

Rigaku Americas Corporation

Address: 9009 New Trails Drive, The Woodlands, TX

Tool Type MFM65

Rigaku Identification
S/N ES2021N

IBM Identification: HEX KV01

- 1 – The above stated tool was installed on 06 Jan, 2011 by Rigaku.
- 2 – The tool was covered under warranty from Jan 2011 until Feb 2013.
- 3 – The tool was immediately transferred to a contract and was supported until its de-commissioning date of 10 May 2015.
- 4 – Preventive and remedial maintenance was completed (per applicable specifications) by applied Rigaku during the warranty and contract periods.

The tool was inspected and in good working order and service contract ready at the time of de-commissioning.



Regards,
Bruce Bellcase
Rigaku Americas Corp
Field Service Manager
Direct Line: 281-363-1033

2008 – Rigaku MFM 65 Small Spot Energy Dispersive X-Ray Fluorescence



Tool information:

Rigaku MFM 65 small spot Energy Dispersive X-ray Fluorescence Serial #ES2021N
Vintage 7/1/2008 Upgrades: Cognex

Load Ports:

1. 2

Spot size:

Dependent upon angle of spot placement

Excitation (X-ray) channels:

1. Copper
2. Gold
3. Molybdenum

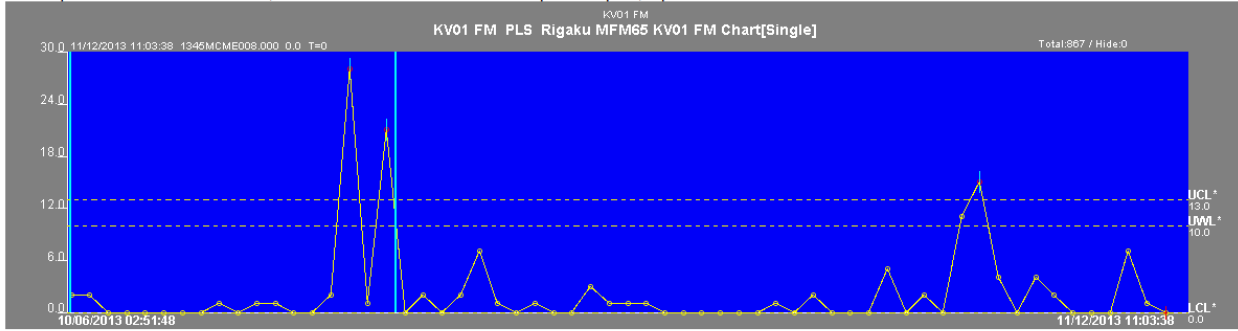
Software level:

1. 4.61 (Upgradable to 4.66)

SPCs showing cleanliness:

▼ KV01 FM:

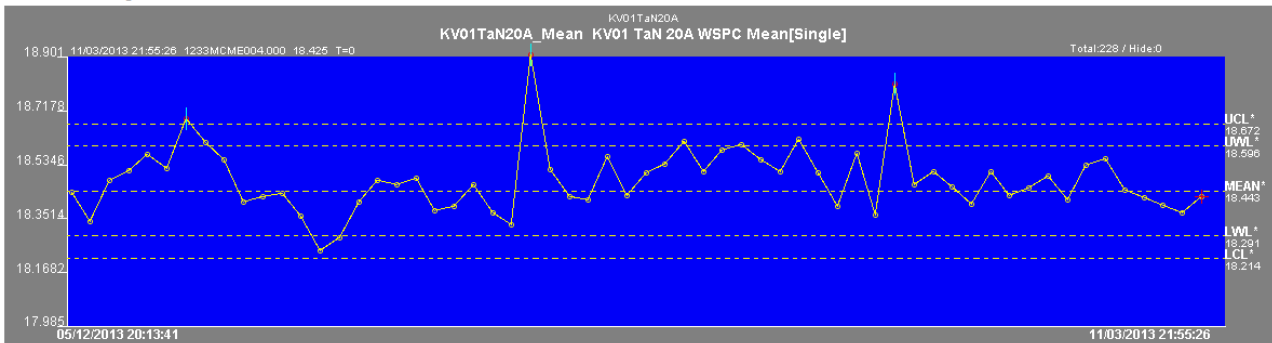
Technique: 60nm Pre size detection, 80nm Post size detection. Subtract pre from post, report delta as added FM:



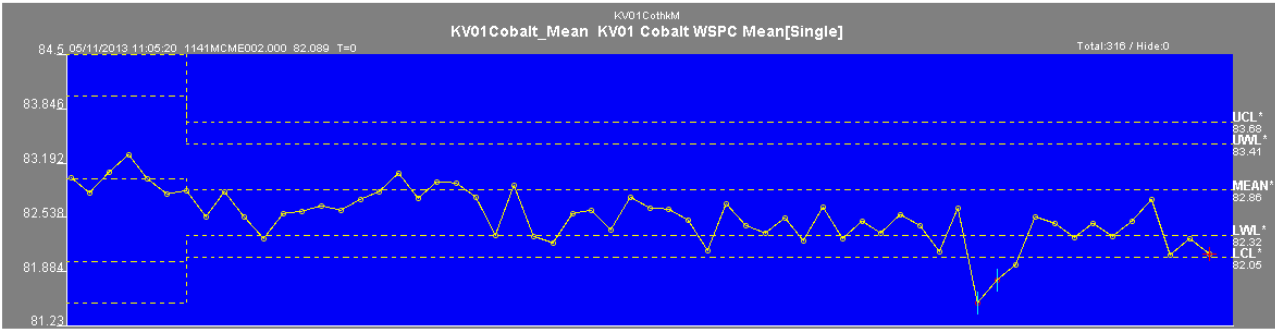
SPCs showing stability of measurement:

SPC Method - measure the same wafer every 48-72 hours (depending on qual). Plot the average of the wafer.

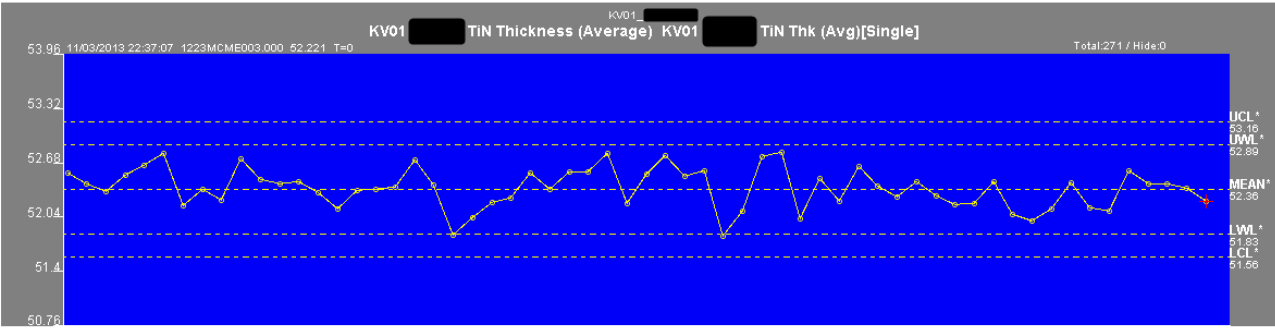
▼ KV01 running 20A TaN:



▼ KV01 running 80A Cobalt:



▼ KV01 running 50A TiN:



Equipment Activity Report

Generated on: 2014-08-25 13:41:00 // Reporting from 2013-08-24 06:00:00

KV01

Timestamp	State	Hours	Reference	Originator	Log Type	Job Title / Comment	Action Type	Symptom	Major Code	Detail Code	Action Code
08-24-13 06:00:00	EQAVAIL ####	2.11+ hrs			STATEHIS						
08-24-13 08:06:26	SDT-LOT	0.07 hrs			STATEHIS						
08-24-13 08:10:54	EQAVAIL ####	0.09 hrs			STATEHIS						
08-24-13 08:16:15	SDT-LOT	0.22 hrs			STATEHIS						
08-24-13 08:29:19	EQAVAIL ####	0.10 hrs			STATEHIS						
08-24-13 08:35:34	SDT-LOT	0.28 hrs			STATEHIS						
08-24-13 08:52:10	EQAVAIL	0.05 hrs			STATEHIS						
08-24-13 08:55:07	SDT-LOT	0.15 hrs			STATEHIS						
08-24-13 09:04:00	EQAVAIL ####	8.93 hrs			STATEHIS						
08-24-13 18:00:00	EQAVAIL ####	2.44 hrs			STATEHIS						
08-24-13 20:26:26	SDT-LOT	0.28 hrs			STATEHIS						
08-24-13 20:43:15	EQAVAIL ####	9.28 hrs			STATEHIS						
08-25-13 06:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
08-25-13 18:00:00	EQAVAIL ####	3.90 hrs			STATEHIS						
08-25-13 21:54:11	SDT-LOT	0.29 hrs			STATEHIS						
08-25-13 22:11:34	EQAVAIL ####	1.64 hrs			STATEHIS						
08-25-13 23:49:58	SDT-LOT	0.83 hrs			STATEHIS						
08-26-13 00:39:57	EQAVAIL ####	5.33 hrs			STATEHIS						
08-26-13 06:00:00	EQAVAIL ####	2.36 hrs			STATEHIS						
08-26-13 08:21:23	SDT-LOT	0.09 hrs			STATEHIS						
08-26-13 08:26:36	EQAVAIL ####	0.15 hrs			STATEHIS						
08-26-13 08:35:31	SDT-LOT	0.47 hrs			STATEHIS						
08-26-13 09:03:29	EQAVAIL	0.06 hrs			STATEHIS						
08-26-13 09:06:48	SDT-LOT	0.19 hrs			STATEHIS						
08-26-13 09:18:22	EQAVAIL ####	0.13 hrs			STATEHIS						
08-26-13 09:26:01			R1372604	UNKNOWN	COMMENT	FAIL TAN BEOL MEAN					
08-26-13 09:26:01	UDOWN	0.15 hrs	R1372604		STATEHIS						
08-26-13 09:35:04			J1627643/0	GILMANDA	JOBSTART	FAIL TAN BEOL MEAN	DOWN	SPC	PROCESSQUAL FAIL	SPC	SEE COMMENTS
08-26-13 09:35:04	UMAINT	0.01 hrs	J1627643/0		STATEHIS						
08-26-13 09:35:30			J1627643/0	GILMANDA	COMMENT	KNOWN ISSUE SINCE 8/13. ENG INHIBITED LINE					
08-26-13 09:35:33			J1627643/0	GILMANDA	JOBCOMP	FAIL TAN BEOL MEAN	DOWN	SPC	PROCESSQUAL FAIL	SPC	SEE COMMENTS
08-26-13 09:35:33	UDTSPCHECK	0.01 hrs	J1627643/0		STATEHIS						
08-26-13 09:35:57	EQAVAIL ####	8.40 hrs			STATEHIS						
08-26-13 18:00:00	EQAVAIL ####	5.04 hrs			STATEHIS						
08-26-13 23:02:33	SDT-LOT	0.24 hrs			STATEHIS						
08-26-13 23:16:41	EQAVAIL ####	6.72 hrs			STATEHIS						
08-27-13 06:00:00	EQAVAIL ####	3.62 hrs			STATEHIS						
08-27-13 09:37:01	SDT-LOT	0.10 hrs			STATEHIS						
08-27-13 09:43:17	EQAVAIL ####	8.28 hrs			STATEHIS						
08-27-13 18:00:00	EQAVAIL ####	6.48 hrs			STATEHIS						
08-28-13 00:28:32	SDT-LOT	0.08 hrs			STATEHIS						
08-28-13 00:33:33	EQAVAIL ####	0.35 hrs			STATEHIS						
08-28-13 00:54:39	SDT-LOT	0.18 hrs			STATEHIS						
08-28-13 01:05:29	EQAVAIL ####	4.91 hrs			STATEHIS						
08-28-13 06:00:00	EQAVAIL ####	2.83 hrs			STATEHIS						
08-28-13 08:49:49	SDT-LOT	0.06 hrs			STATEHIS						
08-28-13 08:53:15	EQAVAIL	0.02 hrs			STATEHIS						
08-28-13 08:54:19	SDT-LOT	0.15 hrs			STATEHIS						
08-28-13 09:03:16	EQAVAIL	0.06 hrs			STATEHIS						
08-28-13 09:07:05	SDT-LOT	0.30 hrs			STATEHIS						
08-28-13 09:24:57	EQAVAIL ####	0.10 hrs			STATEHIS						
08-28-13 09:31:13	SDT-LOT	0.19 hrs			STATEHIS						
08-28-13 09:42:29	EQAVAIL ####	0.12 hrs			STATEHIS						
08-28-13 09:49:25	MPSRECOVER	0.80 hrs			STATEHIS						
08-28-13 10:37:07			R1373605	UNKNOWN	COMMENT	SPC Fail 2X					
08-28-13 10:37:07	UDOWN	0.41 hrs	R1373605		STATEHIS						
08-28-13 11:01:40			J1628728/0	MEA-WMOR	JOBSTART	SPC Fail 2X	DOWN	SPC	PROCESSQUAL FAIL	SPC	RECIPE ISSUE
08-28-13 11:01:40	UMAINT	0.01 hrs	J1628728/0		STATEHIS						
08-28-13 11:02:24			J1628728/0	MEA-WMOR	COMMENT	Recalibrate.					
08-28-13 11:02:26			J1628728/0	MEA-WMOR	JOBCOMP	SPC Fail 2X	DOWN	SPC	PROCESSQUAL FAIL	SPC	RECIPE ISSUE
08-28-13 11:02:26	UDTSPCHECK	1.48 hrs	J1628728/0		STATEHIS						
08-28-13 12:31:27			R1373641	UNKNOWN	COMMENT	failed Tan NBeol w mean again					
08-28-13 12:31:27	UDOWN	5.48 hrs	R1373641		STATEHIS						
08-28-13 17:50:19				FRYLING	TOOLBOX	Status Update: failed Tan NBeol w mean again. Rigaku to address in the morning. May need engineering intervention as well for calibrations. CP 8/29 10am					

