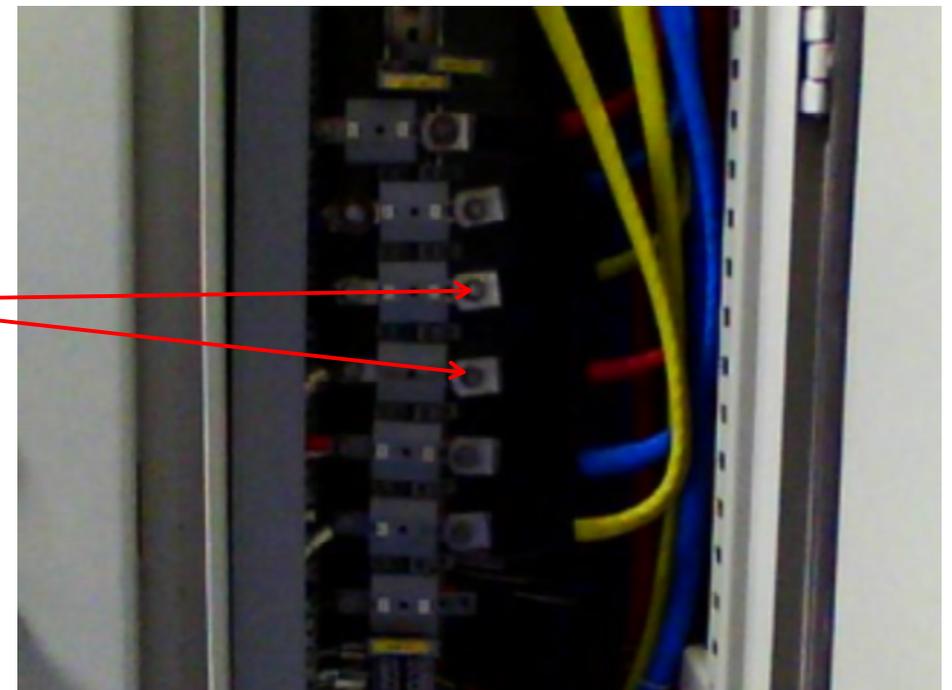


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FLIR E5

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Note:- High temp observed on sp3 and sp4 so please check for tightness of nut bolts and crimping of lugs.



Measurements

Bx1	Max	31.5 °C
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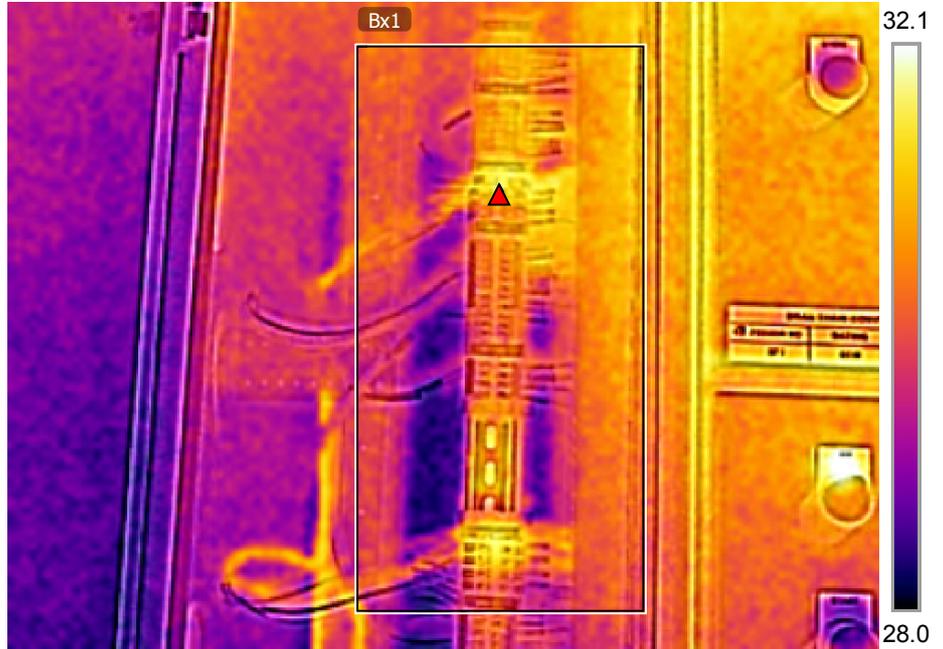
Parameters

Emissivity	0.95
Ref. temp.	20 °C

Unit:- Boiler 2

Location:- 1F MCC Panel

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FLIR E5

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FLIR2513.jpg

FLIR E5

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Note:- Maximum temp on 1F MCC Panel is 31.5°C, which is found normal.



Measurements

Bx1	Max	42.2 °C
	Min	27.9 °C
	Average	32.4 °C

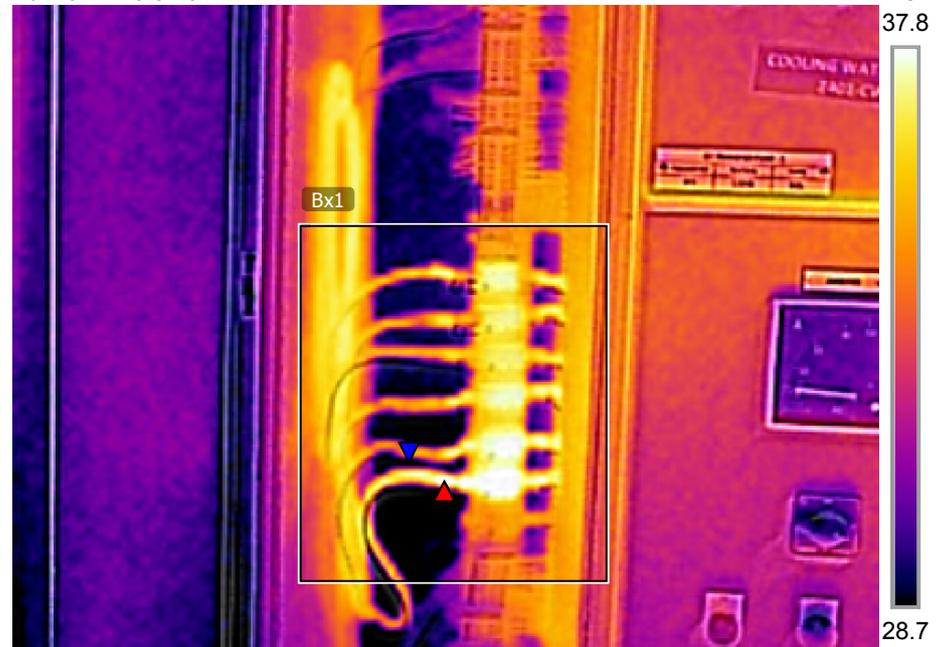
Parameters

Emissivity	0.95
Refl. temp.	20 °C

Unit:- Common Boiler

Location:- Mcc Panel

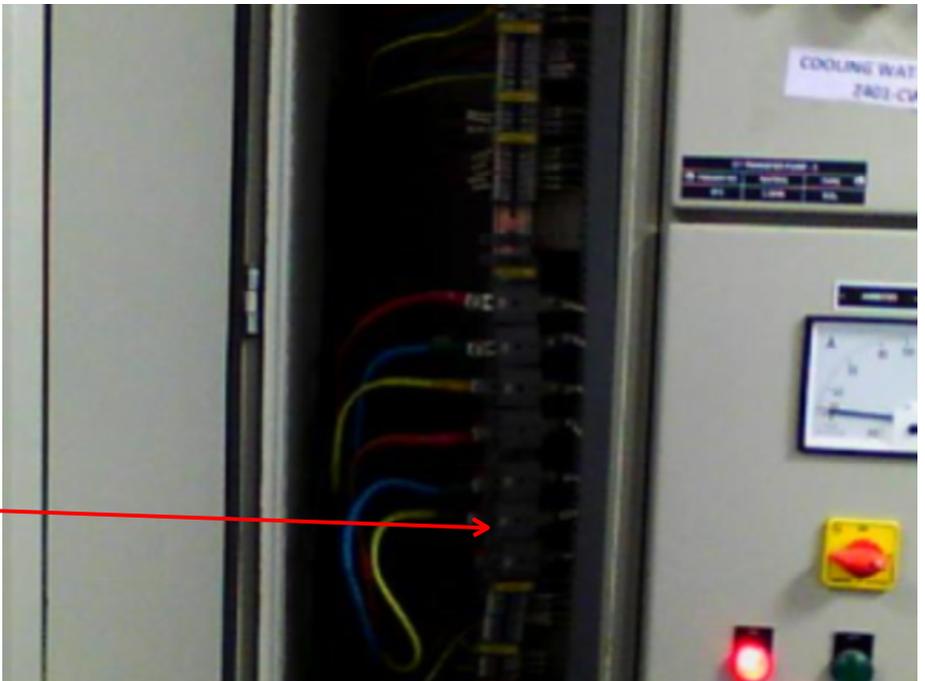
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FLIR E5

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FLIR2506.jpg

FLIR E5

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Note:- Maximum temp on 1F MCC Panel is 42.2°C, which is found normal.



Measurements

Bx2	Max	33.8 °C
	Min	27.4 °C
	Average	29.6 °C
Bx2	Max	30.9 °C
	Min	27.5 °C
	Average	29.6 °C

