



FLX-2320-S System Training Checklist

Installation Date _____
 Customer Name _____
 Serial Number _____
 System Training Start Time _____
 System Training Completion Time _____

Procedure	Manual Reference	Page	Method	Customer Sign-off	Memo
1 Instrument Overview and Installation					
Safety Precautions Starting up the FLX and PC	Operating Safety	a-2 to a-5	Refer to manual and visual	_____	
System Components (explain all parts and functions)	Chap. 2	6 - 8 and 12	Refer to manual and visual	_____	
Gas Connections, Flow Rate Start/Stop procedures	Chap. 2 & 4	11,12 and 47	Refer to Manual and hands on	_____	
Pre-Install and Starting the Instrument	Chap. 2	13	Manual, visual w/Hands-On	_____	
Using Wafer Rings	Appendix A	A-1	Refer to Manual and hands on	_____	
	Chap. 3	28 - 29	Refer to Manual and hands on	_____	
	Chap. 8	116 and 119	Refer to Manual and hands on	_____	
Leveling the Instrument Pedestal			Visual	_____	
Operating Environment	Appendix A	A-2	Refer to manual and visual	_____	
2 Performing Measurements					
Adding a new user / User Authority Access	Chap. 3	15 to 16	Manual and/or Win7 handout	_____	Win 7 new user and password handout
Process program	Chap. 3	17 to 20	Refer to Manual and hands on	_____	
Material Database	Chap. 3	24 to 27	Refer to Manual and hands on	_____	
Set up to Perform First Measurements	Chap. 3	20 - 23	Refer to Manual and hands on	_____	Using a bare wafer, 2
First Measurement	Chap. 4	33 to 34	Refer to Manual and hands on	_____	
Single Measurement	Chap. 4	35 to 37	Refer to Manual and hands on	_____	
Time measurements	Chap. 4	37 to 39	Refer to Manual and hands on	_____	Scan 20 times for 10 minutes at 30 second intervals
Temperature measurements	Chap. 4	39 to 46	Refer to Manual and hands on	_____	
Performing 3-D Measurements	Chap. 4	48 to 50	Refer to Manual and hands on	_____	See Chap. 6 pg 61. Creating and displaying graphs
3 Managing and Manipulating Data Files					
Explain data files	Chap. 5	51 to 59	Refer to Manual and hands on	_____	
Creating and Displaying 3D Maps	Chap. 6	61 to 68	Refer to Manual and hands on	_____	
Creating and Displaying Graphs from Data Files	Chap. 6	69 to 72	Refer to Manual and hands on	_____	
Saving, Printing, and Graphs Options	Chap. 6	73 to 85	Refer to Manual and hands on	_____	
Creating Trend Plot	Chap. 6	86 to 91	Refer to Manual and hands on	_____	

4 Data Analysis

Diffusion Coefficient	Chap. 7	93 to 95	Refer to Manual	_____
Elastic and Expansion Coefficient	Chap. 7	96 to 98	Refer to Manual	_____
Graph Subtraction	Chap. 7	99 to 101	Refer to Manual	_____
Thermal Stress	Chap. 7	102 to 103	Refer to Manual	_____
Comparing Records	Chap. 7	104 to 104	Refer to Manual	_____
Shutting down the Instrument				_____

5 Maintenance / Troubleshooting

Explain Service Policy	Chap. 8	111	Refer to Manual and Hand out	_____
Utilities Menu: Laser Intensity, Movement, and Diagnostics Checks	Chap. 3	30 to 31	Refer to Manual and hands on	_____
Centered Laser Travel Verification	Chap. 8	121 to 122	Refer to Manual and hands on	_____
Verification of Radius of Curvature with Mirrors	Chap. 3	28	Refer to Manual and hands on	_____
	Chap. 8	115 to 117	Refer to Manual and hands on	_____
Verification of Stress with Wafer Stress Pair	Chap. 3	29	Refer to Manual and hands on	_____
	Chap. 8	19 to 120	Refer to Manual and hands on	_____
System Configuration	Chap. 8	123	Refer to Manual and hands on	_____
Explain the FLX Recalibration PM Service Document			Hand Out	_____

All Training has been completed as listed above

(customer signature)