Timestamp	State	Hours	Reference	Originator	Log Type	Job Title / Comment	Action Type	Symptom	Major Code	Detail Code	Action Code
08-28-13 18:00:00	UDOWN	0.58 hrs	R1373641		STATEHIS						
08-28-13 18:34:47			J1628894/0	AJDYE	JOBSTART	failed Tan NBeol w mean again	DOWN	SPC	PROCESSQUAL FAIL	SPC	
08-28-13 18:34:48	UMAINT	0.01 hrs	J1628894/0		STATEHIS						
08-28-13 18:35:34			J1628894/0	AJDYE	COMMENT	Tool continues to fail Tan NBeol W Mean. Tool down to Rigaku. CP 8/29 @ 1000					
08-28-13 18:35:36			J1628894/0	AJDYE	COMMENT	(wait for maintenance)					
08-28-13 18:35:36	UM-W-MNT	11.41 hrs	J1628894/0		STATEHIS						
08-29-13 06:00:00	UM-W-MNT	2.93 hrs	J1628894/0		STATEHIS						
08-29-13 08:55:30	UMAINT	0.00 hrs	J1628894/0		STATEHIS						
08-29-13 08:55:43			J1628894/0	AJDYE	JOBCOMP	failed Tan NBeol w mean again	DOWN	SPC	PROCESSQUAL FAIL	SPC	
08-29-13 08:55:43	UDTSPCHECK	0.17 hrs	J1628894/0		STATEHIS						
08-29-13 09:05:47	EQAVAIL ####	0.23 hrs			STATEHIS						
08-29-13 09:19:29	SDT-LOT	0.23 hrs			STATEHIS						
08-29-13 09:33:33	EQAVAIL ####	8.44 hrs			STATEHIS						
08-29-13 18:00:00	EQAVAIL ####	8.24 hrs			STATEHIS						
08-30-13 02:14:16	SDT-LOT	0.89 hrs			STATEHIS						
08-30-13 03:07:36	EQAVAIL ####	2.87 hrs			STATEHIS						
08-30-13 06:00:00	EQAVAIL ####	1.09 hrs			STATEHIS						
08-30-13 07:05:34	SDT-LOT	0.08 hrs			STATEHIS						
08-30-13 07:10:09	EQAVAIL ####	0.78 hrs			STATEHIS						
08-30-13 07:56:41	SDT-LOT	0.12 hrs			STATEHIS						
08-30-13 08:03:36	EQAVAIL ####	5.43 hrs			STATEHIS						
08-30-13 13:29:25	SDT-LOT	0.16 hrs			STATEHIS						
08-30-13 13:38:53	EQAVAIL ####	1.05 hrs			STATEHIS						
08-30-13 14:42:03	SDT-LOT	0.10 hrs			STATEHIS						
08-30-13 14:48:18	EQAVAIL ####	3.20 hrs			STATEHIS						
08-30-13 18:00:00	EQAVAIL ####	10.09 hrs			STATEHIS						
08-31-13 04:05:23	SDT-LOT	0.01 hrs			STATEHIS						
08-31-13 04:05:50	EQAVAIL ####	0.48 hrs			STATEHIS						
08-31-13 04:34:54			R1374883	UNKNOWN	COMMENT	QualID=R_KV01_2009-07-22-13.52.55.436000					
08-31-13 04:34:54	UDOWN	0.49 hrs	R1374883		STATEHIS						
08-31-13 05:04:32	UMAINT	0.05 hrs	J1630146/0	AJDYE	JOBSTART	QualName=Auto3 FM Qual	DOWN	SPC	PROCESSQUAL FAIL	SPC	FM
08-31-13 05:04:32	UMAINT	0.05 hrs	J1630146/0	AJDYE	COMMENT	Tool had one pass and one failing wafer. The failing wafer ply map is scattered and no signature of concern. The wpsc chart does not have a trend. Mea going to rerun the fm fail for a second time.					
08-31-13 05:07:30			J1630146/0	AJDYE	JOBCOMP	QualName=Auto3 FM Qual	DOWN	SPC	PROCESSQUAL FAIL	SPC	FM
08-31-13 05:07:30	UDTSPCHECK	0.88 hrs	J1630146/0		STATEHIS						
08-31-13 06:00:00	UDTSPCHECK	0.34 hrs	J1630146/0		STATEHIS						
08-31-13 06:05:22				AJDYE	TOOLBOX	Status Update: FM Rerunning 2x, Foup 104918. Awaiting results					
08-31-13 06:20:23	EQAVAIL	0.04 hrs			STATEHIS						
08-31-13 06:22:32	MPSQUAL	2.28 hrs			STATEHIS						
08-31-13 08:39:17	EQAVAIL ####	1.14 hrs			STATEHIS						
08-31-13 09:47:54	SDT-LOT	0.10 hrs			STATEHIS						
08-31-13 09:54:10	EQAVAIL ####	8.10 hrs			STATEHIS						
08-31-13 18:00:00	EQAVAIL ####	9.27 hrs			STATEHIS						
09-01-13 03:16:27	SDT-LOT	0.82 hrs			STATEHIS						
09-01-13 04:05:24	EQAVAIL ####	1.91 hrs			STATEHIS						
09-01-13 06:00:00	EQAVAIL ####	1.27 hrs			STATEHIS						
09-01-13 07:16:21	SDT-LOT	0.08 hrs			STATEHIS						
09-01-13 07:20:55	EQAVAIL ####	0.09 hrs			STATEHIS						
09-01-13 07:26:01	SDT-LOT	0.15 hrs			STATEHIS						
09-01-13 07:35:11	EQAVAIL ####	0.16 hrs			STATEHIS						
09-01-13 07:44:31	SDT-LOT	0.29 hrs			STATEHIS						
09-01-13 08:02:11	EQAVAIL ####	5.86 hrs			STATEHIS						
09-01-13 13:53:31	SDT-LOT	0.19 hrs			STATEHIS						
09-01-13 14:04:47	EQAVAIL ####	0.90 hrs			STATEHIS						
09-01-13 14:59:03	SDT-LOT	0.10 hrs			STATEHIS						
09-01-13 15:05:12	EQAVAIL ####	2.91 hrs			STATEHIS						
09-01-13 18:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
09-02-13 06:00:00	EQAVAIL ####	3.31 hrs			STATEHIS						
09-02-13 09:18:32	SDT-LOT	0.29 hrs			STATEHIS						
09-02-13 09:36:00	EQAVAIL ####	0.72 hrs			STATEHIS						
09-02-13 10:19:26	SDT-LOT	0.22 hrs			STATEHIS						
09-02-13 10:32:29	EQAVAIL ####	7.46 hrs			STATEHIS						
09-02-13 18:00:00	EQAVAIL ####	10.35 hrs			STATEHIS						
09-03-13 04:20:47	SDT-LOT	0.82 hrs			STATEHIS						
09-03-13 05:10:09	EQAVAIL ####	0.83 hrs			STATEHIS						
09-03-13 06:00:00	EQAVAIL ####	1.46 hrs			STATEHIS						
09-03-13 07:27:29	SDT-LOT	0.08 hrs			STATEHIS						
09-03-13 07:32:11	EQAVAIL ####	0.15 hrs			STATEHIS						