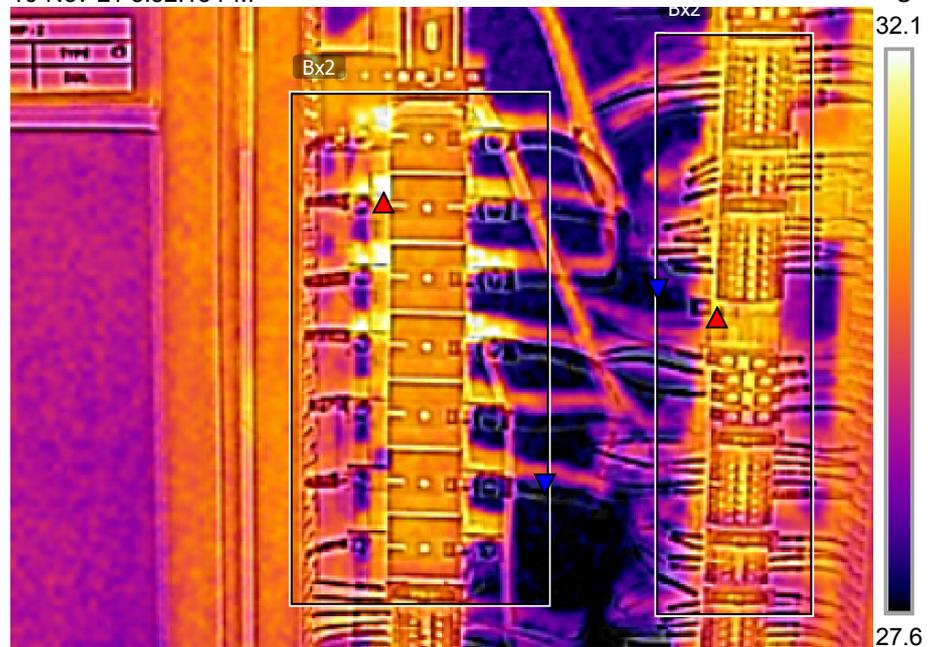
Parameters

Emissivity	0.95
Refl. temp.	20 °C

Unit:- Common Boiler

Location:- 3F MCC Panel

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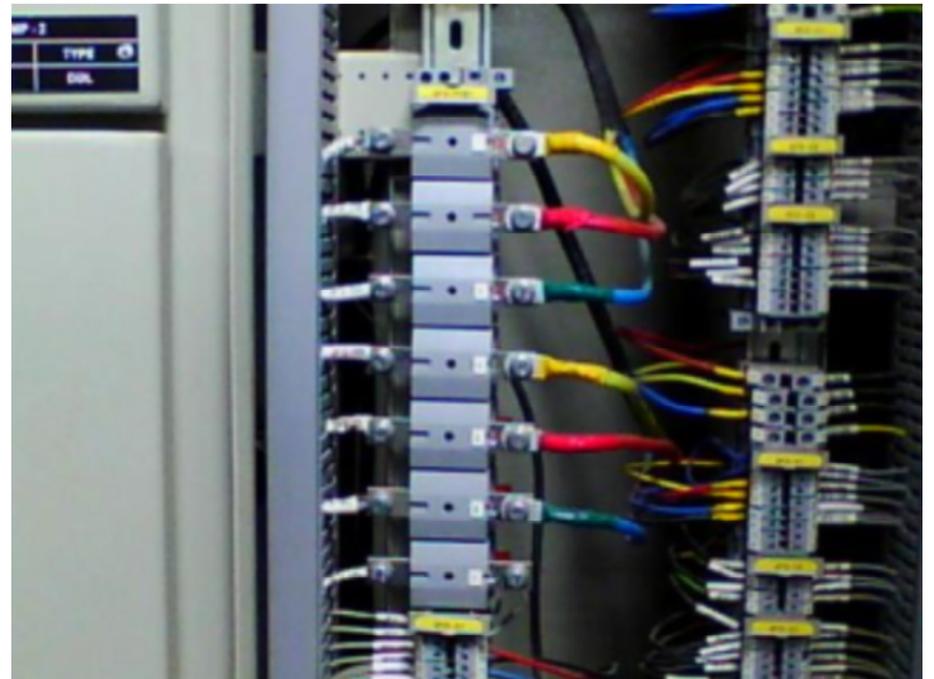


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FLIR E5

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FLIR2507.jpg

FLIR E5

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Note:- Maximum temp on 3F MCC Panel is 33.8°C, which is found normal.



Measurements

Bx1	Max	34.2 °C
	Min	28.2 °C
	Average	30.7 °C

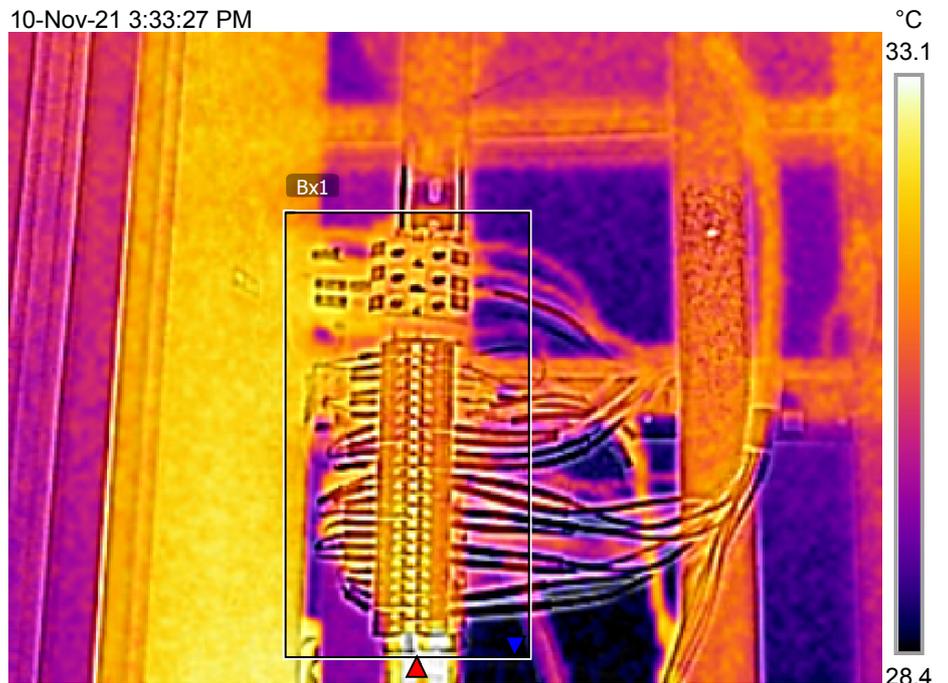
Parameters

Emissivity	0.95
Ref. temp.	20 °C

Unit:- Turbine

Location:- TG 1F Top MCC Panel

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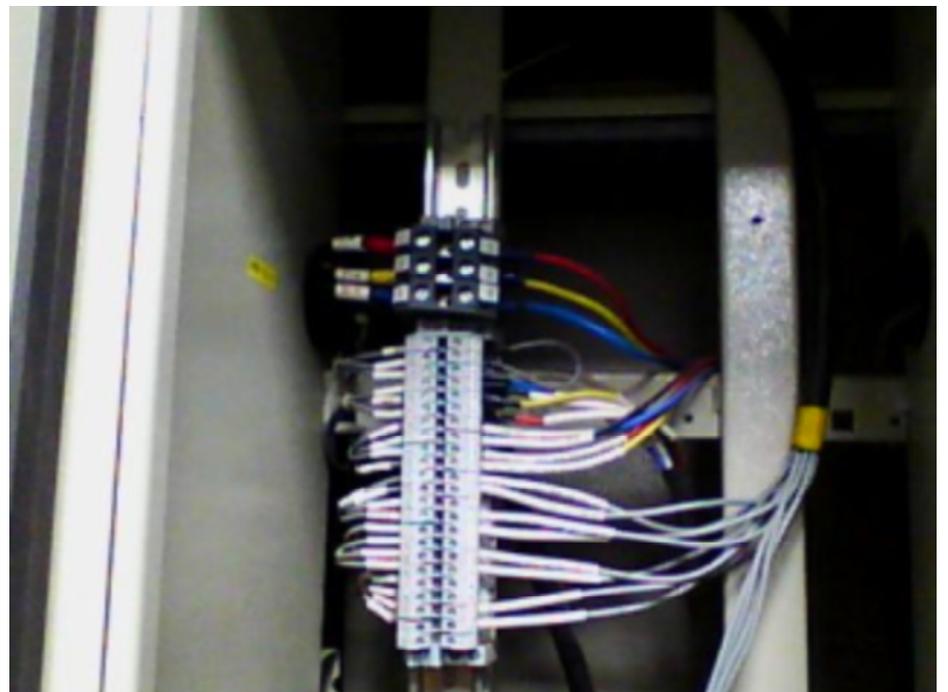


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FLIR E5

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Note:- Maximum temp on TG 1F TOP MCC Panel is 34.2°C, which is found normal.



Measurements

Bx1	Max	42.3 °C
	Min	27.3 °C
	Average	30.7 °C
Bx2	Max	47.1 °C
	Min	26.9 °C
	Average	30.5 °C

Parameters

Emissivity	0.95
Refl. temp.	20 °C

Unit:- Turbine

Location:- TG 1F Bottom MCC Panel

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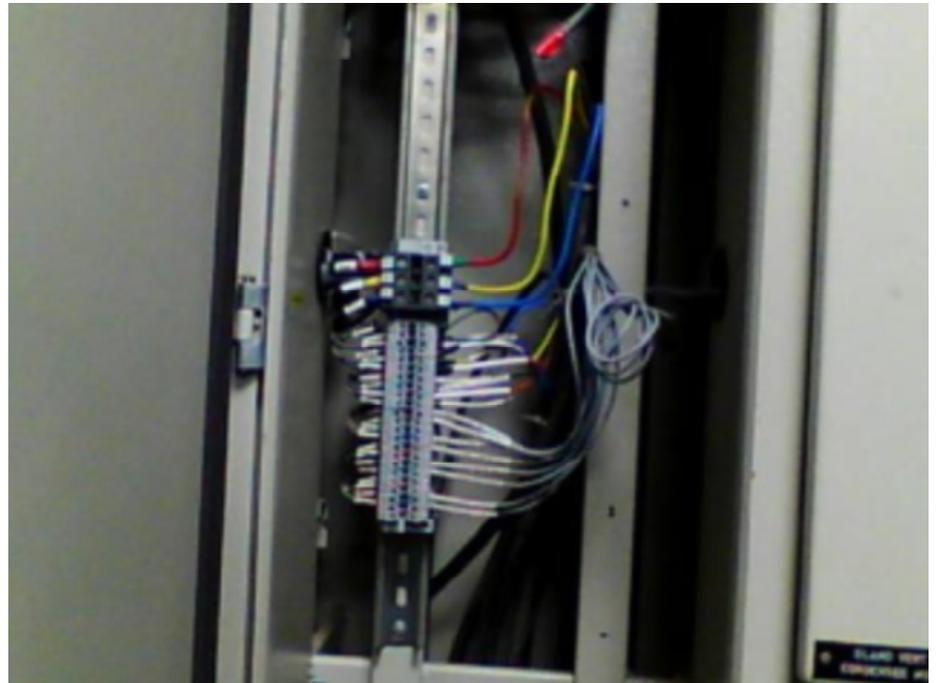


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FLIR E5

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FLIR E5

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Note:- Maximum temp on TG 1F Bottom MCC Panel Bx 2 is 47.1°C, which is found normal.



Measurements

Bx1	Max	40.7 °C
	Min	26.1 °C
	Average	29.0 °C
Sp1		37.0 °C

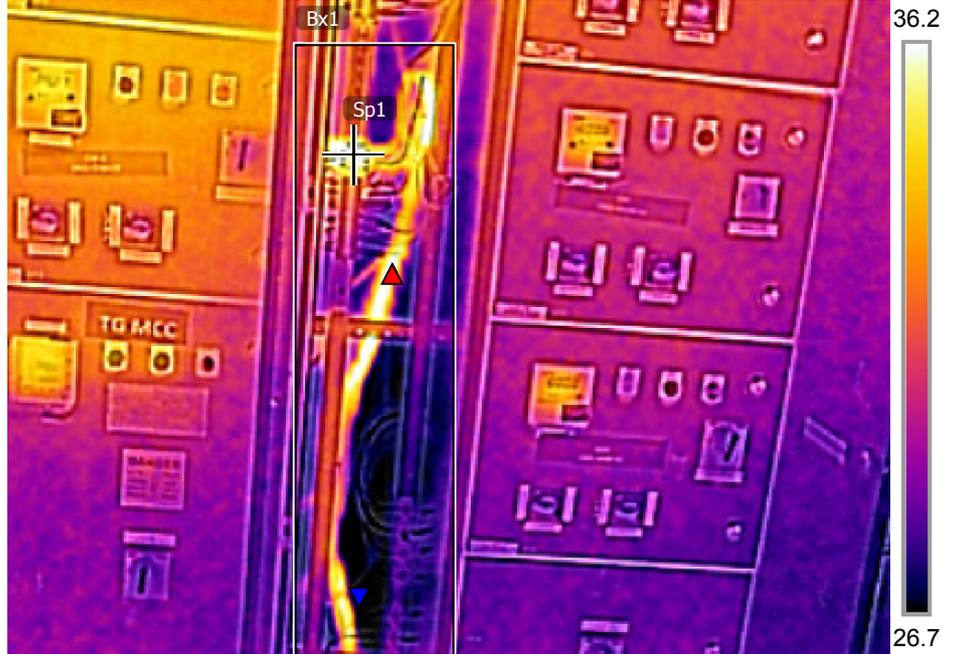
Parameters

Emissivity	0.95
Refl. temp.	20 °C

Unit:- Turbine

Location:- TG 1F Overview MCC Panel

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FLIR E5

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FLIR2510.jpg

FLIR E5

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Note:- Maximum temp on TG 1F MCC Overview Panel is 31.5°C, which is found normal.



