Clean Track ACT System Inspection

Inspection Report

Vintage : 1999

Product : Clean Track System

Model : ACT-8 In-line System

Serial No. : MD- XXXXXXX
2. Machine Configuration:

<table>
<thead>
<tr>
<th>3-4 WEE</th>
<th>2-24 LHP</th>
<th>2-14 LHP</th>
<th>1-4 UNC</th>
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<tbody>
<tr>
<td>3-5 EIS</td>
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<td>2-23 LHP</td>
<td>2-09 CPL</td>
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<td>2-3 DEV</td>
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<td>1-5 PUP</td>
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<td>3-3 Buffer</td>
<td>1-1 Buffer</td>
<td>3-1 T Hold</td>
<td>2-1 COT</td>
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UNC: Uni-Cassette Stage
COT: Coat Process Station
DEV: Develop Process Station
CHP: Chilling Hot Plate Station
TCP: Transition Chill Plate
CPL: Cool Plate
ADH: Adhesion Process Station
TRS: Transition Stage
WEE: Wafer Edge Exposure Process Station

*External Tool*
1) Chemical Cabinet #1
2) Thermo Controller Unit #1 (SMC)
3) AC Power Box

3. Overall Status:

- **Existed Machine Status**
  - ☐ Running
  - ☑️ Idle
  - ☑️ Disconnected
  - ☑️ Facility Removed

- **Power System Status**
  - ☐ On
  - ☑️ Off
  - ☑️ Disconnected

- **Gas System Status**
  - ☐ On
  - ☑️ Off
  - ☑️ Disconnected

- **C.S.S System Status**
  - ☐ On
  - ☑️ Off
  - ☑️ Disconnected
4. Machine Detail Check

1. DESCRIPTION
   1-1. Number of Machine : MD-XXXXXXXX
   1-2. Right to Left
   1-3. MODEL : Clean track ACT-8
   1-4. WAFER & CARRIER TYPE : 8", Notch Type , 25 Slots
   1-5. System Power Rating : AC 208V , 3-Phase for System
   1-6. Loading Configuration : 4 Loader Uni-cassette
   1-7. Software Version : Power off
   1-8. Main controller : Type #2

2. Main system
   1) Main frame with system controller
   2) Carrier station
      - Type: Normal Uni-Cassette Type
      - 4 Cassette Stage , 1 Pick-up Cassette
      - Uni-cassette system
   3) Coater unit (2-1, 2-2)
      - 4 dispense nozzle with temperature controlled lines for etch unit
      - RRC Pump
      - Rinse nozzle : back/ EBR / solvent bath for etch unit
      - Rinse system : 3 liter 2Tank Buffer tank system
      - P.R Suck-back Valve Type : Air operation Suck-back valve
      - Programmable side rinse
      - Drain: Direct drain
   4) Developer unit (2-3, 2-4)
      - Steam nozzle for each unit
      - 2 stream nozzle for DI rinse and 2 points for back side rinse on each unit
      - Developer system : 3 liter 2Tank Buffer tank system
      - Developer temperature control system
      - Drain: direct drain
   5) InterFace type : ASML
   6) Low Temp Hot Plates (LHP) 8EA
   7) Chill Plates (CPL) 4EA
   8) Chilling Hot Plate Process Station (CHP) 4EA
   9) TCP Module 1EA
   10) TRS Module 2EA
   11) WEE (wafer edge exposure ) Module 1EA
      - Wafer Type : Notch
   12) Chemical Cabinet #1
   13) TEMP Control Unit(TCU) 1EA
      - Type: TEL OEM
   14) AC Power Box
### Configuration

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#### Missing parts

1. 2-5 ADH Module Assy.
2. 2-17 ADH Module Assy.
3. Circulator Pump 1EA
4. IRA T Axis Motor Driver
5. WEE CCD Board
6. WEE X Axis Motor Driver
7. 2-2 COT P.R Pump 2EA
8. DEV Buffer Tank 2EA
9. 2-2 Spin Chuck
10. T&H Controller
11. Main Controller Harddisk