

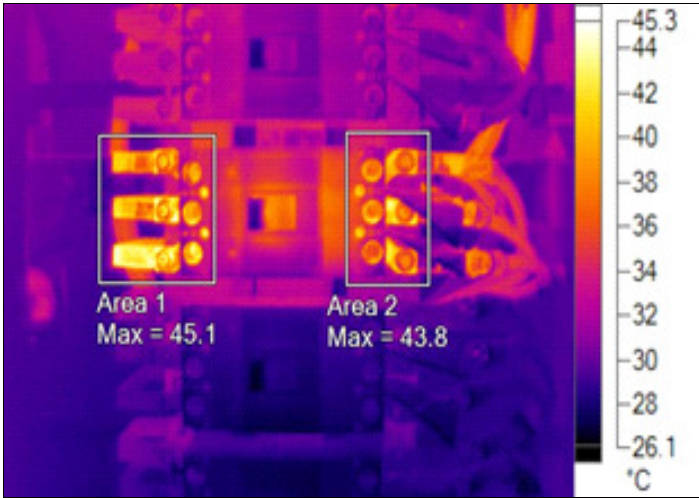


SMART-TECH ELECTRO-INDUSTRIAL SYSTEMS, INC.

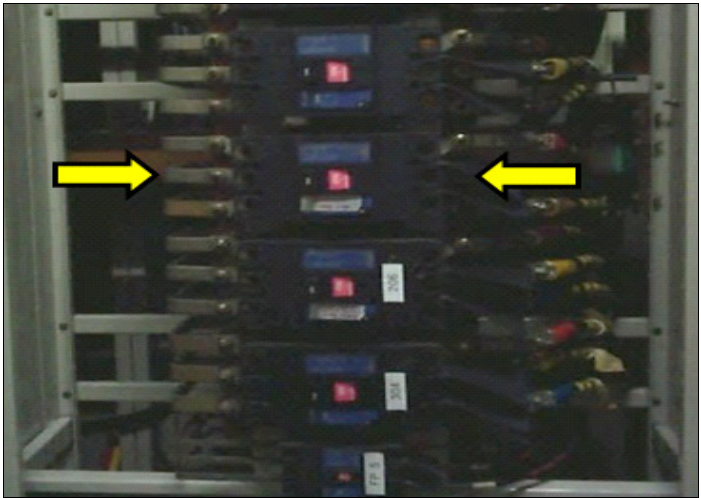
GEN. CONTRACTOR • DESIGNERS • PLANNERS • CONSULTANTS
• POWER SUBSTATION ENGINEERS • SUPPLIER / IMPORTER •



Customer	TERUMO PHILIPPINES CORPORATION	Reference No.	2023-0022
		Report No.	01
Address	124 East Main Avenue, Laguna Techno park Inc. Biñan, Laguna	Inspection Dates	Remarks
Location	Plant 1, Ground Floor, Electrical Room-3		
Equipment ID	MSB-3		
Component	300AT, 3P, CB.no.5		



Thermograph



Reference

Data

Subjects Measured Temperature			Amb.	Δ T	E	Category of Anomaly	
Hotspot	Description	Temp. °C	T °C	Temp Diff	(Emissivity)		
Area 1	Line side	45.1 °C	28.5 °C	16.6 °C	0.95	2nd STAGE	INTERMEDIATE
Area 2	Load side	43.8 °C	28.5 °C	15.3 °C	0.95	2nd STAGE	INTERMEDIATE

Subject	AT		Type of	Brand		Load Current			
Description	Rating	Pole	Breaker	Catalog No.	Size of Wire	ØA	ØB	ØC	Remarks
Branch CB. 5	300	3	MCCB	Mitsubishi	Busbar Conn.	206A	249A	210A	Hot-spot

Evaluation

Elevated temperature was detected and the problem persists. Though, the situatuon is still manageable and allowable.

Recommendation

- For close monitoring.

Corrective Action Taken

- Check/clean terminals & Retighten all bolted connections.

Date

December 28, 2023

Done by

SMART-TECH

Undertaken By SMART-TECH

Date December 26, 2023

Inspected/Evaluated by:	Reviewed by:	Approved by:	Customer Representative
Karl Jason V. Nullas Asst. Thermographer	Karl Jason V. Nullas Asst. Thermographer	Stephen F. Collao, P.E.E. Certified Thermographer - I	Engr. Jovin P. Dumilig