Timestamp	State	Hours	Reference	Originator	Log Type	Job Title / Comment	Action Type	Symptom	Major Code	Detail Code	Action Code
09-03-13 07:40:54	SDT-LOT	0.15 hrs			STATEHIS						
09-03-13 07:50:08	EQAVAIL ####	1.30 hrs			STATEHIS						
09-03-13 09:08:22	UDOWN	0.07 hrs	R1376158		STATEHIS						
09-03-13 09:08:23			R1376158	UNKNOWN	COMMENT	Alignment wafer on left side issue error.					
09-03-13 09:12:47			J1631553/0	MEA-WMOR	JOBSTART	Alignment wafer on left side issue error.	DOWN	SPC	PROCESSQUAL FAIL	SPC	RECIPE ISSUE
09-03-13 09:12:47	UMAINT	8.79 hrs	J1631553/0		STATEHIS						
09-03-13 11:20:28			J1631553/0	MEA-WMOR	COMMENT	The Cu source spot size was HOS in the X plane. The total Spot size is adjust to 0.06					
09-03-13 13:59:55				OBAID	TOOLBOX	ETA Update: ETA updated to None					
09-03-13 13:59:58				OBAID	TOOLBOX	ETA Update: ETA updated to 09-03 14:04					
09-03-13 15:19:30			J1631553/0	MEA-MLID	COMMENT	Alignment wafer on left side issue error. XY InPlane distro running, part 1 of 2. Each take 8 hours					
09-03-13 18:00:00	UMAINT	12.00 hrs	J1631553/0		STATEHIS						
09-03-13 18:01:54				MCNEIL	TOOLBOX	Status Update: Alignment wafer on left side issue error. The Cu source spot size was HOS in the X plane. The total Spot size is adjust to 0.06 ... Alignment wafer on left side issue error. XY InPlane distro running, part 1 of 2. Each take 8 hours .CP 9/04 AM.					
09-04-13 06:00:00	UMAINT	7.71 hrs	J1631553/0		STATEHIS						
09-04-13 07:02:23				GILMANDA	TOOLBOX	Critical: KV01 is now critical for mfg					
09-04-13 08:28:04			J1631553/0	MEA-MLID	COMMENT	Alignment wafer on left side issue error. XY InPlane distro part II started. Part I passed.					
09-04-13 11:59:59				GILMANDA	TOOLBOX	Status Update: 9/4 11:30am update: Alignment wafer on left side issue error. The generator was found to be off. It is now up and recovered. The SSD was recovered and Rigaku is calibrating intensities. Ckpt 5pm					
09-04-13 12:00:00				GILMANDA	TOOLBOX	Status Update: 9/4 11:30am update: Alignment wafer on left side issue error. The generator was found to be off. It is now up and recovered. The SSD was recovered and Rigaku is calibrating intensities. Ckpt 5pm					
09-04-13 12:00:01				GILMANDA	TOOLBOX	Status Update: 9/4 11:30am update: Alignment wafer on left side issue error. The generator was found to be off. It is now up and recovered. The SSD was recovered and Rigaku is calibrating intensities and correction table adjustments. Ckpt 5pm					
09-04-13 13:33:06			J1631553/0	MEA-MLID	COMMENT	Alignment wafer on left side issue error. completed in plane distro. xrf intensity check started					
09-04-13 13:42:49			J1631553/0	MEA-WMOR	JOBSTART	Alignment wafer on left side issue error.	DOWN	SPC	PROCESSQUAL FAIL	OTHER	SEE COMMENTS
09-04-13 13:42:49	UDTSPCHECK	0.94 hrs	J1631553/0		STATEHIS						
09-04-13 14:39:22	EQAVAIL	0.08 hrs			STATEHIS						
09-04-13 14:44:12	MPSQUAL	0.82 hrs			STATEHIS						
09-04-13 15:06:39				GILMANDA	TOOLBOX	Critical: KV01 is no longer critical for mfg					
09-04-13 15:33:37			R1376692	UNKNOWN	COMMENT	MOL HS TIN HM THK MEAN FAILED					
09-04-13 15:33:37	UDOWN	1.38 hrs	R1376692		STATEHIS						
09-04-13 16:06:41			R1376702	UNKNOWN	COMMENT	QualID=M_KV01_2009-07-22-13.56.08.187000					
09-04-13 16:23:03				PPATEL	TOOLBOX	Status Update:					
09-04-13 16:23:07				PPATEL	TOOLBOX	Status Update:					
09-04-13 16:23:28				PPATEL	TOOLBOX	Status Update: FM also failed					
09-04-13 16:23:46				PPATEL	TOOLBOX	Status Update: FM also failed MOL HS TIN HM THK MEAN FAILED					
09-04-13 16:56:16			J1632188/0	MEA-MLID	JOBSTART	QualName=Auto 3 FM Qual	DOWN	FM	PROCESSQUAL FAIL	OTHER	SEE COMMENTS
09-04-13 16:56:16	UMAINT	0.01 hrs	J1632188/0		STATEHIS						
09-04-13 16:56:49			J1632188/0	MEA-MLID	COMMENT	It is an open air tool. Re run FM					
09-04-13 16:56:58			J1632188/1	MEA-MLID	JOBSTART	MOL HS TIN HM THK MEAN FAILED	DOWN	SPC	PROCESSQUAL FAIL	SPC	CALIBRATED
09-04-13 16:56:58	UMAINT	0.01 hrs	J1632188/1		STATEHIS						
09-04-13 16:57:37			J1632188/1	MEA-MLID	COMMENT	Recipe needs recalibration. Please contact IBM process engineer					
09-04-13 16:57:38			J1632188/0	MEA-MLID	JOBSTART	QualName=Auto 3 FM Qual	DOWN	FM	PROCESSQUAL FAIL	OTHER	SEE COMMENTS
09-04-13 16:57:38			J1632188/1	MEA-MLID	JOBSTART	MOL HS TIN HM THK MEAN FAILED	DOWN	SPC	PROCESSQUAL FAIL	SPC	CALIBRATED
09-04-13 16:57:38	UDTSPCHECK	1.04 hrs	J1632188/1		STATEHIS						
09-04-13 18:00:00	UDTSPCHECK	1.52 hrs	J1632188/1		STATEHIS						
09-04-13 18:40:57				GILMANDA	TOOLBOX	Status Update: 9/4 6pm update: MOL HS TIN HM THK MEAN FAILED, Randy Bakken will work on calibrations and requal and send an update to the night team. It also failed 1 of 2 wfrs on the 1st FM, a rerun is scheduled.					
09-04-13 19:31:17			R1376778	UNKNOWN	COMMENT	tMSP TOOL ALARM: Stage Error					
09-04-13 19:31:17	UDOWN	0.56 hrs	R1376778		STATEHIS						
09-04-13 20:05:05			J1632252/0	AJDYE	JOBSTART	tMSP TOOL ALARM: Stage Error	DOWN	ALARM	WAFER HANDLER	CONTROLLER	
09-04-13 20:05:05	UMAINT	0.76 hrs	J1632252/0		STATEHIS						
09-04-13 20:49:43			J1632252/0	AJDYE	COMMENT	Alarm ID-0400 - Code 6; Stage can't receive response. Wafer slot 21 from foup 141891 was on the stage at the time of the error. As per maint. procedure I visually verified the wafer presence on the stage and made sure it was centered, I shutdown the GUI software and PC, Rebooted the Secondary PC, Powered up the GUI PC, reconnected the Ion Monitor to the Interface Module, Restarted the MPM Software, Manually loaded the foup on the load port and cleared out the wafer from the tool back into its original position, and returned the tool back to online/remote. Foup manually stocked in. Tool clear back to mfg.					
09-04-13 20:50:41			J1632252/0	AJDYE	JOBSTART	tMSP TOOL ALARM: Stage Error	DOWN	ALARM	WAFER HANDLER	CONTROLLER	
09-04-13 20:50:42	UDTSPCHECK	3.48 hrs	J1632252/0		STATEHIS						
09-05-13 00:19:32	EQAVAIL ####	1.40 hrs			STATEHIS						
09-05-13 01:43:38			R1376890	UNKNOWN	COMMENT	Failed TIN thickness avg and TaN thickness avg					
09-05-13 01:43:38	UDOWN	0.03 hrs	R1376890		STATEHIS						
09-05-13 01:45:39			J1632348/0	AJDYE	JOBSTART	Failed TIN thickness avg and TaN thickness avg	DOWN	SPC	PROCESSQUAL FAIL	SPC	
09-05-13 01:45:39	UMAINT	0.01 hrs	J1632348/0		STATEHIS						

