NO.	SCOPE OF WORKS	REMARKS
1	INSTALLATION OF METAL SUPPORTS OR	AS PER RECOMMENDATION OF WESTCO,
	CABLE TRAY FOR PLANT 2- PHASE A,	CORRECTIVE ACTION (FEB 2024) UPON
	PLANT 3- PHASE A & PHASE C, PLANT 4-	PMS FINDINGS (CONDUCTED BY FUJI HAYA
	PHASE C	OCT 2023)
2		AS PER RECOMMENDATION OF WESTCO,
	REPLACEMENT OF CRACKED BUSHING	CORRECTIVE ACTION (FEB 2024) UPON
	FOR PLANT 3- PHASE A (X1)	PMS FINDINGS (CONDUCTED BY FUJI HAYA
		OCT 2023)

Att. to conduct anadolony feel prior to





# **Findings and Observation**



### Findings:

Oil contaminants were found in the following transformers: Plant 1 Phase A, and C, Plant 2 Phase A, B, and C, Plant 3 Phase B, and Plant 4 Phase C.

#### **Action Taken:**

Oil flushing was performed before the replacement of transformer oil to eliminate the contaminants.



## Findings:

Oil leakage was observed after disconnecting secondary terminals of the transformer. This could be due to the stress caused by the weight of the metal plates and cables.

#### **Action Taken:**

Regasketing was also performed in the secondary bushing of the transformer.

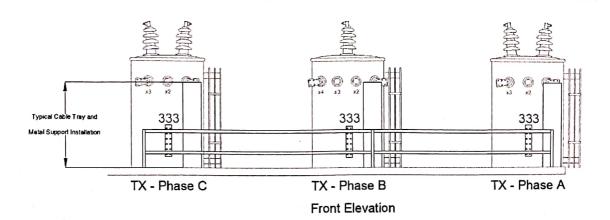
For Plant 2 - Phase A, Plant 3 - Phase A & Phase C, Plant 4 - Phase C

### Recommendation:

Installation of metal supports, or cable trays is recommended to support the weight of metal plates and cables.

See image below for the initial proposed installation layout





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## Findings:

Crack on secondary bushings was found on Plant 3 – Phase A(x1)

Overall insulation power factor test can be done to further investigate the condition of the bushing.

Otherwise, replacement of the cracked bushing is recommended.



### Findings:

Welding spot was found on Plant 1 – Phase C