



## Project Highlight: 3500 HP GVPI Coils

At Coral Engineering Works, we take pride in transforming challenges into precision-engineered outcomes. Our latest project involves the manufacture and supply of 60 numbers of GVPI coils using Class F materials, tailored for 3500 HP Siemens machine operating at 6600V.

Manufacturing timeline: 20 days

Guarantee: 12 months

This fast-track delivery showcases our commitment to speed, quality and reliability, all powered by our in-house technical prowess and advanced infrastructure.



## INFORMATION ABOUT COIL & MACHINE

COUNTRY	MAKE	HP	VOLTS	AMPS	HZ	POLES	RPM	INS.CL
INDIA	SIEMENS	3500	6600	257	50	2	2984	F

These coils are custom-built for performance, designed to support high-power operations with stability and insulation longevity.



## Testing & Quality Checks

- Dimensional Checking
- Coil Resistance Measurement
- IR Value at 2500V (Before & After HV Test - IEEE 43:2000)
- DC HV Test at 15 kV for 1 min
- Surge Comparison Test at 10 kV (IEEE 522:2004)
- HV/HF Interturn Test at 10 kV