

## EQUIPMENT SPECIFICATIONS

### ELECTRIC ARC FURNACE

9'-0" DIAMETER SWINDELL ELECTRIC ARC FURNACE  
TDI REFERENCE NUMBER: 64313

MANUFACTURER: Swindell  
QUANTITY: 1.00

#### GENERAL SPECIFICATIONS:

CAPACITY (TONS):	<u>10 Tons (9.072 mt)</u>
CAPACITY (TONS / HEAT):	<u>8</u>
TYPE:	<u>EAF</u>
FURNACE DESIGN:	<u>Right Hand</u>
SHELL DESIGN:	<u>One Piece</u>
SHELL DIAMETER:	<u>9 Feet (2.743 m)</u>
ELECTRODE DIAMETER (INCHES):	<u>8 Inches (203.200 mm)</u>
PITCH CIRCLE:	<u>29 Inches (736.600 mm)</u>
ROOF:	<u>Air Cooled</u>
ROOF RING:	<u>Air Cooled</u>
ELECTRODE CABLES:	<u>Air Cooled</u>
ELECTRODE ARMS:	<u>Air Cooled</u>
ELECTRODE REGULATION:	<u>Electro-Mech.</u>
ROOF SWING:	<u>Electro-Mech.</u>
FURNACE TILT:	<u>Electro-Mech.</u>

TRANSFORMER:	3,000 KVA
TRANSFORMER MANUFACTURER:	Westinghouse
PRIMARY VOLTAGE:	11,500
SECONDARY VOLTAGE:	250
IMPEDANCE:	5.1%
CLASS:	FOW
CURRENT:	AC
WEIGHT:	
CORE AND COILS (POUNDS):	14,200 Pounds
TANKS AND FITTINGS:	9,300 Pounds
UNTANKING WEIGHT (POUNDS):	23,500 Pounds
LIQUID (POUNDS):	13,300 Pounds
TOTAL WEIGHT (POUNDS):	36,800 Pounds
OPERATING SPARES:	Electrode Holders
COMMENTS:	Swindell 10 Ton capacity Electric Arc Furnace, 3,000 KVA Westinghouse Transformer S/N 3153787, OIWC-Shell Form, Delta-Wye configuration, Installed and in good condition. perfectly sized for a foundry application.