

3 DECADES
nearing
of Excellence



PETE - Hammond
Transformative Synergy



**EXCELLENCE IN
SERVING THE NATIONS**

SUBMERGED ARC FURNACE TRANSFORMERS (3 PH & 1 PH)



**INDUCTION /
ARC FURNACE
TRANSFORMERS**

UPTO 30 MVA

INDUCTION FURNACE TRANSFORMER (6 PULSE / 12 PULSE / 18 PULSE / 24 PULSE)

AN ISO 9001: 2008 COMPANY



RECTIFIER TRANSFORMER



HYDRAULIC COIL PRESS

PETE Hammond
has capacity to manufacture :

- Arc Furnace Transformer
- Sub Merged Arc Furnace Transformer
- Ladle Furnace Transformer
- DC Arc Furnace Transformer
- Induction Furnace Transformer

ADVANTAGES:

- Winding construction suitable for Low Voltage & High Current
- Winding construction with Highly Reliable Insulation
- Highly Reliable, High quality Transformer
- Large Short Circuit resistance of windings.
- Robust design construction.
- Equivalent rating calculation considering overloading & Harmonics



TECHNICAL DATA

Manufacturing Range	: 30 MVA
Voltages	: upto 33 kV
Current	: Up to 80 KA (for Arc Furnace)
Standards	: IS / IEC / BIS / ANSI / IEEE
Cooling	: ONAN / ONAF / OFWF
Switch type	1. Off Circuit Tap Switch 2. On Load Tap Changer a. In Tank b. External
Winding	: HV : Disc / Helical / Spiral LV : Disc / Helical / Double Disc
Core Type	: 3-Phase : Core Type 1-Phase : Core / Shell Type
Frequency	: 50 Hz / 60 Hz
Insulation Level (kVp)	: 170 / 125 / 75
Vector Group (for Arc)	: Ydiii / Ddiii (without Auto) Ddiii / Ydiii+Yna0 (Main+Auto)
for Induction Furnace	: Dy11, Dd0y11, Dd(+15)d(-15), etc.
Applications	: Ferro Alloy Plants & Metallurgical Industries



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■ BENGALURU ■ CHENNAI ■ COIMBATORE
■ MUMBAI ■ PUNE ■ DELHI

CORPORATE OFFICE

D. No: 8-3-166 / 6 & 7, G-9 to 11, Bhavya's Sree Arcade,
Erragadda, Hyderabad - 500 018, Telangana. INDIA.
Tel : +91-40-23813593 / 23812291, 97000 41818

WORKS

Plot No.6A, I.D.A, Phase-1, Pashammailaram,
Patancheru (M), Medak (Dist) - 502 307,
Telangana. INDIA.

E-Mail : marketing@petetransformers.com
Web : www.petetransformers.com