Measurements

Bx1	Max	31.6 °C
	Min	30.1 °C
	Average	30.9 °C

Parameters

Emissivity	0.95
Ref. temp.	20 °C

Unit:- Cooling Water

Location:- 2R Right Side Top Panel

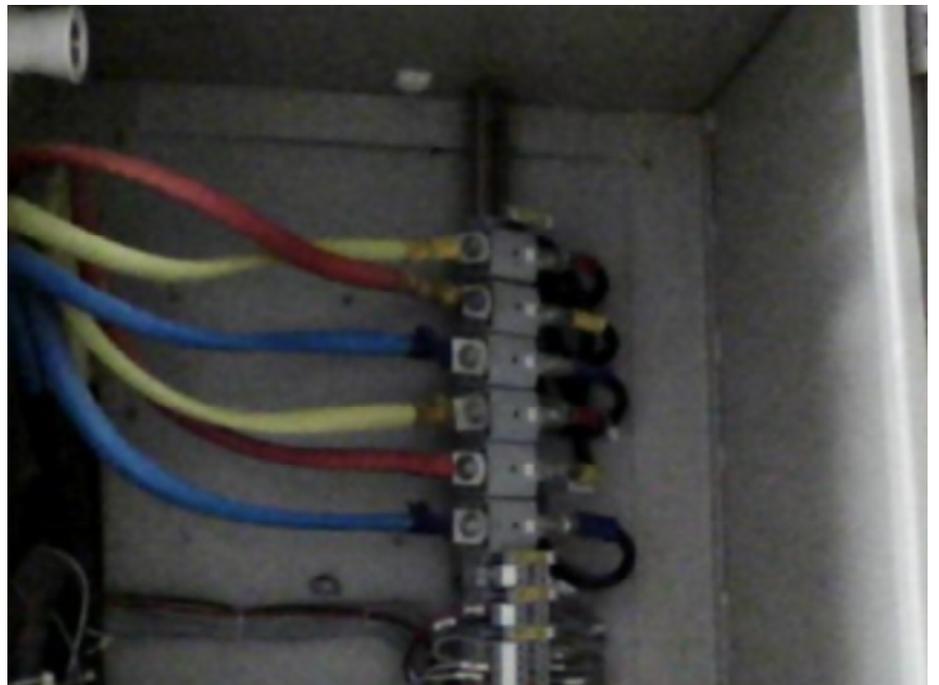
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FLIR E5

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FLIR2501.jpg

FLIR E5

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Note:- Maximum temp on 2R Right side Top Panel is 31.6°C, which is found normal.



Measurements

Bx1	Max	29.7 °C
	Min	28.3 °C
	Average	29.0 °C

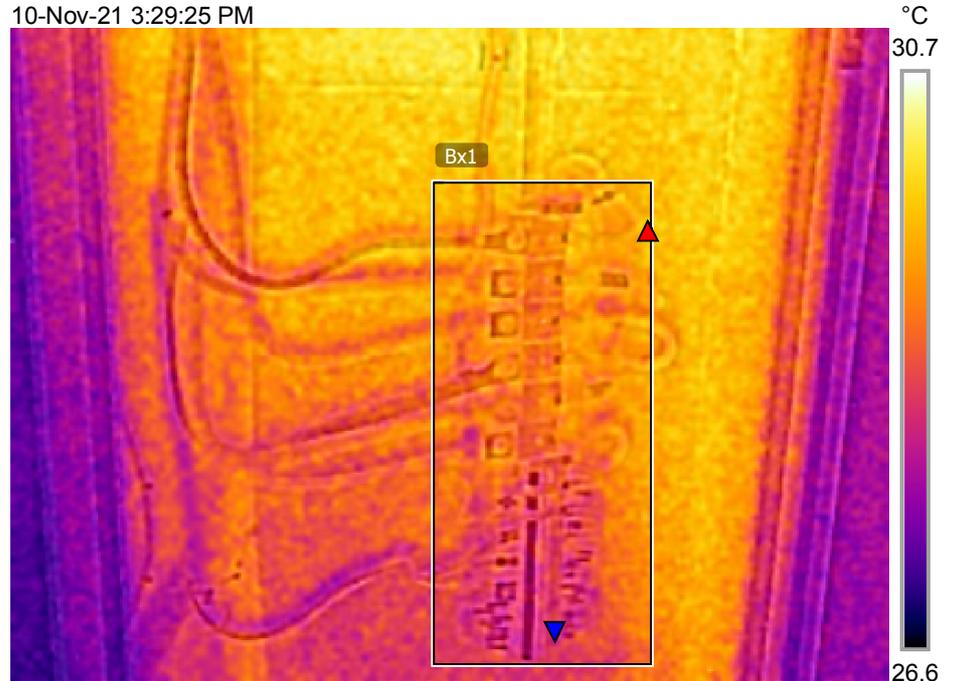
Parameters

Emissivity	0.95
Refl. temp.	20 °C

Unit:- Cooling Water

Location:- 2R Right Side Bottom Panel

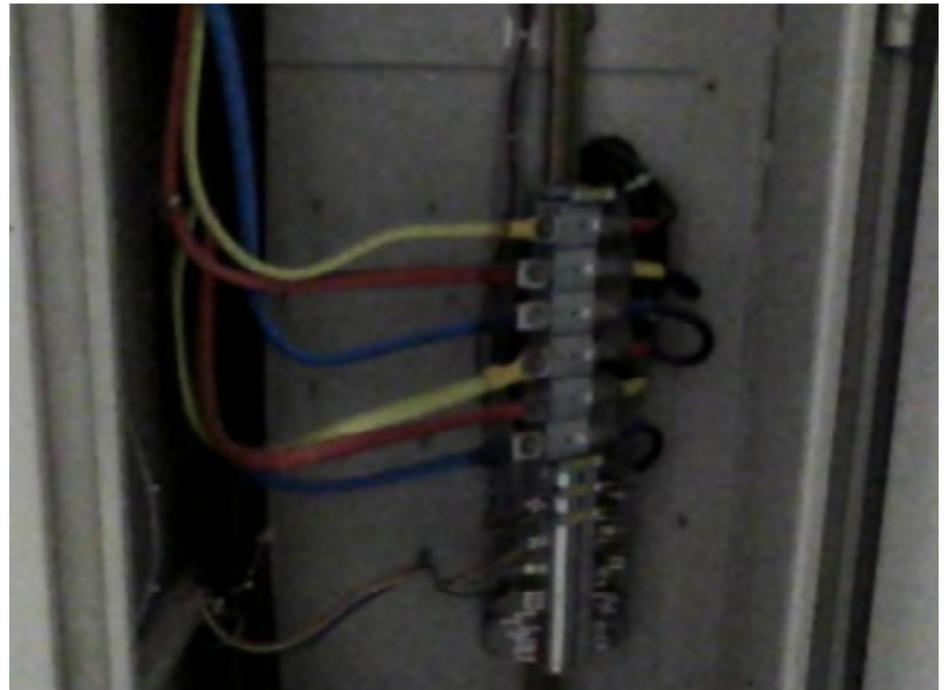
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FLIR E5

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Note:- Maximum temp on 2R Right side Bottom Panel is 29.7°C, which is found normal.



Measurements

Bx1	Max	48.5 °C
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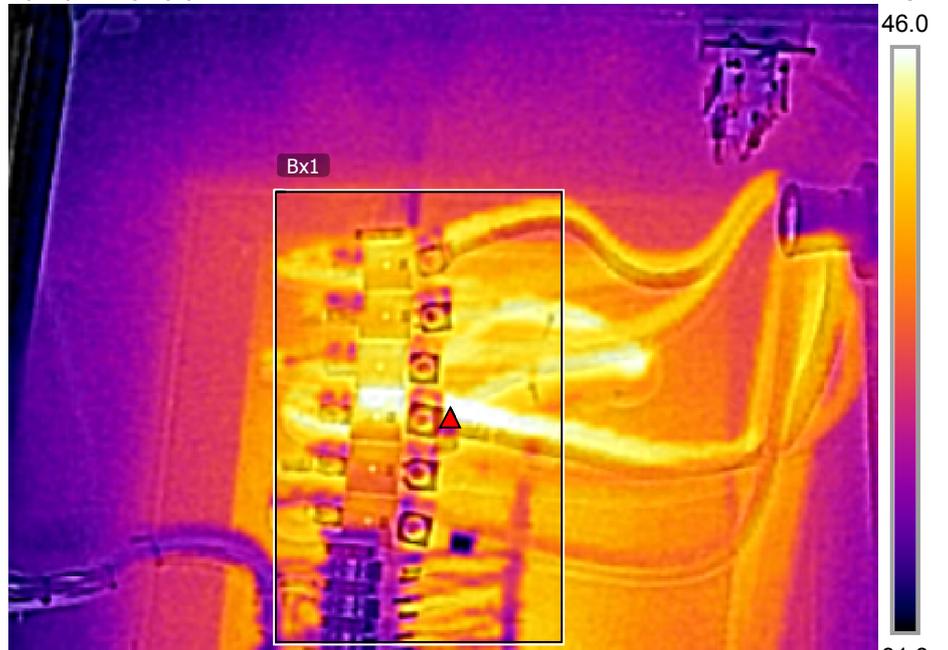
Parameters

Emissivity	0.95
Ref. temp.	20 °C

Unit:- Cooling Tower

Location:-2R Left Side Top Panel

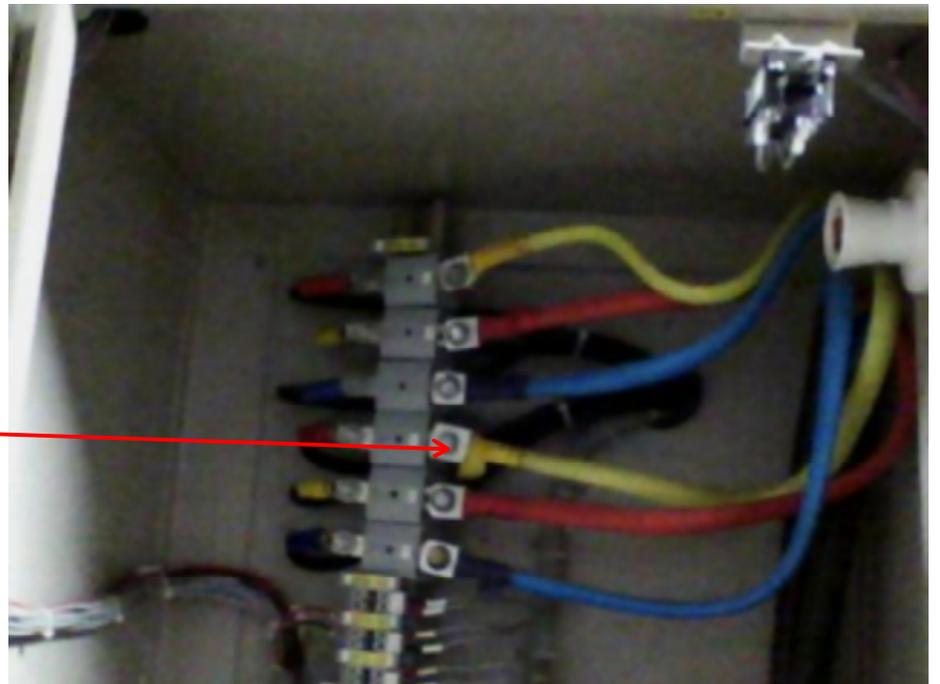
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FLIR E5

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Note:- Maximum temp on 2R Left side Top Panel is 48.6°C, which is found above normal so please check the tightness.



