

ภาคผนวก

Datasheet

TRANSFORMER TIER 2 CONDITION ASSESSMENT SUMMARY

Date: _____ Location: _____
 Transformer Identifier: _____ Manufacturer: _____ Yr. Mfd.: _____
 No. of Phases: _____ MVA: _____ Voltage: _____

Tier 2 Transformer Condition Summary	
Tier 2 Test	Adjustment to Tier 1 Condition Index
T2.1 Turns Ratio Test	
T2.2 Short Circuit Impedance Test	
T2.3 Core-to-Ground Resistance (Megger) Test	
T2.4 Winding DC Resistance Measurement	
T2.5 Ultrasonic and Sonic Fault Detection Measurements	
T2.6 Vibration Analysis	
T2.7 Frequency Response Analysis	
T2.8 Internal Inspection	
T2.9 Degree of Polymerization	
T2.10 Other Specialized Diagnostic Tests	
Tier 2 Adjustments to Transformer Condition Index <small>(Sum of individual adjustments)</small>	
Tier 2 Data Quality Indicator <small>(Value must be 0, 4, 7, or 10)</small>	

To calculate the Net Transformer Condition Index (Value should be between 0 and 10), subtract the Tier 2 Adjustments from the Tier 1 Transformer Condition Index:

Tier 1 Transformer Condition Index _____
 minus Tier 2 Transformer Adjustments _____ = _____
Net Transformer Condition Index