Timestamp	State	Hours	Reference	Originator	Log Type	Job Title / Comment	Action Type	Symptom	Major Code	Detail Code	Action Code
09-05-13 01:46:16			J1632348/0	AJDYE	COMMENT	Tool failed TiN Thickness avg and TaN Thickness Avg again. Down to Engineering and Vendor.					
09-05-13 01:46:17	UM-W-MNT	4.23 hrs	J1632348/0		STATEHIS						
09-05-13 01:46:18			J1632348/0	AJDYE	COMMENT	(wait for maintenance)					
09-05-13 02:05:07				AJDYE	TOOLBOX	Status Update: Tool failed TiN Thickness avg and TaN Thickness Avg again. Down to Engineering and Vendor					
09-05-13 06:00:00	UM-W-MNT	1.89 hrs	J1632348/0		STATEHIS						
09-05-13 07:53:22	UMAIN	0.02 hrs	J1632348/0		STATEHIS						
09-05-13 07:53:57			J1632348/0	GILMANDA	COMMENT	Failed TiN thickness avg and TaN thickness avg eng recalibrating					
09-05-13 07:54:22			J1632348/0	AJDYE	JOBCOMP	Failed TiN thickness avg and TaN thickness avg	DOWN	SPC	PROCESSQUAL FAIL	SPC	CALIBRATED
09-05-13 07:54:24	UDTSPCHECK	0.03 hrs	J1632348/0		STATEHIS						
09-05-13 07:56:12	MPSQUAL	0.70 hrs			STATEHIS						
09-05-13 08:38:21	EQAVAIL ####	0.15 hrs			STATEHIS						
09-05-13 08:47:29	SDT-LOT	0.89 hrs			STATEHIS						
09-05-13 09:40:58	EQAVAIL ####	0.12 hrs			STATEHIS						
09-05-13 09:48:17	SDT-LOT	0.20 hrs			STATEHIS						
09-05-13 10:00:06	EQAVAIL ####	0.55 hrs			STATEHIS						
09-05-13 10:32:54	SDT-LOT	0.55 hrs			STATEHIS						
09-05-13 11:06:06	EQAVAIL ####	6.90 hrs			STATEHIS						
09-05-13 18:00:00	EQAVAIL ####	4.98 hrs			STATEHIS						
09-05-13 22:58:53	SDT-LOT	0.15 hrs			STATEHIS						
09-05-13 23:07:57	EQAVAIL ####	2.91 hrs			STATEHIS						
09-06-13 02:02:30	SDT-LOT	0.27 hrs			STATEHIS						
09-06-13 02:18:33	EQAVAIL ####	3.69 hrs			STATEHIS						
09-06-13 06:00:00	EQAVAIL ####	9.42 hrs			STATEHIS						
09-06-13 15:25:22	SDT-LOT	0.29 hrs			STATEHIS						
09-06-13 15:42:36	EQAVAIL ####	2.29 hrs			STATEHIS						
09-06-13 18:00:00	EQAVAIL ####	9.40 hrs			STATEHIS						
09-07-13 03:23:50	SDT-LOT	0.30 hrs			STATEHIS						
09-07-13 03:41:46	EQAVAIL ####	0.84 hrs			STATEHIS						
09-07-13 04:32:26	SDT-LOT	0.12 hrs			STATEHIS						
09-07-13 04:39:52	EQAVAIL ####	0.21 hrs			STATEHIS						
09-07-13 04:52:31	SDT-LOT	0.10 hrs			STATEHIS						
09-07-13 04:58:46	EQAVAIL ####	1.02 hrs			STATEHIS						
09-07-13 06:00:00	EQAVAIL ####	4.65 hrs			STATEHIS						
09-07-13 10:39:15	SDT-LOT	0.06 hrs			STATEHIS						
09-07-13 10:42:41	EQAVAIL	0.05 hrs			STATEHIS						
09-07-13 10:45:48	SDT-LOT	0.15 hrs			STATEHIS						
09-07-13 10:54:39	EQAVAIL ####	0.49 hrs			STATEHIS						
09-07-13 11:23:59	SDT-LOT	0.82 hrs			STATEHIS						
09-07-13 12:13:12	EQAVAIL ####	5.78 hrs			STATEHIS						
09-07-13 18:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
09-08-13 06:00:00	EQAVAIL ####	6.80 hrs			STATEHIS						
09-08-13 12:48:06	SDT-LOT	0.29 hrs			STATEHIS						
09-08-13 13:05:38	EQAVAIL ####	0.93 hrs			STATEHIS						
09-08-13 14:01:39	SDT-LOT	0.14 hrs			STATEHIS						
09-08-13 14:09:47	EQAVAIL ####	2.05 hrs			STATEHIS						
09-08-13 16:12:39	SDT-LOT	0.43 hrs			STATEHIS						
09-08-13 16:38:25	EQAVAIL ####	1.36 hrs			STATEHIS						
09-08-13 18:00:00	EQAVAIL ####	0.82 hrs			STATEHIS						
09-08-13 18:49:24	SDT-LOT	0.09 hrs			STATEHIS						
09-08-13 18:54:34	EQAVAIL ####	2.20 hrs			STATEHIS						
09-08-13 21:06:38	SDT-LOT	0.17 hrs			STATEHIS						
09-08-13 21:16:40	EQAVAIL ####	3.84 hrs			STATEHIS						
09-09-13 01:07:09	SDT-LOT	0.15 hrs			STATEHIS						
09-09-13 01:16:01	EQAVAIL ####	1.44 hrs			STATEHIS						
09-09-13 02:42:32	SDT-LOT	0.30 hrs			STATEHIS						
09-09-13 03:00:27	EQAVAIL ####	0.92 hrs			STATEHIS						
09-09-13 03:55:53	SDT-LOT	0.11 hrs			STATEHIS						
09-09-13 04:02:25	EQAVAIL ####	1.21 hrs			STATEHIS						
09-09-13 05:15:15	SDT-LOT	0.12 hrs			STATEHIS						
09-09-13 05:22:12	EQAVAIL ####	0.63 hrs			STATEHIS						
09-09-13 06:00:00	EQAVAIL ####	9.52 hrs			STATEHIS						
09-09-13 15:31:15	SDT-LOT	0.15 hrs			STATEHIS						
09-09-13 15:40:08	EQAVAIL	0.01 hrs			STATEHIS						
09-09-13 15:40:49	SDT-LOT	0.09 hrs			STATEHIS						
09-09-13 15:46:16	EQAVAIL ####	2.23 hrs			STATEHIS						
09-09-13 18:00:00	EQAVAIL ####	9.82 hrs			STATEHIS						
09-10-13 03:49:09	SDT-LOT	0.29 hrs			STATEHIS						
09-10-13 04:06:18	EQAVAIL ####	0.93 hrs			STATEHIS						

Timestamp	State	Hours	Reference	Originator	Log Type	Job Title / Comment	Action Type	Symptom	Major Code	Detail Code	Action Code
09-10-13 05:01:56	SDT-LOT	0.29 hrs			STATEHIS						
09-10-13 05:19:08	EQAVAIL ####	0.68 hrs			STATEHIS						
09-10-13 06:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
09-10-13 18:00:00	EQAVAIL ####	1.34 hrs			STATEHIS						
09-10-13 19:20:20	SDT-LOT	0.32 hrs			STATEHIS						
09-10-13 19:39:47	EQAVAIL ####	8.49 hrs			STATEHIS						
09-11-13 04:09:05	SDT-LOT	0.11 hrs			STATEHIS						
09-11-13 04:15:24	EQAVAIL ####	1.31 hrs			STATEHIS						
09-11-13 05:33:55	SDT-LOT	0.11 hrs			STATEHIS						
09-11-13 05:40:43	EQAVAIL ####	0.32 hrs			STATEHIS						
09-11-13 05:59:54	MPSQUAL	0.00 hrs			STATEHIS						
09-11-13 06:00:00	MPSQUAL	1.66 hrs			STATEHIS						
09-11-13 07:39:45	EQAVAIL ####	0.89 hrs			STATEHIS						
09-11-13 08:33:17	SDT-LOT	0.30 hrs			STATEHIS						
09-11-13 08:51:14	EQAVAIL ####	1.38 hrs			STATEHIS						
09-11-13 10:14:10	SDT-LOT	0.24 hrs			STATEHIS						
09-11-13 10:28:21	EQAVAIL ####	7.53 hrs			STATEHIS						
09-11-13 18:00:00	EQAVAIL ####	0.21 hrs			STATEHIS						
09-11-13 18:12:48	SDT-LOT	0.29 hrs			STATEHIS						
09-11-13 18:30:16	EQAVAIL ####	0.69 hrs			STATEHIS						
09-11-13 19:11:37	SDT-LOT	1.04 hrs			STATEHIS						
09-11-13 20:13:44	EQAVAIL ####	9.77 hrs			STATEHIS						
09-12-13 06:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
09-12-13 18:00:00	EQAVAIL ####	1.77 hrs			STATEHIS						
09-12-13 19:46:18	SDT-LOT	0.31 hrs			STATEHIS						
09-12-13 20:04:52	EQAVAIL ####	0.58 hrs			STATEHIS						
09-12-13 20:39:44	SDT-LOT	0.29 hrs			STATEHIS						
09-12-13 20:57:23	EQAVAIL ####	7.65 hrs			STATEHIS						
09-13-13 04:36:08	SDT-LOT	0.11 hrs			STATEHIS						
09-13-13 04:42:27	EQAVAIL ####	1.29 hrs			STATEHIS						
09-13-13 06:00:00	EQAVAIL ####	1.20 hrs			STATEHIS						
09-13-13 07:12:14	SDT-LOT	0.11 hrs			STATEHIS						
09-13-13 07:18:54	EQAVAIL ####	10.69 hrs			STATEHIS						
09-13-13 18:00:00	EQAVAIL ####	1.46 hrs			STATEHIS						
09-13-13 19:27:20	SDT-LOT	0.09 hrs			STATEHIS						
09-13-13 19:32:58	EQAVAIL	0.05 hrs			STATEHIS						
09-13-13 19:35:56	SDT-LOT	0.15 hrs			STATEHIS						
09-13-13 19:45:04	EQAVAIL ####	0.78 hrs			STATEHIS						
09-13-13 20:31:39	SDT-LOT	0.85 hrs			STATEHIS						
09-13-13 21:22:23	EQAVAIL ####	2.11 hrs			STATEHIS						
09-13-13 23:29:02	SDT-LOT	0.44 hrs			STATEHIS						
09-13-13 23:55:27	EQAVAIL ####	6.08 hrs			STATEHIS						
09-14-13 06:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
09-14-13 18:00:00	EQAVAIL ####	2.33 hrs			STATEHIS						
09-14-13 20:19:39	SDT-LOT	0.30 hrs			STATEHIS						
09-14-13 20:37:41	EQAVAIL ####	4.90 hrs			STATEHIS						
09-15-13 01:31:38	SDT-LOT	0.30 hrs			STATEHIS						
09-15-13 01:49:46	EQAVAIL ####	4.17 hrs			STATEHIS						
09-15-13 06:00:00	EQAVAIL ####	1.98 hrs			STATEHIS						
09-15-13 07:59:01	SDT-LOT	0.11 hrs			STATEHIS						
09-15-13 08:05:51	EQAVAIL ####	5.48 hrs			STATEHIS						
09-15-13 13:34:49	SDT-LOT	0.11 hrs			STATEHIS						
09-15-13 13:41:36	EQAVAIL ####	4.31 hrs			STATEHIS						
09-15-13 18:00:00	EQAVAIL ####	1.67 hrs			STATEHIS						
09-15-13 19:40:05	SDT-LOT	0.09 hrs			STATEHIS						
09-15-13 19:45:32	EQAVAIL ####	0.10 hrs			STATEHIS						
09-15-13 19:51:43	SDT-LOT	3.97 hrs			STATEHIS						
09-15-13 23:49:56			R1381945	UNKNOWN	COMMENT	TOOL needs reboot ports keep dropping					
09-15-13 23:49:56	UDOWN	0.03 hrs	R1381945		STATEHIS						
09-15-13 23:51:35			J1637846/0	NAITZAD	JOBSTART	TOOL needs reboot ports keep dropping	DOWN	ALARM	TOOL FAULT	OTHER	
09-15-13 23:51:36	UMAIN	1.37 hrs	J1637846/0		STATEHIS						
09-16-13 01:13:53			J1637846/0	NAITZAD	COMMENT	sw wasnt even on... started it and tool is fine now					
09-16-13 01:13:58			J1637846/0	NAITZAD	JOBCOMP	TOOL needs reboot ports keep dropping	DOWN	ALARM	TOOL FAULT	OTHER	
09-16-13 01:13:59	UDTSPCHECK	0.00 hrs	J1637846/0		STATEHIS						
09-16-13 01:14:08	EQAVAIL ####	0.21 hrs			STATEHIS						
09-16-13 01:26:32	SDT-LOT	0.22 hrs			STATEHIS						
09-16-13 01:40:01	EQAVAIL ####	1.07 hrs			STATEHIS						
09-16-13 02:44:08	SDT-LOT	0.31 hrs			STATEHIS						
09-16-13 03:02:37	EQAVAIL ####	2.96 hrs			STATEHIS						