Measurements

Bx1	Max	98.7 °C
	Min	28.0 °C
	Average	35.2 °C
Sp1		89.4 °C

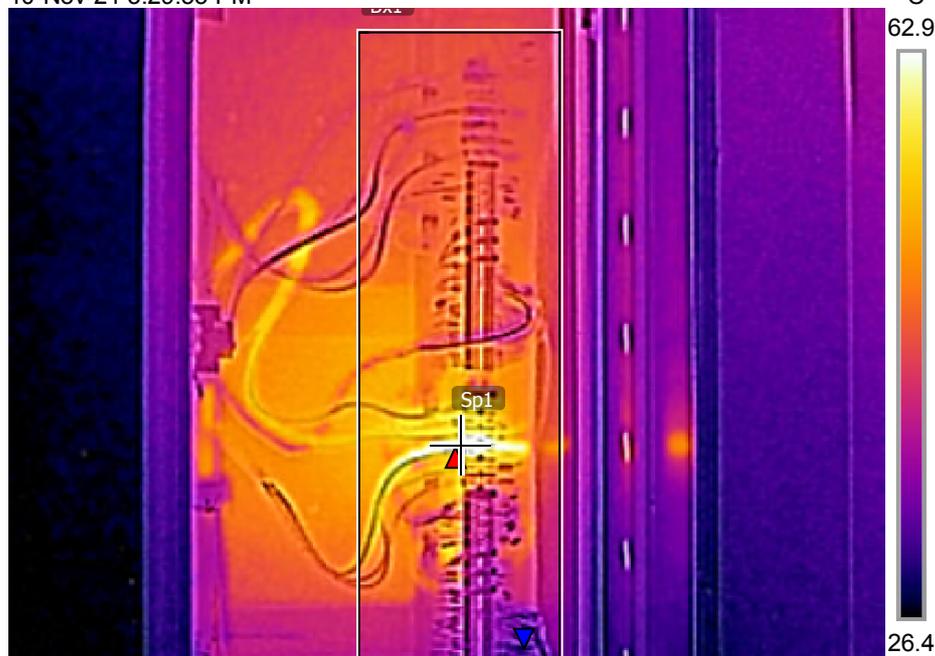
Parameters

Emissivity	0.95
Refl. temp.	20 °C

Unit:- Cooling Water

Location:- 3R Right Side Panel

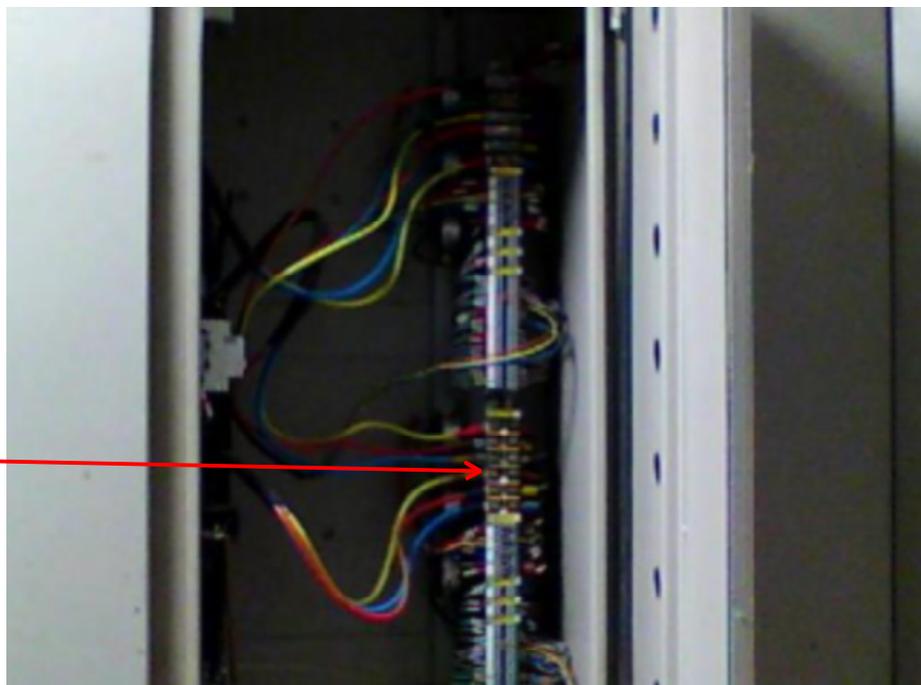
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FLIR E5

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Note:- Maximum temp on 3R Right side Panel is 98.6°C, which is found in High Alarm Zone. So please check tightness of nut bolts, crimping of lugs and take necessary actions asap.



Measurements

Bx1	Max	29.4 °C
	Min	26.3 °C
	Average	28.5 °C

Parameters

Emissivity	0.95
Ref. temp.	20 °C

Unit:- Cooling Water

Location:- 3R Right Side Panel

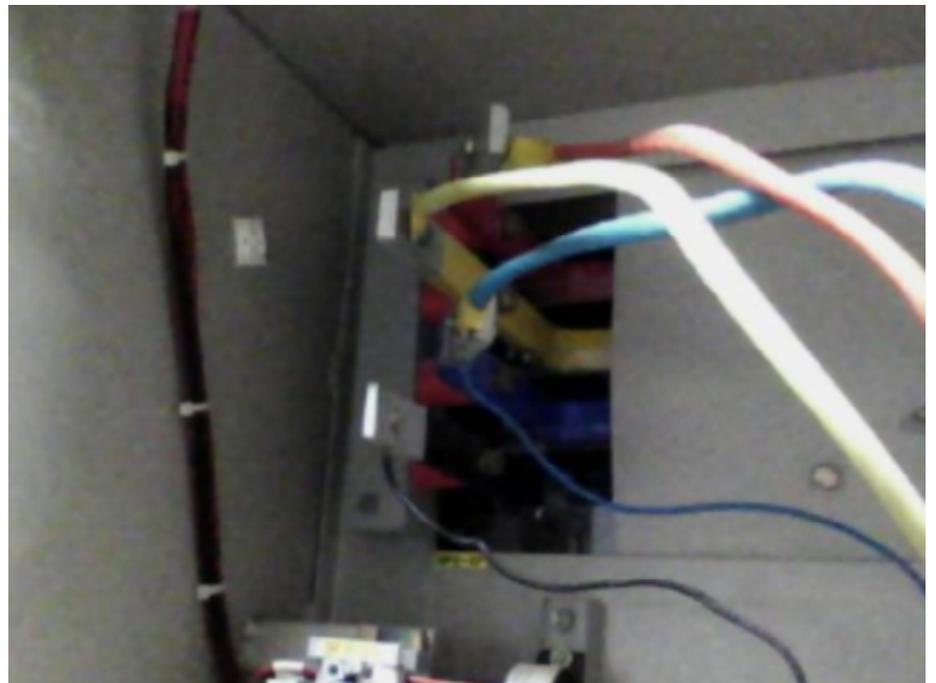
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FLIR E5

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FLIR E5

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Note:- Maximum temp on 3R Right side Panel is 29.4°C, which is found normal.



Measurements

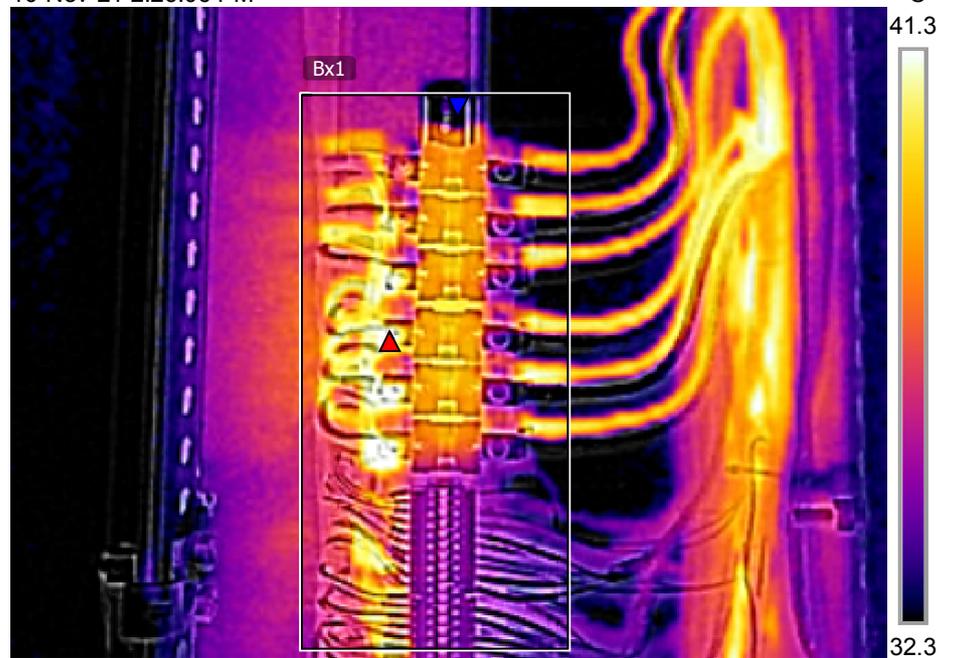
Bx1	Max	41.7 °C
	Min	31.0 °C
	Average	35.7 °C

