

1997 Tokyo Electron Ltd. (TEL) ALPHA-8S ATM OXIDE

TEL Alpha-8S Oxide ATM Furnace System

Install Type: Through-the-wall

System Status: On-Line (operational at time of inspection)

Audit Report Available: No

Decontamination Report: Not available

Wafer Production (AS IS): Yes - system can produce wafers in current condition

Known Field Modifications: None

All Cables Present: Yes

System Configuration

- **OEM / Model:** TEL Alpha-8S Oxide ATM
- **Process Name:** Oxide
- **Front Surface Finish:** White
- **Process Pressure:** Atmospheric
- **Number of Zones:** 5
- **Temperature Controller:** Model 121
- **Inner TC Type:** In-line
- **Rapid Cooling Unit:** No
- **Boat Rotation:** Yes

- **Signal Lamp Tower:** Yes
- **Gas Leak Detection:** Yes

Wafer Handling

- **Wafer Size:** 8 inch (200 mm)
- **Wafer Type:** Notch
- **Number of Slots:** 26
- **Bolt-On SMIF:** No
- **Integrated SMIF:** No
- **Stocker:** 21-slot carrier
- **N₂ Purge System:** Yes

Control & Software

- **System Controller:** TS-4000Z
- **Software Version:** V07.06
- **Date of Last PM:** 2020 (last use)
- **Temperature Range:** 960 °C (max. 1025 °C)
- **FTP Heater:** No

Transfer & Sensing

- **Tube Seal:** Lip Seal
- **Transfer Stage:** Equipped
- **Wafer Position Sensor:** Yes
- **Fork Wafer Present Sensor:** Yes
- **Notch Alignment:** No (function not in use)
- **Fork Wafer Position Sensor:** Yes