VERTICAL FURNACE INSPECTION REPORT

MAKER	Tokyo Electron Limited	MODEL	@-8SE
VINTAGE	2004.02	SERIAL NO	
PROCESS	D-POLY	INSPECTION DATE	

Unit	No	Contents	Configuration	Remark
General Information	1	System Layout	Main , Utility	
	2	System Type	L Type	
	3	Side Maintenance	Installed	
	4	System Paint Color	Ivory	
	5	Furnace Front Surface Finish	SUS	
	6	Heater Model	VMM 40-101	
	7	Rapid Cooling Unit	Not Installed	
	8	N2 Load Lock	Installed	
	9	O2 Analyzer	Installed / LC750	
	10	Cassette I/O Type (Normal / SMIF)	Normal I/O Type	
	11	SMIF Maker / Model	Not Installed	
	12	AGV Compatibility	Unable	
	13	System Main Controller	WAVES	
	14	Mechanical Controller	-	
	15	Syquenc Controller	-	
	16	Gas Controller	-	
	17	Furnace Temperature Controller	-	
	18	Furnace Overtemp Detector	-	
	19	Host Communications	-	
	20	User Host Computer I/F	-	
	21	Gas Flow Chart Pannel	Installed (Front , Rear)	
	22	Operation Pannel	Installed (Front)	
	23	Signal Tower / Colors	Not Installed	
	24	Gas Detecter Maker / Model	RIKEN KEIKI	
	25	Detecting Gas	AsH3, SiH4, ClF3	
	26	Manual (Drawing, Parts list etc)	Not Included	
Gas System	1	Process Gas	N2, SiH4, Ph3, ClF3	
	2	Basic Style	Integrated Gas System (Fujikin)	
	3	Manual Valve	FUJIKIN	
	4	Air-Operated Valve	FUJIKIN	
	5	Filter	TOSHIBA	
	6	Regulator	VERIFLO	
	7	MFC Maker / Model	UNIT / UFC 1661	
	8	PT Sensor Maker / Model	MKS	
	9	DPM Maker / Model	MKS	

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Gas System	10	Check Valve	FUJIKIN	
	11	Baking System	N/A	
	12	Liquid Source Auto-Refill	N/A	
	13	Burn Controller	N/A	
	14	Veporizer	N/A	
Vacuum / Exhaust System	1	Pump	N/A	
	2	Pressure Control Valve	N/A	
	3	Pressure Controller	N/A	
	4	Pressure Sensor	N/A	
	5	Trap	Not Installed	
	6	Gas Cooler	N/A	
Wafer / Cassette Handling	1	Wafer Type	200 mm Flatzone Type	
	2	Auto Wafer Aligner	Installed	
	3	Wafer Qty. in Cassette	26	
	4	Cassette Storage Qty.	21	
	5	Fork Type	1 + 4	
	6	Fork-Wafer Presence Sensor	Installed	
	7	Fork-Variable Pitch	Installed	
	8	Magnetic Seal Rotation	Installed	
Process Kits	1	Boat Type / Pitch	N/A	
	2	Boat Material	N/A	
	3	Cap Pedestal Material	N/A	
	4	Outer Tube	N/A	
	5	Inner Tube	N/A	
	6	SIC Liner Tube	N/A	
	7	Process Tube	N/A	
	8	External Torch	N/A	
	9	Profile T/C Type	N/A	
	10	ETC		