Parameters

Emissivity	0.95
Ref. temp.	20 °C

Unit:- Bromine MCC
Location:- 9F Top Panel

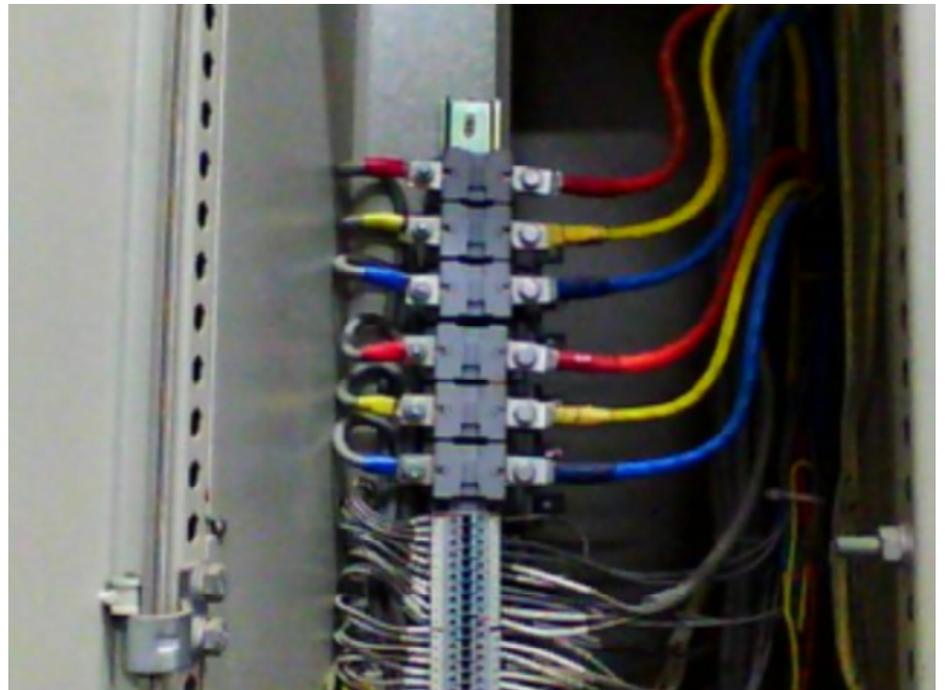
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FLIR E5

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Note:- Maximum temp on 9F Top Panel is 41.7°C, which is found normal.



Measurements

Bx1	Max	53.1 °C
	Min	31.6 °C
	Average	32.8 °C

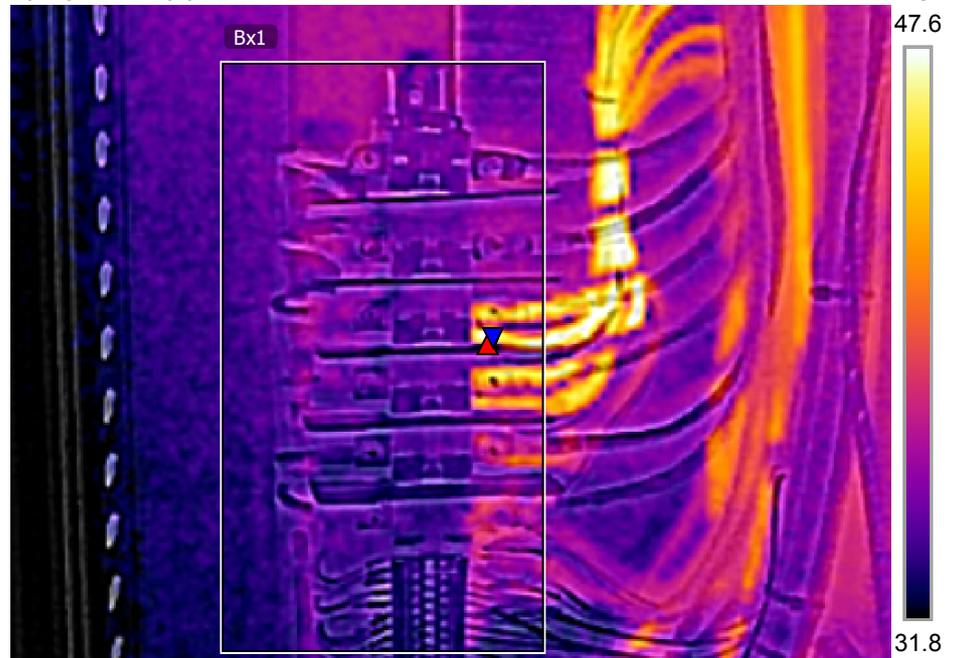
Parameters

Emissivity	0.95
Ref. temp.	20 °C

Unit:- Bromine MCC

Location:- 9F Bottom Panel

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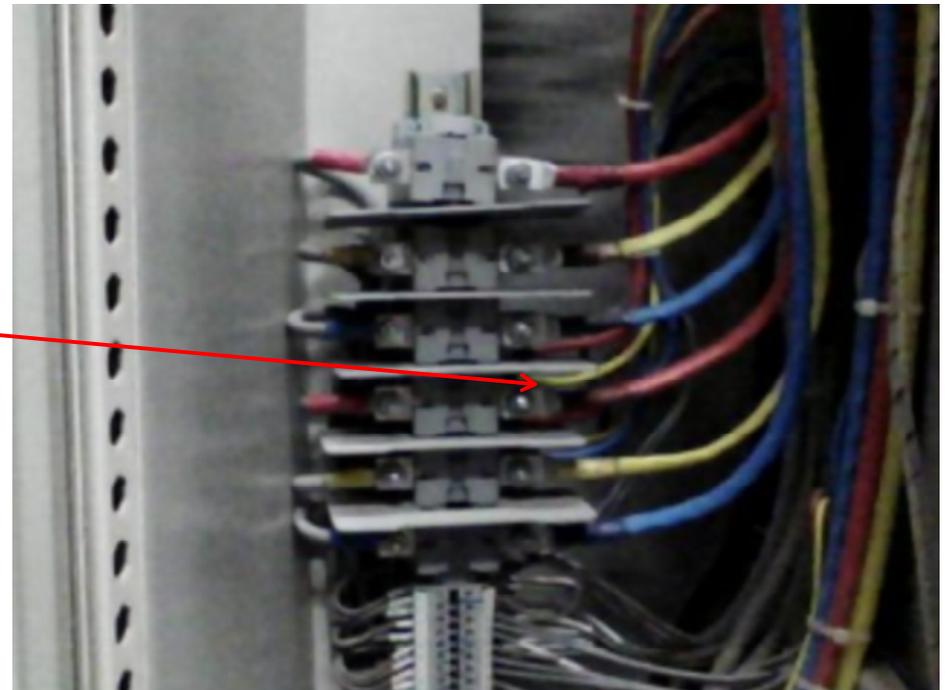


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FLIR E5

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FLIR E5

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Note:- Maximum temp on 9F Bottom Panel is 53.1°C, which is found in Keep Watching Zone and take necessary action if required.



Measurements

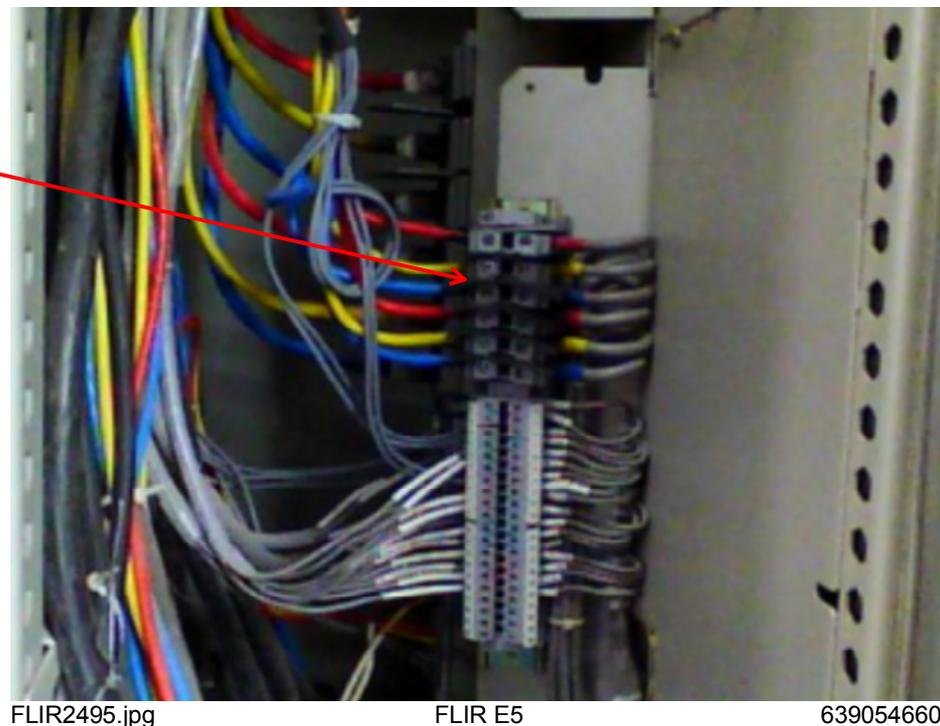
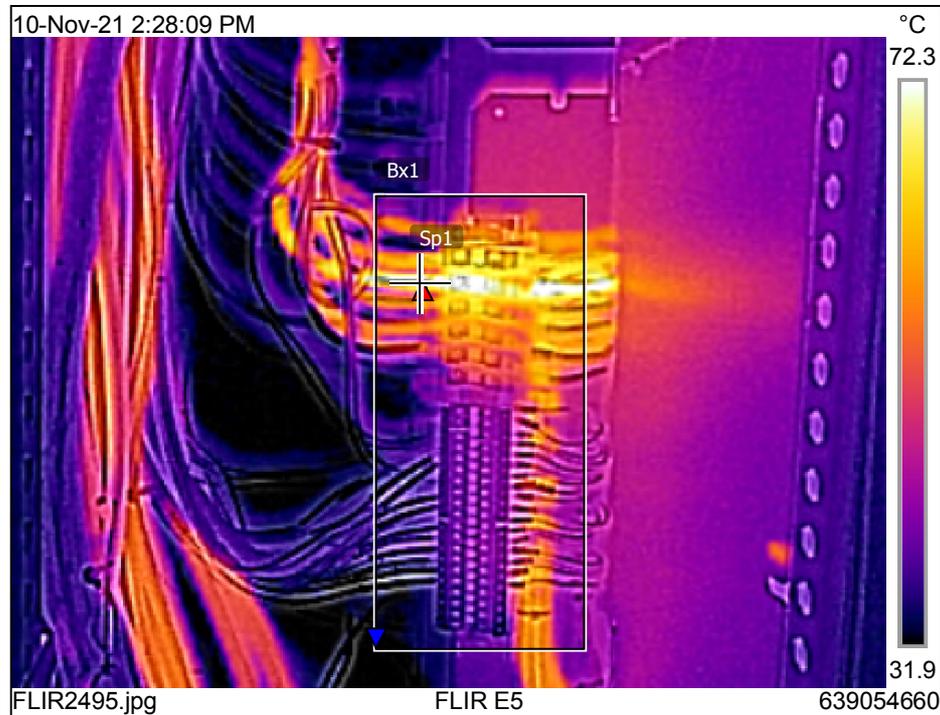
Bx1	Max	89.1 °C
	Min	31.5 °C
	Average	39.7 °C
Sp1		80.3 °C

Parameters

Emissivity	0.95
Refl. temp.	20 °C

Unit:- Bromine MCC

Location:- 9R Bottom Panel



Note:- Maximum temp on 9R Bottom Panel is 89.1°C, which is found in High Alarm Zone. So please check tightness of nut bolts, crimping of lugs and take necessary actions asap.



