Inspection Report

RTP : mattson3000

S/N : 2003090954

1. Basic Information (2015. 5. 27.)

1. Model : mattson3000

2. Serial No. : 2003090954 (SG\_No : 21609)

3. Wafer Type : 300mm, Notch

4. S/W Version : -

5. Location : SurplusGLOBAL (Stock House)

6. Tool Status : Power Off

7. Main Power : 3Φ, 208V, 260A

8. Monitor : Front Touch Screen GUI (only one)

9. Service Laptop PC : Empty

10. OHT : Applied

11. Visual Checking (with pictures)

12. Steam Generater

**2. Module Check**

1. Handler Module : 450kg / 1500 X 785 X 2250 mm

2. Process Module : 750kg / 810 X 1280 X 2250 mm

3. Power Control Module : 250kg / 810 X 600 X2140 m

4. Blower Module : 170kg / 550 X 780 X 1270 mm

5. Transformer : 980kg / 800 X 1900 X 1160mm

**3. Handler Module Check**

1. Loadport ( 300mm, 2 FOUPs ) : : Install

2. Monitor with Touch Screen : Install

3. Keyboard : Empty

4. Signal Tower : Install (4 color)

5. Robot ( Rorze Dual Arm ) : Empty

6. Robot Controller : Empty

7. Endeffector : Empty

8. Slot Map Sensor : Empty

9. Aligner (PRI) : Empty

10. Aligner Controller : Empty

11. Sequencer : Empty

12. IO Controller : Empty

13. Cooling Station(Al, 3slot) : Install

14. Dummy Station(Al, 3slot) : Install

15. Linear-Track : Install

16. Linear-Track Controller : Install

17. EFEM Fan : -

18. EMO Switch : Install

19. Robot Stop Switch : Install

20. Distribution Box : Install

21. Ionizer : Install

**4. Process Module Check**

1. Rotation Controller : Empty

2. EILC Rack : Empty

3. Ripple Rack : Empty

4. PMAC Empty

5. Pneumatic Rack : Empty

6. IGBT Module : Install

7. O2 Sensor Module : Empty

8. Wafer Pyrometer : Empty

9. Lamp Pyrometer : Empty

10. Laser Sender Receiver : Empty

11. Door Plate : Empty

12. Lamp (3kW, 380V, 56ea) : Install

13. CoolingWaterSensor : Empty

14. QPT Sensor : Install

15. Thermocouple Amplifier(TCA) : Install

16. IGBT LLF : Install

17. IGBT ULF : Install

18. Analog Box : Install

19. Process Chamber : Install

20. Connector Box : Install

21. Lift Motor : Install

22. Process Box : Install

23. Door Scavenger : Install

**5. Gas Box Check**

1. H2 30slm : Aera

2. N2 50slm : Empty

3. N2 10slm : Empty

4. O2 15slm : Aera

5. O2 50slm : Aera

6. N2 20slm : Empty

7. Tube Rot #1 : N2 20slm (Unit 8100)

8. Tube Rot #2 : N2 20slm (Unit 8100)

9. Eight Channel Pressure Display : AD824

**6. Power Control Module Check**

1. Input Power : 400 V, 3 ph + gnd + n, 250 A, 50/60 Hz

2. UPS (Internal or External) : Empty

3. MFC Power Supply (±15V) : Install

4. Rotation Power Supply (±15V & 24V) : Install

5. Fail-Safe Relay Board : Install

6. Sitop Switching P/S : Empty l

7. Safety Contactor : Empty

8. MCU : Install

9. SLCU (1 - 4) : Install (#3 Empty)

10. MSD : Install

11. Fan Unit : Install

10. Interlock Controller Key Switch : Install

**7. Blower Module Check**

1. Motor (Upper & Lower) : Install

2. Filter (Upper & Lower) : Install

3. Tube : Empty

**8. Transfer Check**

1. Primary Terminal : Install

2. Secondary Terminal : Install

3. Visual Check : Good

**9. Quartz Check : Need to purchase new kit.**

**10. etc.**

Remarks

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