



Project Overview

- Project: RR Insulation Coils - 88 Nos
- Country: Indonesia
- Client: TMEIC
- Output: 4800 kW
- Voltage: 13.8 kV
- Guarantee: 12 Months

➡ Swipe to see technical specs and test plan



Machine Details

BASIC INFORMATION ABOUT COIL & MACHINE

COUNTRY	MAKE	kW	VOLTS	AMPS	HZ	POLES	RPM	INS.CL
INDONESIA	TMEIC	4800	13800	235	60	4	1770	F

Built for high reliability and endurance in demanding industrial environments



Testing & Quality Checks

Final Testing on Each Coil:

- Dimensional Check
- Coil Resistance
- IR Value (5 kV – Before & After) - IEEE 43:2000
- AC HV Test – 35 kV / 1 min - IS 4722:1992



- Surge Comparison – 21 kV - IEEE 522:2004
- HV/HF Interturn - 21 kV
- Tan Delta & Capacitance @ 17 kV
- PD Test on 15% of coils (24 Nos)

All tests as per international standards



Process Criticality

- Looping with two different-sized conductors
- Scarf joint in OH portion needs monolithic curing after the first bend

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