Measurements

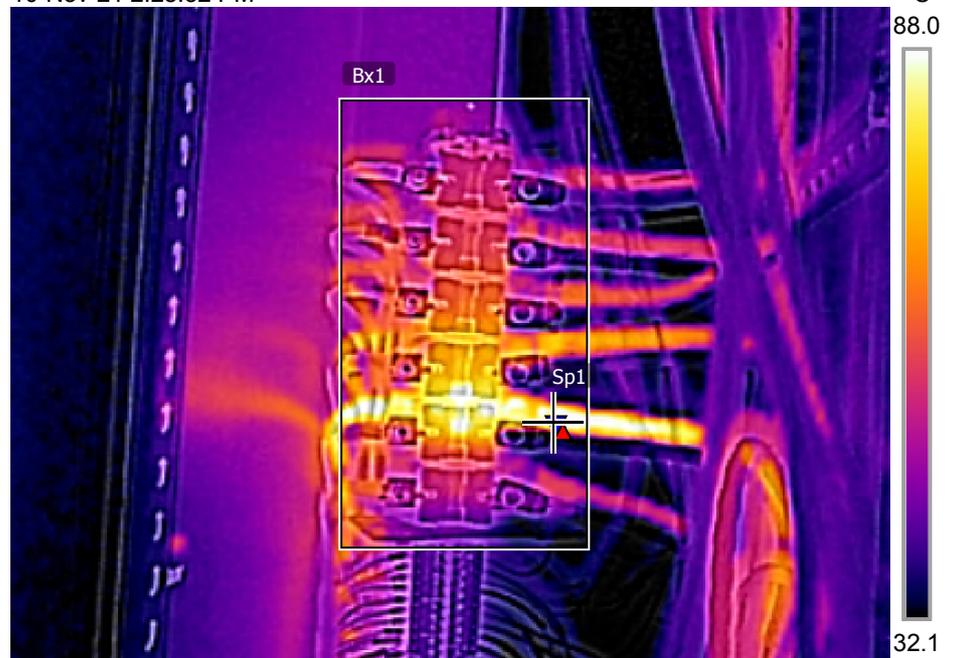
Bx1	Max	113.9 °C
	Min	29.1 °C
	Average	43.3 °C
Sp1		96.2 °C

Parameters

Emissivity	0.95
Refl. temp.	20 °C

Unit:- Bromine MCC
Location:- 8R Bottom Panel

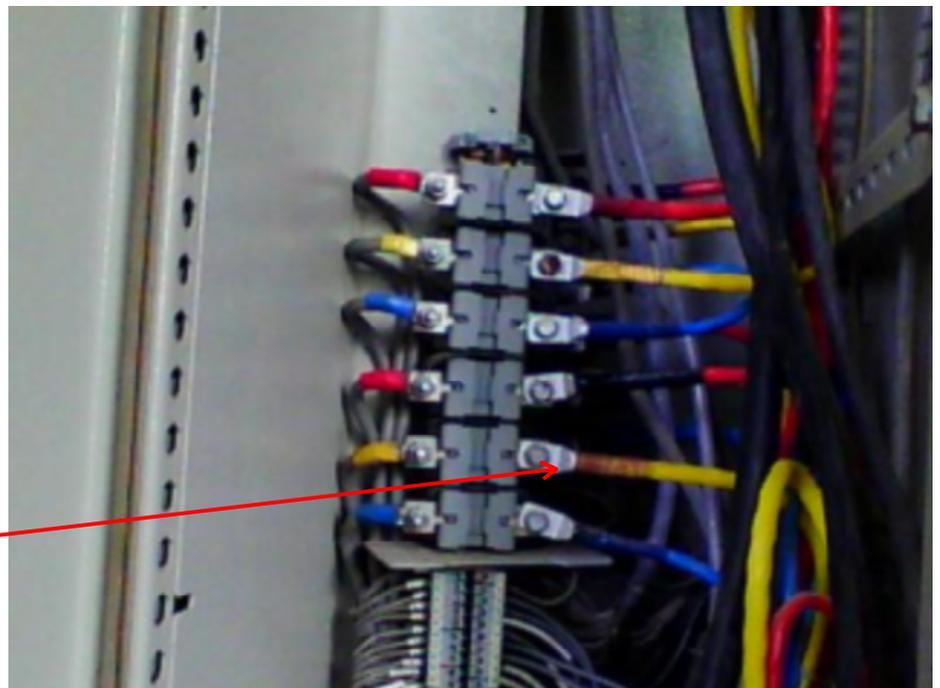
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Note:- Maximum temp on 8R Bottom Panel is 113.9°C, which is found in High Alarm Zone. So please check tightness of nut bolts, crimping of lugs and take necessary actions asap.



Measurements

Bx1	Max	85.6 °C
	Min	27.8 °C
	Average	38.1 °C
Sp1		66.3 °C
Sp2		60.3 °C
Sp3		64.5 °C

Parameters

Emissivity	0.95
Ref. temp.	20 °C

Unit:- Desalination

Location:- High Pressure Pump A

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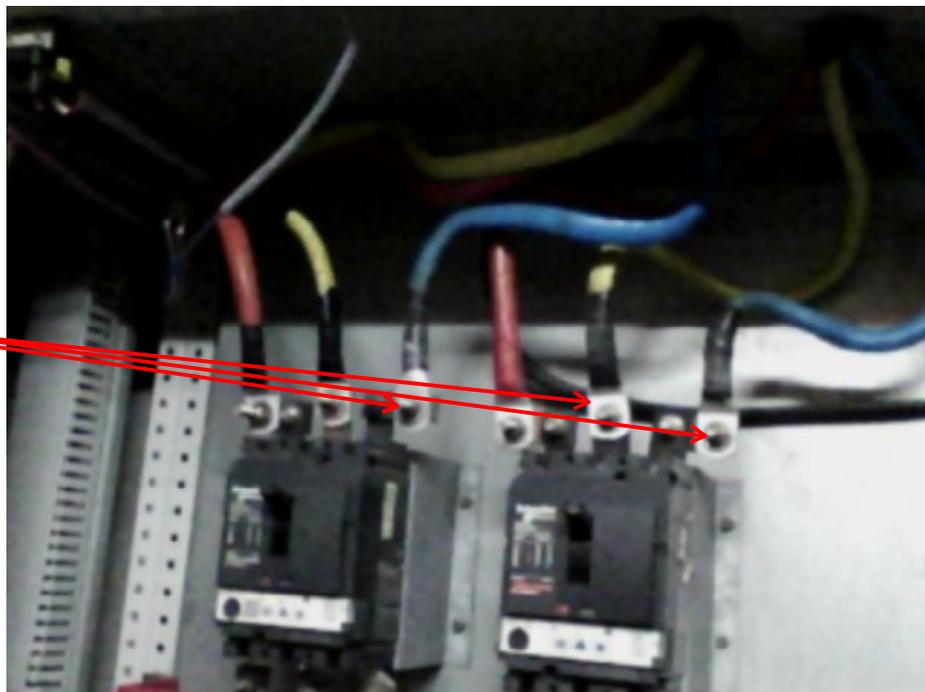


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FLIR E5

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Note:- Maximum temp on High Pressure Pump A is 85.6°C,66.3°C, 60.3°C, 64.5°C which is found in Keep Watching Zone. Tight the Lugs and if required take necessary action.



Measurements

Bx1	Max	46.4 °C
	Min	28.1 °C
	Average	35.0 °C

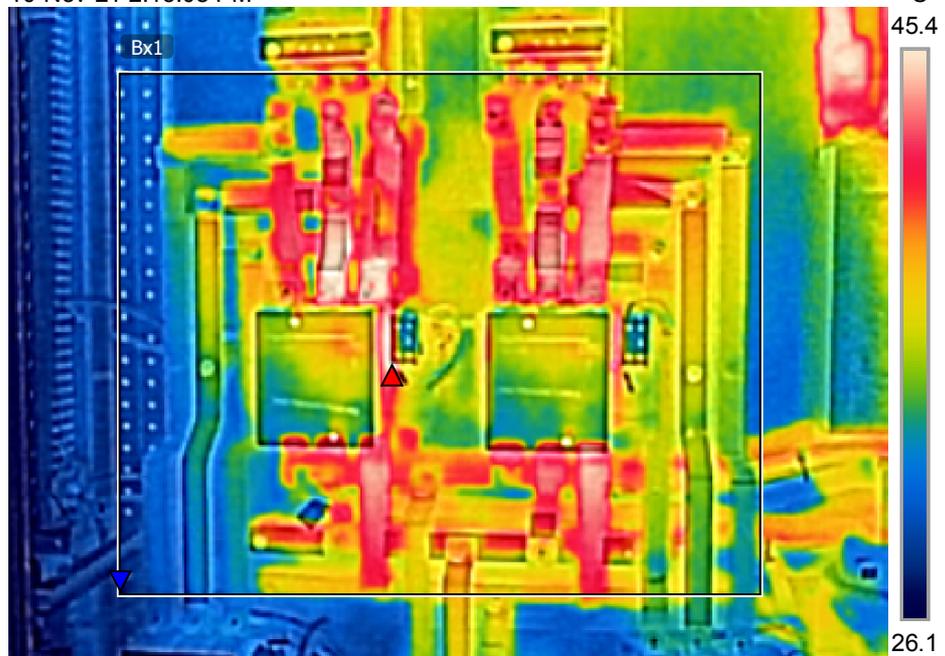
Parameters

Emissivity	0.95
Ref. temp.	20 °C

Unit:-desalination

Location:- High Pressure Pump B

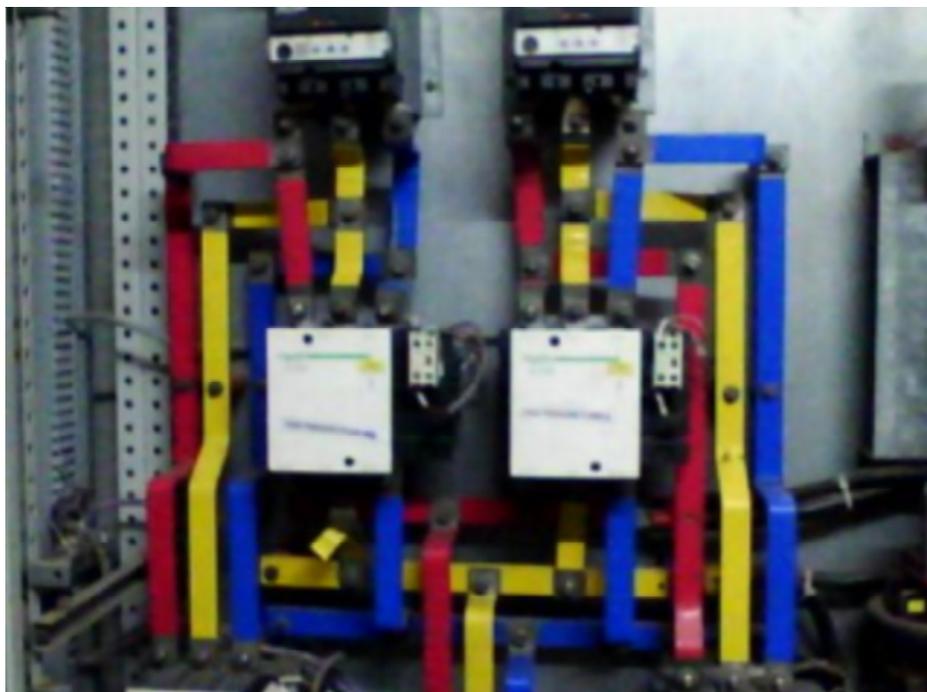
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FLIR E5

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Note:- Maximum temp on High Pressure Pump B is 46.4°C, which is found normal.