Timestamp	State	Hours	Reference	Originator	Log Type	Job Title / Comment	Action Type	Symptom	Major Code	Detail Code	Action Code
09-16-13 06:00:00	EQAVAIL #####	0.26 hrs			STATEHIS						
09-16-13 06:15:18	UDOWN	1.83 hrs	R1382058		STATEHIS						
09-16-13 06:15:19			R1382058	UNKNOWN	COMMENT	not pulling jobs					
09-16-13 08:05:17			J1637997/0	MCNEIL	JOBSTART	not pulling jobs	DOWN	MEASURE PROB	NON-EQ PROBLEM	PROCESS	
09-16-13 08:05:17	UMAINT	0.02 hrs	J1637997/0		STATEHIS						
09-16-13 08:06:31			J1637997/0	MCNEIL	COMMENT	Eng has a number of recipes inhibited because of tool matching between KV01 and KV02.					
09-16-13 08:06:34			J1637997/0	MCNEIL	JOBCOMP	not pulling jobs	DOWN	MEASURE PROB	NON-EQ PROBLEM	PROCESS	
09-16-13 08:06:34	UDTSPCHECK	0.07 hrs	J1637997/0		STATEHIS						
09-16-13 08:10:36	EQAVAIL #####	9.82 hrs			STATEHIS						
09-16-13 18:00:00	EQAVAIL #####	2.64 hrs			STATEHIS						
09-16-13 20:38:40	SDT-LOT	0.31 hrs			STATEHIS						
09-16-13 20:57:33	EQAVAIL #####	6.56 hrs			STATEHIS						
09-17-13 03:31:21	SDT-LOT	0.31 hrs			STATEHIS						
09-17-13 03:50:00	EQAVAIL #####	2.17 hrs			STATEHIS						
09-17-13 06:00:00	EQAVAIL #####	2.38 hrs			STATEHIS						
09-17-13 08:22:53	SDT-LOT	0.08 hrs			STATEHIS						
09-17-13 08:27:39	EQAVAIL #####	9.54 hrs			STATEHIS						
09-17-13 18:00:00	EQAVAIL #####	12.00 hrs			STATEHIS						
09-18-13 06:00:00	EQAVAIL #####	6.97 hrs			STATEHIS						
09-18-13 09:24:13				MIHANSJ	TOOLBOX	Status Update: The autofocus controller has been changed today. Initial tests show an improvement in blanket wafer error reduction. Parameters have been checked and set properly. Refinement will take place on Wednesday and provide further improvements (this includes checking of remaining parameters) We do not expect changes to recipes nor any additional global settings The notch position was checked and not a problem The Innsbruck wafer will be tested on Wednesday and further examination of left right issues. Best case results will return the machine back to IBM on Thursday afternoon Process is going well and we are seeing positive results.					
09-18-13 12:57:55			R1383235	UNKNOWN	COMMENT	Autofocus replacement					
09-18-13 12:57:55	UDOWN	0.76 hrs	R1383235		STATEHIS						
09-18-13 13:43:16			J1639252/0	MEA-WMOR	JOBSTART	Autofocus replacement	DOWN	OTHER			
09-18-13 13:43:16	UMAINT	4.28 hrs	J1639252/0		STATEHIS						
09-18-13 18:00:00	UMAINT	12.00 hrs	J1639252/0		STATEHIS						
09-19-13 06:00:00	UMAINT	12.00 hrs	J1639252/0		STATEHIS						
09-19-13 18:00:00	UMAINT	12.00 hrs	J1639252/0		STATEHIS						
09-20-13 06:00:00	UMAINT	3.46 hrs	J1639252/0		STATEHIS						
09-20-13 07:06:36				MIHANSJ	TOOLBOX	Status Update: 9/20 6AM: After speaking with Mike Lyubchenko and Matsuda it appears the work completed with the controller will require some of the alignment procedures to be repeated. The intensity for the direct beam is normal but intensities at center of the wafer are lower. Because the intensity can be regained by adjusting X either manually or through prescan the tool needs realignment. Matsuda has measured Rigaku wafer with prescan to see the uniformity. Matsuda started the correction table. Mike Lyubchenko will come back tomorrow to help in resolving the problem. We will send further updates as they are received.					
09-20-13 09:27:19			J1639252/0	MCNEIL	COMMENT	Autofocus replacement PE request to run tool.					
09-20-13 09:27:21			J1639252/0	MEA-WMOR	JOBCOMP	Autofocus replacement	DOWN	OTHER	1FDC EQUIPMENT	OTHER	
09-20-13 09:27:22	UDTSPCHECK	1.78 hrs	J1639252/0		STATEHIS						
09-20-13 11:14:13	EQAVAIL #####	6.76 hrs			STATEHIS						
09-20-13 18:00:00	EQAVAIL #####	12.00 hrs			STATEHIS						
09-21-13 06:00:00	EQAVAIL #####	12.00 hrs			STATEHIS						
09-21-13 18:00:00	EQAVAIL #####	12.00 hrs			STATEHIS						
09-22-13 06:00:00	EQAVAIL #####	12.00 hrs			STATEHIS						
09-22-13 18:00:00	EQAVAIL #####	12.00 hrs			STATEHIS						
09-23-13 06:00:00	EQAVAIL #####	2.11 hrs			STATEHIS						
09-23-13 08:06:37	SDTRELEASE	0.02 hrs			STATEHIS						
09-23-13 08:07:41			P0374101/0	GILMANDA	JOBSTART	Quarterly PM for Rigaku WX-300	PM	PM	PM	PM	PERFORMED PM
09-23-13 08:07:42	PM	0.02 hrs	P0374101/0		STATEHIS						
09-23-13 08:07:45			P0374101/0	GILMANDA	CHECKLIST	1: Completed / Req. - Heat Exchanger: Check the coolant level.					
09-23-13 08:07:48			P0374101/0	GILMANDA	CHECKLIST	2: Completed / Req. - Heat Exchanger: Check and replace the Coolant Filter if necessary.					
09-23-13 08:07:51			P0374101/0	GILMANDA	CHECKLIST	3: Completed / Req. - Flow Detector: Check the Silicon Oil Level for the PR Gas Flow Detector.					
09-23-13 08:07:53			P0374101/0	GILMANDA	CHECKLIST	4: Completed / Req. - Flow Detector: Wire Clean the Gas Flow Detector.					

Timestamp	State	Hours	Reference	Originator	Log Type	Job Title / Comment	Action Type	Symptom	Major Code	Detail Code	Action Code
09-23-13 08:08:26			P0374101/0	GILMANDA	COMMENT	Quarterly PM for Rigaku WX-300 DONE					
09-23-13 08:08:35			P0374101/0	GILMANDA	JOBCOMP	Quarterly PM for Rigaku WX-300	PM	PM	PM	PM	PERFORMED PM
09-23-13 08:08:40	SDTSPCHECK	0.04 hrs	P0374101/0		STATEHIS						
09-23-13 08:10:54	EQAVAIL #####	0.12 hrs			STATEHIS						
09-23-13 08:18:01			R1385450	UNKNOWN	COMMENT	inhibited and unavailable					
09-23-13 08:18:01	UDOWN	0.84 hrs	R1385450		STATEHIS						
09-23-13 09:08:20			J1641612/0	MCGRATHK	JOBSTART	inhibited and unavailable	DOWN	FM	NON-EQ PROBLEM	OTHER	SEE COMMENTS
09-23-13 09:08:20	UMAINT	0.01 hrs	J1641612/0		STATEHIS						
09-23-13 09:08:47			J1641612/0	MCGRATHK	COMMENT	Asked engineer to clear timer inhibit					
09-23-13 09:08:59			J1641612/0	MCGRATHK	COMMENT	(wait process eng rep)					
09-23-13 09:08:59	PEREPAIR	2.53 hrs	J1641612/0		STATEHIS						
09-23-13 11:40:52			R1385510	UNKNOWN	COMMENT	tMSP TOOL ALARM: Stage Error					
09-23-13 11:40:52	UDOWN	5.92 hrs	R1385510		STATEHIS						
09-23-13 11:44:31			R1385512	UNKNOWN	COMMENT						
09-23-13 11:52:33			R1385517	UNKNOWN	COMMENT						
09-23-13 17:35:58	UMAINT	0.01 hrs	J1641612/0		STATEHIS						
09-23-13 17:36:20			J1641612/0	GILMANDA	COMMENT	inhibited and unavailable ENGON TOOL					
09-23-13 17:36:24			J1641612/0	MCGRATHK	JOBCOMP	inhibited and unavailable	DOWN	FM	NON-EQ PROBLEM	OTHER	SEE COMMENTS
09-23-13 17:36:25	UDTSPCHECK	0.01 hrs	J1641612/0		STATEHIS						
09-23-13 17:36:48	EQAVAIL	0.02 hrs			STATEHIS						
09-23-13 17:38:03			R1385636	GILMANDA	COMMENT	3 DAYS OF VENDOR HANDLING WORK. CKPT WED 5PM					
09-23-13 17:38:04	UDOWN	0.01 hrs	R1385636		STATEHIS						
09-23-13 17:38:22			J1641800/0	GILMANDA	JOBSTART	3 DAYS OF VENDOR HANDLING WORK. CKPT WED 5PM	DOWN	HANDLING			
09-23-13 17:38:23	UMAINT	0.00 hrs	J1641800/0		STATEHIS						
09-23-13 17:38:31	UM-W-MNT	0.36 hrs	J1641800/0		STATEHIS						
09-23-13 17:38:32			J1641800/0	GILMANDA	COMMENT	(wait for maintenance)					
09-23-13 18:00:00	UM-W-MNT	12.00 hrs	J1641800/0		STATEHIS						
09-24-13 06:00:00	UM-W-MNT	12.00 hrs	J1641800/0		STATEHIS						
09-24-13 18:00:00	UM-W-MNT	12.00 hrs	J1641800/0		STATEHIS						
09-25-13 06:00:00	UM-W-MNT	6.12 hrs	J1641800/0		STATEHIS						
09-25-13 12:07:09	UMAINT	0.01 hrs	J1641800/0		STATEHIS						
09-25-13 12:07:26			J1641800/0	FRYLING	COMMENT	3 DAYS OF VENDOR HANDLING WORK. CKPT WED 5PM Engineering ready to run quals					
09-25-13 12:07:28			J1641800/0	GILMANDA	JOBCOMP	3 DAYS OF VENDOR HANDLING WORK. CKPT WED 5PM	DOWN	HANDLING	1FDC EQUIPMENT	OTHER	
09-25-13 12:07:28	UDTSPCHECK	4.14 hrs	J1641800/0		STATEHIS						
09-25-13 16:16:05	MPSQUAL	0.09 hrs			STATEHIS						
09-25-13 16:21:40			R1386580	UNKNOWN	COMMENT	failed multiple quals. eng needs to continue work on the quals. Please code to PEREPAIR					
09-25-13 16:21:40	UDOWN	0.69 hrs	R1386580		STATEHIS						
09-25-13 17:03:08			J1642883/0	FRYLING	JOBSTART	failed multiple quals. eng needs to continue work on the quals. Please code to	DOWN	SPC			
09-25-13 17:03:09	UMAINT	0.01 hrs	J1642883/0		STATEHIS						
09-25-13 17:03:34			J1642883/0	FRYLING	COMMENT	(wait process eng rep)					
09-25-13 17:03:34	PEREPAIR	0.94 hrs	J1642883/0		STATEHIS						
09-25-13 17:31:04				FRYLING	TOOLBOX	Status Update: failed multiple quals. eng needs to continue work on the quals. Please code to PEREPAIR					
09-25-13 18:00:00	PEREPAIR	12.00 hrs	J1642883/0		STATEHIS						
09-25-13 23:18:33				AJDYE	TOOLBOX	Status Update: Quals for TIN and TaN not passing. Curves need to be adjusted and recalibrated. Waiting for IBM ENG to complete adjustments and re-run SPCs. Waiting on Rigaku work completed list. Tool CP 3PM 9/26.					
09-26-13 06:00:00	PEREPAIR	6.30 hrs	J1642883/0		STATEHIS						
09-26-13 12:17:52			R1386994	UNKNOWN	COMMENT	tool crashed					
09-26-13 12:17:52	UDOWN	1.04 hrs	R1386994		STATEHIS						
09-26-13 13:20:23			J1643327/0	MEA-WMOR	JOBSTART	tool crashed	DOWN	ALARM	TOOL FAULT	OTHER	SEE COMMENTS
09-26-13 13:20:23	UMAINT	0.34 hrs	J1643327/0		STATEHIS						
09-26-13 13:40:32			J1643327/0	MEA-WMOR	COMMENT	cause was cpu 2 locked up and then a restrt was tried looking up the main computer. had to reset both computers. to bring tool back on line tool is all set.					
09-26-13 13:40:39			J1643327/0	MEA-WMOR	JOBCOMP	tool crashed	DOWN	ALARM	TOOL FAULT	OTHER	SEE COMMENTS
09-26-13 13:40:40	UMAINT	0.01 hrs	J1642883/0		STATEHIS						
09-26-13 13:41:05			J1642883/0	MEA-WMOR	COMMENT	failed multiple quals. eng needs to continue work on the quals. Please code to tool is back to randy for quals.					
09-26-13 13:41:10			J1642883/0	FRYLING	JOBCOMP	failed multiple quals. eng needs to continue work on the quals. Please code to	DOWN	SPC	TOOL FAULT	OTHER	SEE COMMENTS
09-26-13 13:41:10	UDTSPCHECK	0.31 hrs	J1642883/0		STATEHIS						
09-26-13 13:59:48			R1387025	UNKNOWN	COMMENT	Multiple quals fail					
09-26-13 13:59:48	UDOWN	0.04 hrs	R1387025		STATEHIS						
09-26-13 14:02:15			J1643341/0	FRYLING	JOBSTART	Multiple quals fail	DOWN	SPC			
09-26-13 14:02:15	UMAINT	0.01 hrs	J1643341/0		STATEHIS						
09-26-13 14:02:37	PEREPAIR	3.96 hrs	J1643341/0		STATEHIS						
09-26-13 14:02:38			J1643341/0	FRYLING	COMMENT	(wait process eng rep)					
09-26-13 18:00:00	PEREPAIR	0.63 hrs	J1643341/0		STATEHIS						

