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): 10 Tons (9.072 mt)
CAPACITY (TONS / HEAT): 8
TYPE: EAF
FURNACE DESIGN: Right Hand
SHELL DESIGN: One Piece
SHELL DIAMETER: 9 Feet (2.743 m)
ELECTRODE DIAMETER (INCHES): 8 Inches (203.200 mm)
PITCH CIRCLE: 29 Inches (736.600 mm)
ROOF: Air Cooled
ROOF RING: Air Cooled
ELECTRODE CABLES: Air Cooled
ELECTRODE ARMS: Air Cooled
<table>
<thead>
<tr>
<th><strong>TRANSFORMER:</strong></th>
<th>3,000 KVA</th>
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<tbody>
<tr>
<td><strong>TRANSFORMER MANUFACTURER:</strong></td>
<td>Westinghouse</td>
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<tr>
<td><strong>PRIMARY VOLTAGE:</strong></td>
<td>11,500</td>
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<tr>
<td><strong>SECONDARY VOLTAGE:</strong></td>
<td>250</td>
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<tr>
<td><strong>IMPEDANCE:</strong></td>
<td>5.1%</td>
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<tr>
<td><strong>CLASS:</strong></td>
<td>FOW</td>
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<tr>
<td><strong>CURRENT:</strong></td>
<td>AC</td>
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**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, OWIWC-Shell Form, Delta-Wye configuration, Installed and in good condition. Perfectly sized for a foundry application.