Measurements

Bx1	Max	62.9 °C
Bx2	Max	57.0 °C
	Min	33.4 °C
	Average	40.7 °C
Bx3	Max	61.7 °C
	Min	32.0 °C
	Average	41.7 °C

Parameters

Emissivity	0.95
Ref. temp.	20 °C

Unit:- Desalination Location:- Main Feeder

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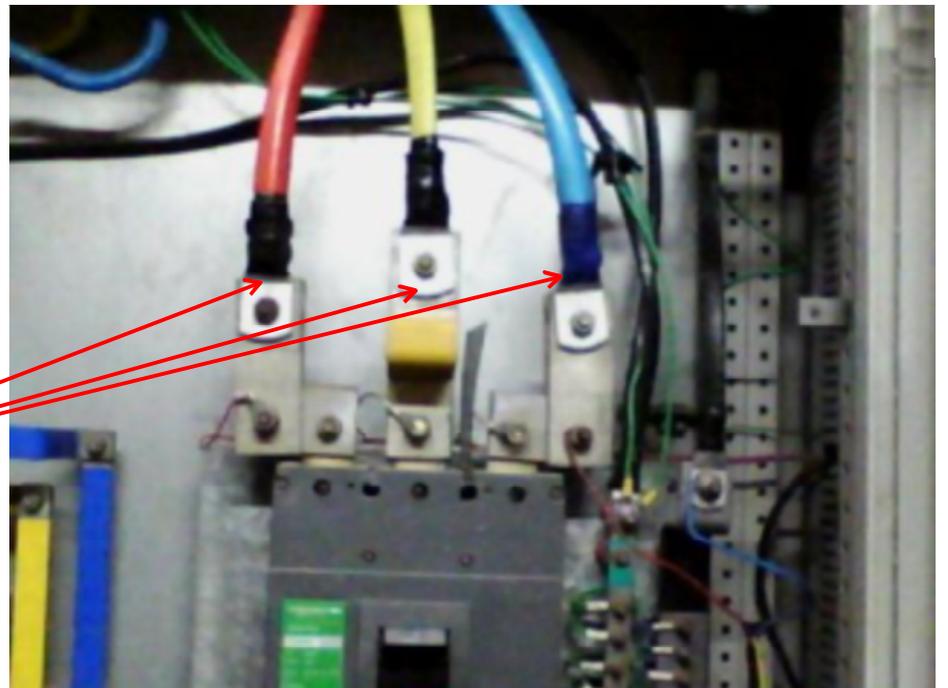


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FLIR E5

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FLIR2488.jpg

FLIR E5

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Note:- Maximum temp on Main Feeder is 62.9°C, 57.0°C, 61.7°C, which is found in Keep Watching Zone take necessary action if required.



Measurements

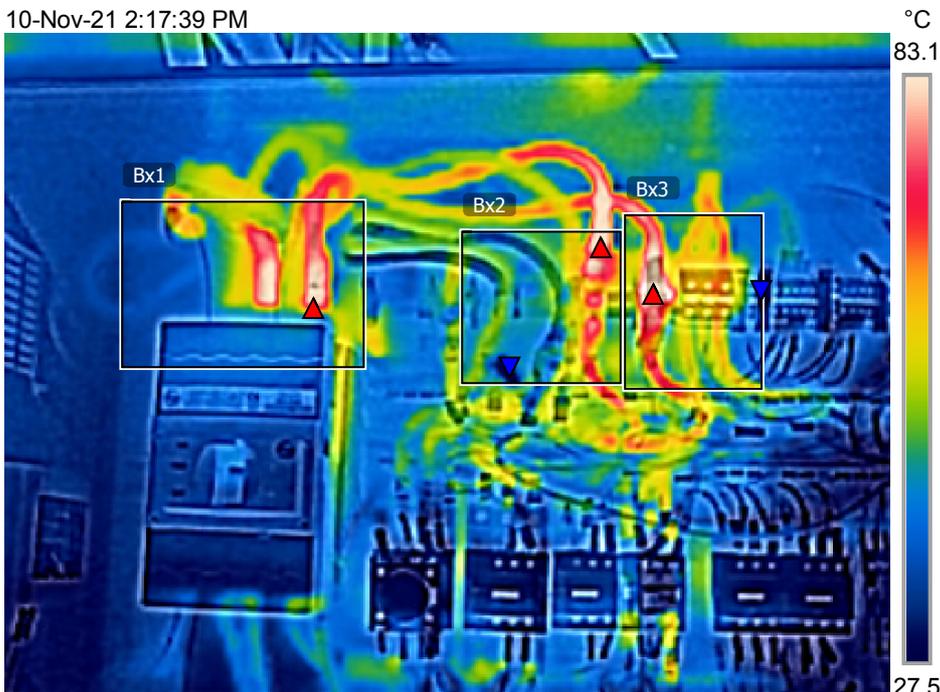
Bx1	Max	94.3 °C
Bx2	Max	118.0 °C
	Min	24.6 °C
	Average	39.1 °C
Bx3	Max	92.9 °C
	Min	28.5 °C
	Average	43.5 °C

Parameters

Emissivity	0.95
Refl. temp.	20 °C

**Unit:- Desalination
Location:- BWRO Panel**

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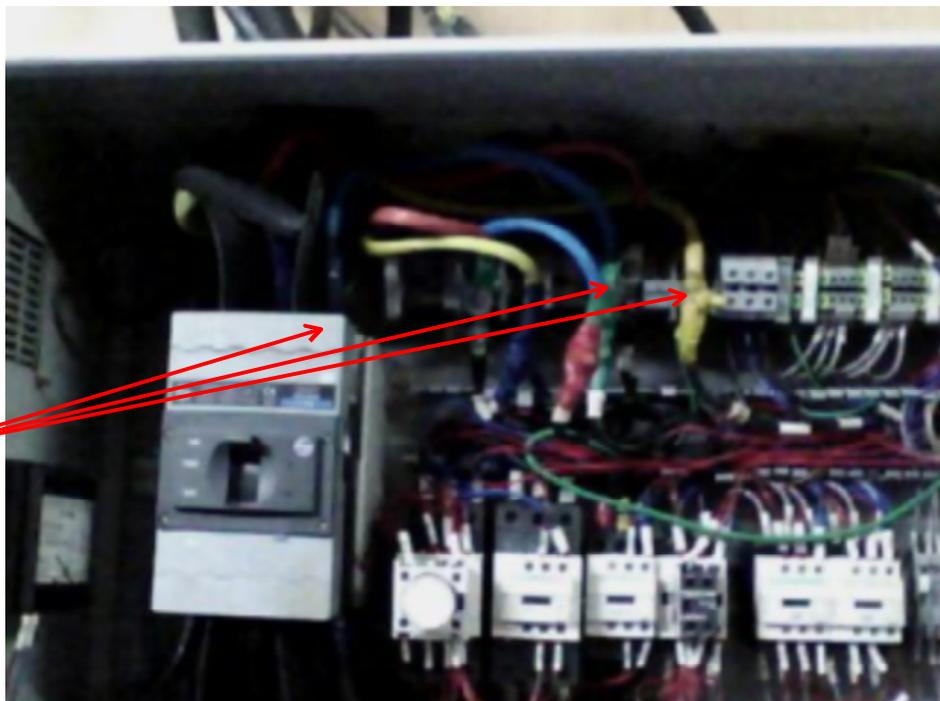


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FLIR E5

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FLIR E5

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Note:- Maximum temp on BWRO Panel is 94.3°C, 118.0°C, 92.9°C, which is found in High Alarm Zone. Tight the Lugs, Change the wire and take necessary action if required.



Measurements

Bx1	Max	122.5 °C
Bx2	Max	74.7 °C
	Min	27.9 °C
	Average	42.2 °C
Bx3	Max	43.4 °C
	Min	26.2 °C
	Average	29.4 °C

Parameters

Emissivity	0.95
Refl. temp.	20 °C

Unit:- Desalination

Location:- DAF Panel

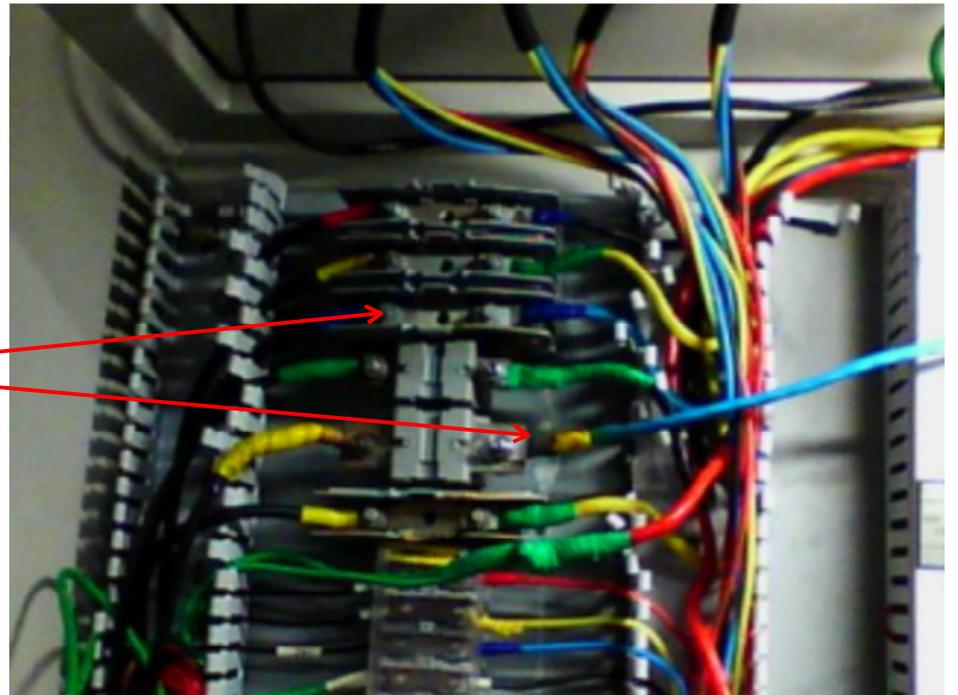
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FLIR E5

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FLIR2491.jpg

FLIR E5

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Note:- Maximum temp on DAF Panel is 122.5°C,74.7°C, which is found in High Alarm Zone. Tight the Lugs, change the cable and take necessary action if required.



