

## EQUIPMENT SPECIFICATIONS

### ELECTRIC ARC FURNACE

100T EAF, EBT DESIGN 84MVA TRANSFORMER  
TDI REFERENCE NUMBER: 64366

MANUFACTURER: Fuchs-VAI  
AGE: 2000  
QUANTITY: 1.00

#### GENERAL SPECIFICATIONS:

FURNACE MANUFACTURER:	<u>Fuchs</u>
CAPACITY (TONS):	<u>100 Tons (90.719 mt)</u>
CAPACITY (TONS / HEAT):	<u>85</u>
TYPE:	<u>EAF</u>
FURNACE DESIGN:	<u>EBT</u>
SHELL DESIGN:	<u>Split Shell</u>
SIDE WALL:	<u>Water Cooled</u>
ROOF:	<u>Water Cooled</u>
ROOF RING:	<u>Water Cooled</u>
TRANSFORMER:	<u>84 MVA</u>
TAP CHANGER:	<u>Online</u>
ELECTRICAL CONTROL:	
ELECTRICAL CONTROL MANUFACTURER:	<u>Allen Bradley</u>
COMMENTS:	<u>Fuchs, EAF, EBT, Split Shell Design, 85T Heat- Tap to Tap 55 min, Three Oxy Fuel Burners, Fuchs Conducting Arms, Automated Allen Bradley PLC-5 &amp; GE (AMI) Regulator &amp; Smart Arc Supervisory Control</u>