Timestamp	State	Hours	Reference	Originator	Log Type	Job Title / Comment	Action Type	Symptom	Major Code	Detail Code	Action Code
09-26-13 18:38:03	UMAINT	0.01 hrs	J1643341/0		STATEHIS						
09-26-13 18:38:48			J1643341/0	FRYLING	COMMENT	Multiple quals fail Engineering has completed calcs and manual spc run and has given their blessing.					
09-26-13 18:38:49			J1643341/0	FRYLING	JOBCOMP	Multiple quals fail	DOWN	SPC	1FDC EQUIPMENT	OTHER	
09-26-13 18:38:49	UDTSPCHECK	0.03 hrs	J1643341/0		STATEHIS						
09-26-13 18:40:37	EQAVAIL	0.03 hrs		AJDYE	TOOLBOX	ETA Update: ETA updated to 09-26 21:00					
09-26-13 18:42:40	SDT-LOT	0.11 hrs			STATEHIS						
09-26-13 18:49:10	EQAVAIL	0.04 hrs			STATEHIS						
09-26-13 18:51:39	SDT-LOT	0.03 hrs			STATEHIS						
09-26-13 18:53:21	EQAVAIL	0.05 hrs			STATEHIS						
09-26-13 18:56:07	MPSQUAL	0.49 hrs			STATEHIS						
09-26-13 19:25:21	MPSRECOVER	0.08 hrs			STATEHIS						
09-26-13 19:30:16			R1387142	UNKNOWN	COMMENT	Failed qual awaiting further work					
09-26-13 19:30:16	UDOWN	0.05 hrs	R1387142		STATEHIS						
09-26-13 19:33:08			J1643483/0	AJDYE	JOBSTART	Failed qual awaiting further work	DOWN	SPC	PROCESSQUAL FAIL	SPC	
09-26-13 19:33:08	UMAINT	0.01 hrs	J1643483/0		STATEHIS						
09-26-13 19:33:30			J1643483/0	AJDYE	COMMENT	Randall B. working on calcs and rerunning fails.					
09-26-13 19:33:34			J1643483/0	AJDYE	COMMENT	(wait process eng rep)					
09-26-13 19:33:34	PEREPAIR	0.76 hrs	J1643483/0		STATEHIS						
09-26-13 20:19:00	UMAINT	0.00 hrs	J1643483/0		STATEHIS						
09-26-13 20:19:12			J1643483/0	AJDYE	COMMENT	PE Request spcheck to rerun					
09-26-13 20:19:14			J1643483/0	AJDYE	JOBCOMP	Failed qual awaiting further work	DOWN	SPC	PROCESSQUAL FAIL	SPC	
09-26-13 20:19:15	UDTSPCHECK	1.22 hrs	J1643483/0		STATEHIS						
09-26-13 21:32:16	EQAVAIL #####	1.50 hrs			STATEHIS						
09-26-13 21:32:46				AJDYE	TOOLBOX	Status Update: Failed qual rerun, PE performing adjustments and rerunning quals again.					
09-26-13 23:02:05	SDT-LOT	6.97 hrs			STATEHIS						
09-27-13 06:00:00	SDT-LOT	0.23 hrs			STATEHIS						
09-27-13 06:13:38	EQAVAIL #####	0.53 hrs			STATEHIS						
09-27-13 06:45:42	UDOWN	1.54 hrs	R1387378		STATEHIS						
09-27-13 06:45:43			R1387378	UNKNOWN	COMMENT	PORTS GOING DOWN					
09-27-13 08:18:09			J1643758/0	MEA-WMOR	JOBSTART	PORTS GOING DOWN	DOWN	SOFTWARE	TOOL FAULT	OTHER	SEE COMMENTS
09-27-13 08:18:09	UMAINT	0.34 hrs	J1643758/0		STATEHIS						
09-27-13 08:38:20			J1643758/0	MEA-WMOR	COMMENT	software was locked up when i arrived at the tool no alarms present. reset both computers tool is all set.					
09-27-13 08:38:24			J1643758/0	MEA-WMOR	JOBCOMP	PORTS GOING DOWN	DOWN	SOFTWARE	TOOL FAULT	OTHER	SEE COMMENTS
09-27-13 08:38:25	UDTSPCHECK	1.65 hrs	J1643758/0		STATEHIS						
09-27-13 10:17:20	EQAVAIL #####	0.33 hrs			STATEHIS						
09-27-13 10:37:00	SDT-LOT	0.23 hrs			STATEHIS						
09-27-13 10:50:58	EQAVAIL	0.02 hrs			STATEHIS						
09-27-13 10:52:02	SDT-LOT	0.88 hrs			STATEHIS						
09-27-13 11:44:42	EQAVAIL	0.05 hrs			STATEHIS						
09-27-13 11:47:52	SDT-LOT	1.89 hrs			STATEHIS						
09-27-13 13:41:21			R1387546	UNKNOWN	COMMENT	FOUP STUCK ON LP2					
09-27-13 13:41:21	UDOWN	0.22 hrs	R1387546		STATEHIS						
09-27-13 13:54:50			J1643928/0	MEA-WMOR	JOBSTART	FOUP STUCK ON LP2	DOWN	SOFTWARE	NON-EQ PROBLEM	OTHER	SEE COMMENTS
09-27-13 13:54:50	UMAINT	0.51 hrs	J1643928/0		STATEHIS						
09-27-13 14:25:11			J1643928/0	MEA-WMOR	COMMENT	found the software working properly. the over head system was not moving. I reset the tool and cleared the foup and the overhead delivery system has also been reset and everything looks good. I will send the log files out to make sure there are no other issues in the software after yesterday load port issues.					
09-27-13 14:25:16			J1643928/0	MEA-WMOR	JOBCOMP	FOUP STUCK ON LP2	DOWN	SOFTWARE	NON-EQ PROBLEM	OTHER	SEE COMMENTS
09-27-13 14:25:17	UDTSPCHECK	0.03 hrs	J1643928/0		STATEHIS						
09-27-13 14:26:48	EQAVAIL #####	0.81 hrs			STATEHIS						
09-27-13 15:15:31	SDT-LOT	0.19 hrs			STATEHIS						
09-27-13 15:27:08	EQAVAIL #####	2.55 hrs			STATEHIS						
09-27-13 18:00:00	EQAVAIL #####	9.02 hrs			STATEHIS						
09-28-13 03:01:26	SDT-LOT	0.15 hrs			STATEHIS						
09-28-13 03:10:31	EQAVAIL #####	0.23 hrs			STATEHIS						
09-28-13 03:24:11	SDT-LOT	0.08 hrs			STATEHIS						
09-28-13 03:28:48	EQAVAIL #####	0.81 hrs			STATEHIS						
09-28-13 04:17:35	SDT-LOT	0.26 hrs			STATEHIS						
09-28-13 04:33:22	EQAVAIL #####	0.29 hrs			STATEHIS						
09-28-13 04:50:44			R1387861	UNKNOWN	COMMENT	QualID=R_KV01_2009-07-22-13.52.55.436000					
09-28-13 04:50:44	UDOWN	0.11 hrs	R1387861		STATEHIS						
09-28-13 04:57:11			J1644254/0	AJDYE	JOBSTART	QualName=Auto3 FM Qual	DOWN	ALARM	PROCESSQUAL FAIL	SPC	
09-28-13 04:57:11	UMAINT	0.03 hrs	J1644254/0		STATEHIS						
09-28-13 04:59:03			J1644254/0	AJDYE	COMMENT	Tool failed FM. Wpsc chart does not show trend and the fail was one pass and one fail. Pre baldy map horrible. Tool going to rerun FM					
09-28-13 04:59:05			J1644254/0	AJDYE	JOBCOMP	QualName=Auto3 FM Qual	DOWN	ALARM	PROCESSQUAL FAIL	SPC	
09-28-13 04:59:05	UDTSPCHECK	1.02 hrs	J1644254/0		STATEHIS						

