

Arc Furnace Transformers

# of EAF transformers	3
Transformer Manufacturer(s)	Westinghouse
Transformer Rating(s) MVA	12/13.4
Primary Current (A)	525/586
Secondary Current (KA)	29/32
Transformer Impedance (%)	4.4
Reactor (internal) Ohms	n/a
Reactor taps	n/a
Phase	3
Primary Winding	Delta/Wye
Secondary Winding	Open Delta
Frequency (Hz)	60
Primary voltage (V)	13200
Primary Insulation BIL (KV)	110
Secondary Voltage Range (V)	280-107
Secondary Insulation BIL (KV)	45
Tap Changer	Off load
Tap Positions	6
Cooling	FOW
Temp. Rating -C	55/65
Primary CT's ratio (A)	600/5
Secondary CT's ratio (A)	2866/2.88
Oil (lbs.)	32400
Core & Coil weight (lbs.)	45000
Total weight (lbs.)	95000