Measurements

Bx1	Max	42.7 °C
	Min	26.8 °C
	Average	31.7 °C

Parameters

Emissivity	0.95
Ref. temp.	20 °C

Unit:- Desalination
Location:- DAF Panel

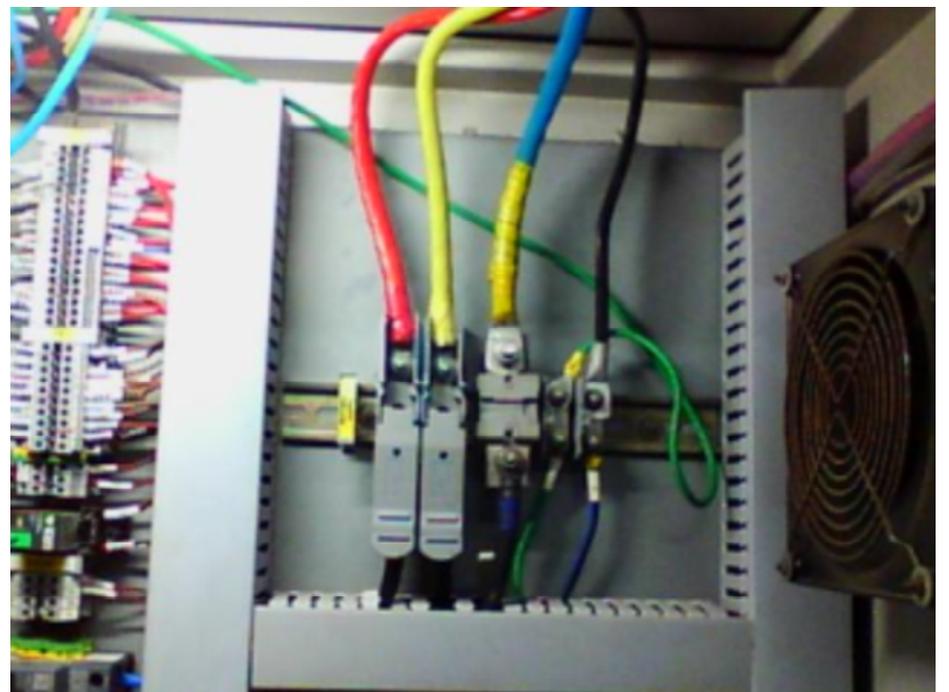
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FLIR E5

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FLIR2492.jpg

FLIR E5

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Note:- Maximum temp on DAF Panel is 42.7°C, which is found normal



Measurements

Bx1	Max	44.7 °C
	Min	31.9 °C
	Average	34.8 °C
Bx2	Max	39.8 °C
	Min	31.3 °C
	Average	34.7 °C

Parameters

Emissivity	0.95
Refl. temp.	20 °C

Unit:- Washry Room

Location:- Front

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FLIR2497.jpg
10-Nov-21 3:04:14 PM

FLIR E5

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FLIR E5

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Note:- Maximum temp on Washry Room MCC Front Panel is 44.7°C, which is found normal



Measurements

Bx1	Max	37.3 °C
	Min	33.1 °C
	Average	34.9 °C

Parameters

Emissivity	0.95
Ref. temp.	20 °C

Unit:- Washry Room
Location:- Rear

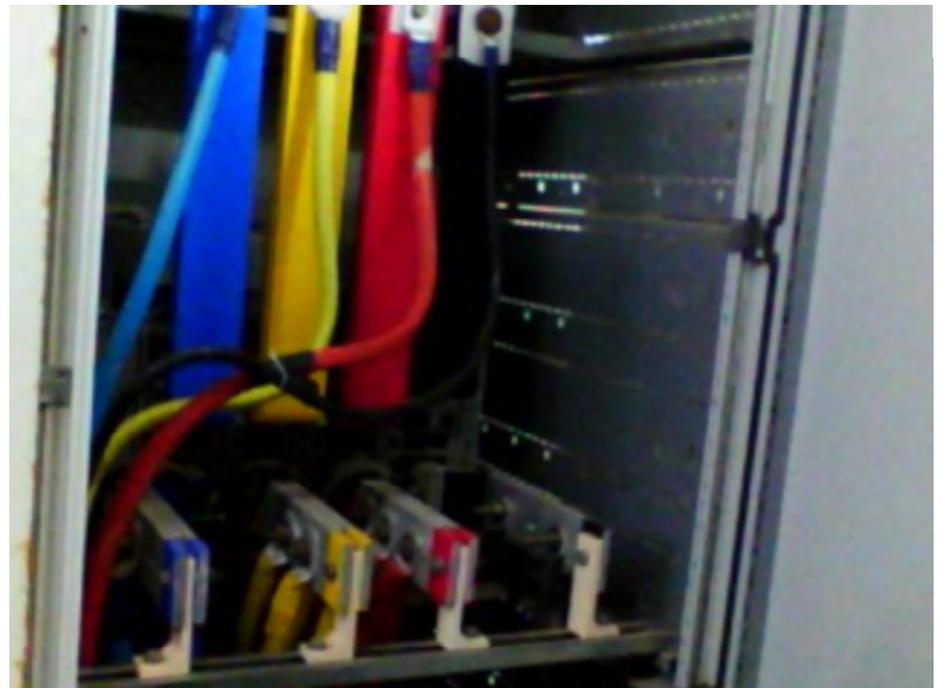
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FLIR E5

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FLIR2498.jpg

FLIR E5

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Note:- Maximum temp on Washry Room MCC Rear Panel is 37.3°C, which is found normal.



Measurements

Bx1	Max	40.1 °C
	Min	35.9 °C
	Average	38.5 °C
Bx2	Max	70.7 °C
	Min	35.8 °C
	Average	39.9 °C

Parameters

Emissivity	0.95
Refl. temp.	20 °C

Unit:- Washry Room

Location:- Cable Chamber Front

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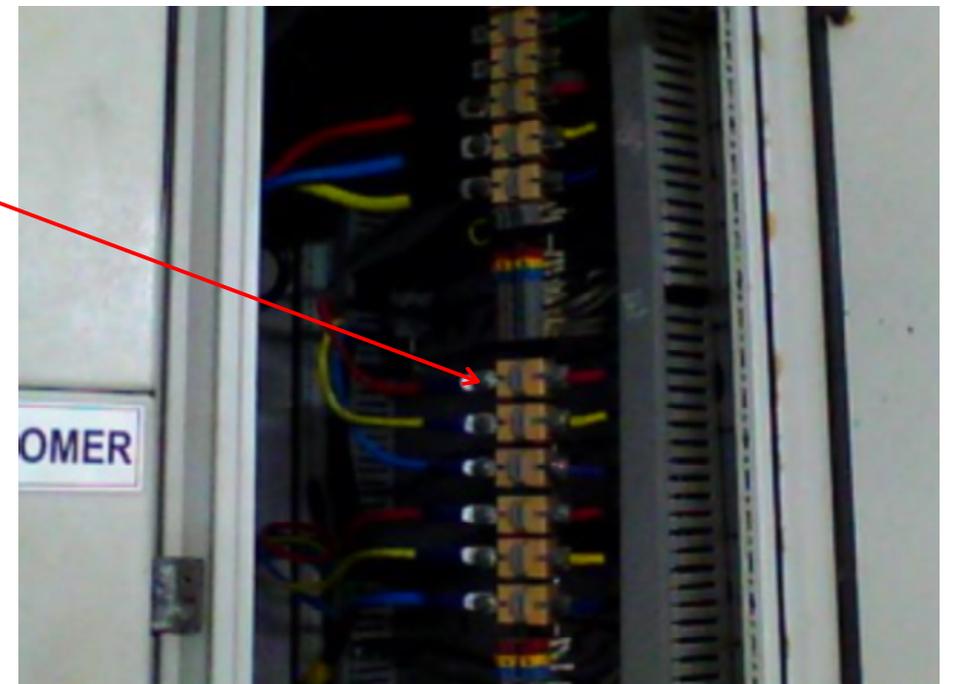


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FLIR E5

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FLIR2499.jpg

FLIR E5

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Note:- Maximum temp on Washry Room MCC Cable chamber is 70.7°C, which is found in Alarm zone so change the lug or cable.



Measurements

Bx1	Max	208.5 °C
Bx2	Max	136.1 °C
	Min	32.6 °C
	Average	41.3 °C
Bx3	Max	125.9 °C
	Min	31.2 °C
	Average	40.2 °C

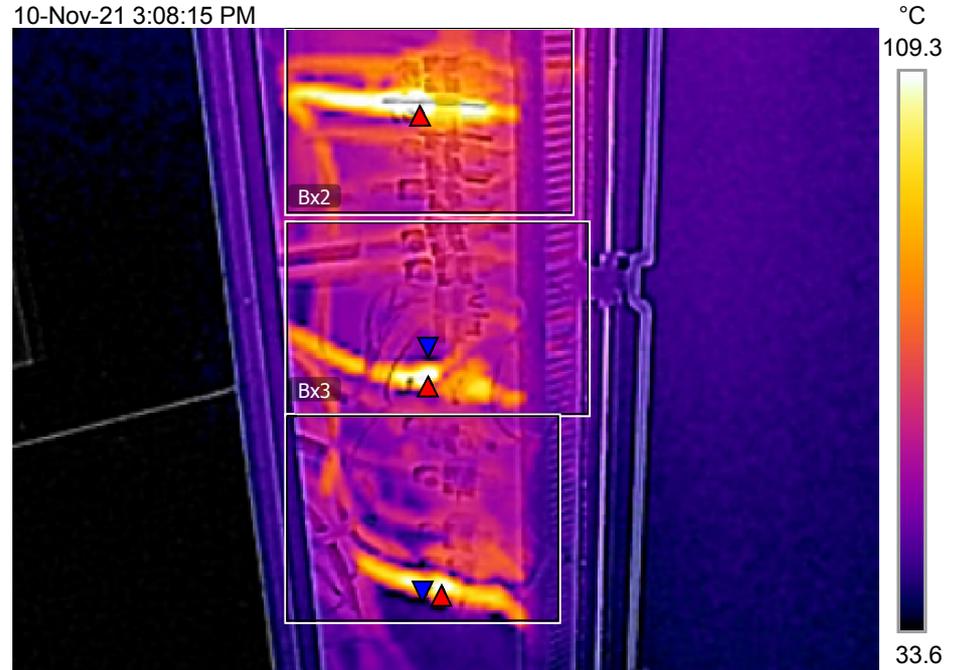
Parameters

Emissivity	0.95
Ref. temp.	20 °C

Unit:- Washry Room

Location:- Cable Chamber Front

10-Nov-21 3:08:15 PM



FLIR2500.jpg
10-Nov-21 3:08:15 PM

FLIR E5

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FLIR2500.jpg

FLIR E5

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Note:- Maximum temp on Washry Room MCC Cable chamber is 208.5°C, 136.1°C, 125.9°C which is found in High Alarm zone so change the lug or cable or take necessary action if required.