Timestamp	State	Hours	Reference	Originator	Log Type	Job Title / Comment	Action Type	Symptom	Major Code	Detail Code	Action Code
09-28-13 06:00:00	UDTSPCHECK	1.25 hrs	J1644254/0		STATEHIS						
09-28-13 07:14:49	EQAVAIL ####	10.75 hrs			STATEHIS						
09-28-13 18:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
09-29-13 06:00:00	EQAVAIL ####	1.17 hrs			STATEHIS						
09-29-13 07:10:10	SDT-LOT	0.28 hrs			STATEHIS						
09-29-13 07:27:13	EQAVAIL ####	4.97 hrs			STATEHIS						
09-29-13 12:25:27			R1388512	UNKNOWN	COMMENT	TOOL NOT PROCESSING					
09-29-13 12:25:27	UDOWN	0.05 hrs	R1388512		STATEHIS						
09-29-13 12:28:34			J1644945/0	MCGRATHK	JOBSTART	TOOL NOT PROCESSING	DOWN	OPER	NON-EQ PROBLEM	OPERATOR ERROR	
09-29-13 12:28:34	UMAINT	0.01 hrs	J1644945/0		STATEHIS						
09-29-13 12:29:08			J1644945/0	MCGRATHK	COMMENT	put down by mistake					
09-29-13 12:29:10			J1644945/0	MCGRATHK	JOBCOMP	TOOL NOT PROCESSING	DOWN	OPER	NON-EQ PROBLEM	OPERATOR ERROR	
09-29-13 12:29:11	UDTSPCHECK	0.01 hrs	J1644945/0		STATEHIS						
09-29-13 12:29:38	EQAVAIL ####	3.12 hrs			STATEHIS						
09-29-13 15:36:37	SDT-LOT	0.14 hrs			STATEHIS						
09-29-13 15:45:01	EQAVAIL ####	2.25 hrs			STATEHIS						
09-29-13 18:00:00	EQAVAIL ####	9.89 hrs			STATEHIS						
09-30-13 03:53:36	SDT-LOT	0.18 hrs			STATEHIS						
09-30-13 04:04:07	EQAVAIL ####	1.93 hrs			STATEHIS						
09-30-13 06:00:00	EQAVAIL ####	4.12 hrs			STATEHIS						
09-30-13 10:07:14	SDT-LOT	0.89 hrs			STATEHIS						
09-30-13 11:00:50	EQAVAIL ####	0.09 hrs			STATEHIS						
09-30-13 11:06:25	SDT-LOT	0.22 hrs			STATEHIS						
09-30-13 11:19:37	EQAVAIL	0.08 hrs			STATEHIS						
09-30-13 11:24:29	SDT-LOT	0.29 hrs			STATEHIS						
09-30-13 11:41:41	EQAVAIL ####	6.31 hrs			STATEHIS						
09-30-13 18:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
10-01-13 06:00:00	EQAVAIL ####	6.65 hrs			STATEHIS						
10-01-13 12:38:48	SDT-LOT	0.28 hrs			STATEHIS						
10-01-13 12:55:53	EQAVAIL ####	3.04 hrs			STATEHIS						
10-01-13 15:58:01	SDT-LOT	0.18 hrs			STATEHIS						
10-01-13 16:08:50	EQAVAIL ####	1.85 hrs			STATEHIS						
10-01-13 18:00:00	EQAVAIL ####	10.12 hrs			STATEHIS						
10-02-13 04:07:22	SDT-LOT	0.22 hrs			STATEHIS						
10-02-13 04:20:36	EQAVAIL ####	1.66 hrs			STATEHIS						
10-02-13 06:00:00	EQAVAIL ####	5.15 hrs			STATEHIS						
10-02-13 11:08:48	SDT-LOT	0.88 hrs			STATEHIS						
10-02-13 12:01:34	EQAVAIL	0.08 hrs			STATEHIS						
10-02-13 12:06:21	SDT-LOT	0.13 hrs			STATEHIS						
10-02-13 12:14:07	EQAVAIL ####	1.42 hrs			STATEHIS						
10-02-13 13:39:24	SDT-LOT	0.29 hrs			STATEHIS						
10-02-13 13:56:51	EQAVAIL ####	4.05 hrs			STATEHIS						
10-02-13 18:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
10-03-13 06:00:00	EQAVAIL ####	10.33 hrs			STATEHIS						
10-03-13 16:19:57	SDT-LOT	0.18 hrs			STATEHIS						
10-03-13 16:31:01	EQAVAIL ####	1.48 hrs			STATEHIS						
10-03-13 18:00:00	EQAVAIL ####	10.06 hrs			STATEHIS						
10-04-13 04:03:33	SDT-LOT	0.15 hrs			STATEHIS						
10-04-13 04:12:30	EQAVAIL ####	0.25 hrs			STATEHIS						
10-04-13 04:27:25	SDT-LOT	0.08 hrs			STATEHIS						
10-04-13 04:32:16	EQAVAIL ####	1.46 hrs			STATEHIS						
10-04-13 06:00:00	EQAVAIL ####	5.49 hrs			STATEHIS						
10-04-13 11:29:21	ENGRECOVER	0.91 hrs			STATEHIS						
10-04-13 12:23:50	EQAVAIL ####	2.43 hrs			STATEHIS						
10-04-13 14:49:37	SDT-LOT	0.86 hrs			STATEHIS						
10-04-13 15:41:28	EQAVAIL ####	0.14 hrs			STATEHIS						
10-04-13 15:50:08	SDT-LOT	0.21 hrs			STATEHIS						
10-04-13 16:02:54	EQAVAIL ####	1.95 hrs			STATEHIS						
10-04-13 18:00:00	EQAVAIL ####	7.12 hrs			STATEHIS						
10-05-13 01:07:13	SDT-LOT	0.09 hrs			STATEHIS						
10-05-13 01:12:20	EQAVAIL ####	4.79 hrs			STATEHIS						
10-05-13 06:00:00	EQAVAIL ####	4.06 hrs			STATEHIS						
10-05-13 10:03:24			R1391330	UNKNOWN	COMMENT	KV01 - Down for tool locked up with wafer inside.					
10-05-13 10:03:24	UDOWN	2.73 hrs	R1391330		STATEHIS						
10-05-13 12:47:02			J1648055/0	FRYLING	JOBSTART	KV01 - Down for tool locked up with wafer inside.	DOWN	SOFTWARE	1FDC EQUIPMENT	OTHER	
10-05-13 12:47:02	UMAINT	1.63 hrs	J1648055/0		STATEHIS						
10-05-13 14:24:46			J1648055/0	FRYLING	COMMENT	IVA alignment error. Foup aborted but never unloaded. Had to reboot both PC's in order to get the system tab enaBLED. wAS THEN ABLE TO START UP AND RECOVER WAFER					
10-05-13 14:24:49			J1648055/0	FRYLING	JOBCOMP	KV01 - Down for tool locked up with wafer inside.	DOWN	SOFTWARE	1FDC EQUIPMENT	OTHER	

Timestamp	State	Hours	Reference	Originator	Log Type	Job Title / Comment	Action Type	Symptom	Major Code	Detail Code	Action Code
10-05-13 14:24:49	UDTSPCHECK	0.01 hrs	J1648055/0		STATEHIS						
10-05-13 14:25:19	EQAVAIL ####	2.45 hrs			STATEHIS						
10-05-13 16:52:02	SDT-LOT	0.20 hrs			STATEHIS						
10-05-13 17:03:55	EQAVAIL ####	0.93 hrs			STATEHIS						
10-05-13 18:00:00	EQAVAIL ####	8.59 hrs			STATEHIS						
10-06-13 02:35:24	SDT-LOT	0.29 hrs			STATEHIS						
10-06-13 02:52:39	EQAVAIL ####	0.18 hrs			STATEHIS						
10-06-13 03:03:29	SDT-LOT	0.15 hrs			STATEHIS						
10-06-13 03:12:32	EQAVAIL ####	0.09 hrs			STATEHIS						
10-06-13 03:17:41	SDT-LOT	0.09 hrs			STATEHIS						
10-06-13 03:22:57	EQAVAIL ####	2.62 hrs			STATEHIS						
10-06-13 06:00:00	EQAVAIL ####	9.84 hrs			STATEHIS						
10-06-13 15:50:20	SDT-LOT	0.04 hrs			STATEHIS						
10-06-13 15:52:44	EQAVAIL	0.05 hrs			STATEHIS						
10-06-13 15:55:29	SDT-LOT	0.10 hrs			STATEHIS						
10-06-13 16:01:39	EQAVAIL ####	0.27 hrs			STATEHIS						
10-06-13 16:17:47	SDT-LOT	0.22 hrs			STATEHIS						
10-06-13 16:30:55	EQAVAIL ####	1.48 hrs			STATEHIS						
10-06-13 18:00:00	EQAVAIL ####	1.64 hrs			STATEHIS						
10-06-13 19:38:15			R1391980	UNKNOWN	COMMENT	TOOL DOWN TO MAINTENANCE FOUP LOCKED AND UNDOCKED P2					
10-06-13 19:38:15	UDOWN	0.07 hrs	R1391980		STATEHIS						
10-06-13 19:42:39			J1648748/0	NAITZAD	JOBSTART	TOOL DOWN TO MAINTENANCE FOUP LOCKED AND UNDOCKED P2	DOWN	ALARM	TOOL FAULT	OTHER	
10-06-13 19:42:39	UMAINT	0.48 hrs	J1648748/0		STATEHIS						
10-06-13 20:11:05			J1648748/0	NAITZAD	COMMENT	recovered					
10-06-13 20:11:10			J1648748/0	NAITZAD	JOBCOMP	TOOL DOWN TO MAINTENANCE FOUP LOCKED AND UNDOCKED P2	DOWN	ALARM	TOOL FAULT	OTHER	
10-06-13 20:11:10	UDTSPCHECK	0.02 hrs	J1648748/0		STATEHIS						
10-06-13 20:12:17	EQAVAIL ####	6.68 hrs			STATEHIS						
10-07-13 02:53:13			R1392103	UNKNOWN	COMMENT	0000561E: The lot [1339MCMT756.000] cannot be processed by the following inhibition(s). Equipment:KV01+Machine Recipe:MEAXR/MON/MTL.CoBlanket9Pt.1, Process					
10-07-13 02:53:13	UDOWN	0.10 hrs	R1392103		STATEHIS						
10-07-13 02:53:37			R1392104	UNKNOWN	COMMENT						
10-07-13 02:59:08			J1648876/0	NAITZAD	JOBSTART	0000561E: The lot [1339MCMT756.000] cannot be processed by the following inhibit	DOWN	ALARM	TOOL FAULT	OTHER	
10-07-13 02:59:08	UMAINT	0.04 hrs	J1648876/0		STATEHIS						
10-07-13 03:01:23			J1648876/0	NAITZAD	COMMENT	tool not inhibited, coding back up					
10-07-13 03:01:29			J1648876/0	NAITZAD	JOBCOMP	0000561E: The lot [1339MCMT756.000] cannot be processed by the following inhibit	DOWN	ALARM	TOOL FAULT	OTHER	
10-07-13 03:01:30	UDOWN	0.00 hrs	R1392104		STATEHIS						
10-07-13 03:01:41			J1648878/0	NAITZAD	JOBSTART	0000561E: The lot [1339MCMT756.000] cannot be processed by the following inhibit	DOWN	ALARM	TOOL FAULT	OTHER	
10-07-13 03:01:41	UMAINT	0.01 hrs	J1648878/0		STATEHIS						
10-07-13 03:01:59			J1648878/0	NAITZAD	COMMENT	tool is not inhibited, coding back up					
10-07-13 03:02:11			J1648878/0	NAITZAD	JOBCOMP	0000561E: The lot [1339MCMT756.000] cannot be processed by the following inhibit	DOWN	ALARM	TOOL FAULT	OTHER	
10-07-13 03:02:12	UDTSPCHECK	0.02 hrs	J1648878/0		STATEHIS						
10-07-13 03:03:07	EQAVAIL ####	0.88 hrs			STATEHIS						
10-07-13 03:56:07	SDT-LOT	0.30 hrs			STATEHIS						
10-07-13 04:14:06	EQAVAIL ####	1.77 hrs			STATEHIS						
10-07-13 06:00:00	EQAVAIL ####	9.36 hrs			STATEHIS						
10-07-13 15:21:27	ENG-SDT	2.56 hrs			STATEHIS						
10-07-13 17:55:16	EQAVAIL	0.08 hrs			STATEHIS						
10-07-13 18:00:00	EQAVAIL ####	0.25 hrs			STATEHIS						
10-07-13 18:15:15	SDT-LOT	0.16 hrs			STATEHIS						
10-07-13 18:24:49	EQAVAIL ####	0.54 hrs			STATEHIS						
10-07-13 18:57:02	SDT-LOT	0.14 hrs			STATEHIS						
10-07-13 19:05:42	EQAVAIL ####	1.03 hrs			STATEHIS						
10-07-13 20:07:32	SDT-LOT	0.15 hrs			STATEHIS						
10-07-13 20:16:49	EQAVAIL ####	5.95 hrs			STATEHIS						
10-08-13 02:14:02	SDT-LOT	0.08 hrs			STATEHIS						
10-08-13 02:19:04	EQAVAIL ####	3.68 hrs			STATEHIS						
10-08-13 06:00:00	EQAVAIL ####	1.28 hrs			STATEHIS						
10-08-13 07:16:30	SDTRELEASE	0.02 hrs			STATEHIS						
10-08-13 07:17:25			P0377114/0	GILMANDA	JOBSTART	Monthly PM for Rigaku WX-300	PM	PM	PM	PM	PERFORMED PM
10-08-13 07:17:27	PM	0.03 hrs	P0377114/0		STATEHIS						
10-08-13 07:18:05			P0377114/0	GILMANDA	CHECKLIST	1: Completed / Req. - Heat Exchanger: Check the coolant level.					
10-08-13 07:18:33			P0377114/0	GILMANDA	COMMENT	Monthly PM for Rigaku WX-300 DONE					
10-08-13 07:18:56			P0377114/0	GILMANDA	JOBCOMP	Monthly PM for Rigaku WX-300	PM	PM	PM	PM	PERFORMED PM
10-08-13 07:19:17			P0377115/0	GILMANDA	JOBSTART	IBM Quarterly Safety Inspection for Rigaku WX-300	PM	PM	PM	PM	PERFORMED PM
10-08-13 07:19:17	PM	0.02 hrs	P0377115/0		STATEHIS						
10-08-13 07:19:20			P0377115/0	GILMANDA	CHECKLIST	1: Completed / Req. - Complete IBM White Tag Equipment Safety Checklist.					
10-08-13 07:19:47			P0377115/0	GILMANDA	COMMENT	IBM Quarterly Safety Inspection for Rigaku WX-300 DONE					

Timestamp	State	Hours	Reference	Originator	Log Type	Job Title / Comment	Action Type	Symptom	Major Code	Detail Code	Action Code
10-08-13 07:20:01			P0377115/0	GILMANDA	JOBCOMP	IBM Quarterly Safety Inspection for Rigaku WX-300	PM	PM	PM	PM	PERFORMED PM
10-08-13 07:20:11	SDTSPCHECK	0.01 hrs	P0377115/0		STATEHIS						
10-08-13 07:20:55	EQAVAIL ####	4.46 hrs			STATEHIS						
10-08-13 11:48:33	SDT-LOT	0.29 hrs			STATEHIS						
10-08-13 12:05:39	EQAVAIL ####	4.15 hrs			STATEHIS						
10-08-13 16:14:45	SDT-LOT	0.11 hrs			STATEHIS						
10-08-13 16:21:11	EQAVAIL ####	0.40 hrs			STATEHIS						
10-08-13 16:44:53	SDT-LOT	0.21 hrs			STATEHIS						
10-08-13 16:57:33	EQAVAIL ####	1.04 hrs			STATEHIS						
10-08-13 18:00:00	EQAVAIL ####	9.95 hrs			STATEHIS						
10-09-13 03:56:48	SDT-LOT	0.81 hrs			STATEHIS						
10-09-13 04:45:29	EQAVAIL ####	1.24 hrs			STATEHIS						
10-09-13 06:00:00	EQAVAIL ####	7.95 hrs			STATEHIS						
10-09-13 13:56:47	SDT-LOT	0.29 hrs			STATEHIS						
10-09-13 14:14:10	EQAVAIL ####	3.76 hrs			STATEHIS						
10-09-13 18:00:00	EQAVAIL ####	2.46 hrs			STATEHIS						
10-09-13 20:27:36	SDT-LOT	0.19 hrs			STATEHIS						
10-09-13 20:39:01	EQAVAIL ####	5.75 hrs			STATEHIS						
10-10-13 02:23:47	SDT-LOT	0.20 hrs			STATEHIS						
10-10-13 02:35:52	EQAVAIL ####	3.40 hrs			STATEHIS						
10-10-13 06:00:00	EQAVAIL ####	10.04 hrs			STATEHIS						
10-10-13 16:02:30	SDT-LOT	0.26 hrs			STATEHIS						
10-10-13 16:18:11	UDT-ALARM	0.00 hrs			STATEHIS						
10-10-13 16:18:12			R1393815	UNKNOWN	COMMENT	tMSP TOOL ALARM: Stage Error					
10-10-13 16:18:12	UDOWN	0.34 hrs	R1393815		STATEHIS						
10-10-13 16:38:24			J1650761/0	MEA-WMOR	JOBSTART	tMSP TOOL ALARM: Stage Error	DOWN	ALARM	TOOL FAULT	OTHER	SEE COMMENTS
10-10-13 16:38:24	UMAIN	0.23 hrs	J1650761/0		STATEHIS						
10-10-13 16:52:01			J1650761/0	MEA-WMOR	COMMENT	had an stage error do to an alignment issue. also found stuf running in the back ground. tool is all set					
10-10-13 16:52:05			J1650761/0	MEA-WMOR	JOBCOMP	tMSP TOOL ALARM: Stage Error	DOWN	ALARM	TOOL FAULT	OTHER	SEE COMMENTS
10-10-13 16:52:05	UDTSPCHECK	0.02 hrs	J1650761/0		STATEHIS						
10-10-13 16:53:24	EQAVAIL ####	0.21 hrs			STATEHIS						
10-10-13 17:06:06	SDT-LOT	0.31 hrs			STATEHIS						
10-10-13 17:24:27	EQAVAIL ####	0.59 hrs			STATEHIS						
10-10-13 18:00:00	EQAVAIL ####	1.53 hrs			STATEHIS						
10-10-13 19:31:40	SDT-LOT	0.27 hrs			STATEHIS						
10-10-13 19:47:43	EQAVAIL ####	9.08 hrs			STATEHIS						
10-11-13 04:52:24	SDT-LOT	0.80 hrs			STATEHIS						
10-11-13 05:40:21	EQAVAIL ####	0.33 hrs			STATEHIS						
10-11-13 06:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
10-11-13 18:00:00	EQAVAIL ####	2.90 hrs			STATEHIS						
10-11-13 20:54:03	SDT-LOT	0.15 hrs			STATEHIS						
10-11-13 21:03:07	EQAVAIL ####	0.16 hrs			STATEHIS						
10-11-13 21:12:49	SDT-LOT	0.30 hrs			STATEHIS						
10-11-13 21:30:39	EQAVAIL ####	3.53 hrs			STATEHIS						
10-12-13 01:02:41	SDT-LOT	0.17 hrs			STATEHIS						
10-12-13 01:12:35	EQAVAIL ####	0.10 hrs			STATEHIS						
10-12-13 01:18:48	SDT-LOT	0.10 hrs			STATEHIS						
10-12-13 01:24:30	EQAVAIL ####	4.59 hrs			STATEHIS						
10-12-13 06:00:00	EQAVAIL ####	11.33 hrs			STATEHIS						
10-12-13 17:19:43	SDT-LOT	0.10 hrs			STATEHIS						
10-12-13 17:25:44	EQAVAIL ####	0.16 hrs			STATEHIS						
10-12-13 17:35:21	SDT-LOT	0.22 hrs			STATEHIS						
10-12-13 17:48:31	EQAVAIL ####	0.19 hrs			STATEHIS						
10-12-13 18:00:00	EQAVAIL ####	3.78 hrs			STATEHIS						
10-12-13 21:46:45	SDT-LOT	0.21 hrs			STATEHIS						
10-12-13 21:59:07	EQAVAIL ####	7.91 hrs			STATEHIS						
10-13-13 05:53:34	SDT-LOT	0.11 hrs			STATEHIS						
10-13-13 06:00:00	SDT-LOT	0.69 hrs			STATEHIS						
10-13-13 06:41:11	EQAVAIL ####	11.31 hrs			STATEHIS						
10-13-13 18:00:00	EQAVAIL ####	3.40 hrs			STATEHIS						
10-13-13 21:24:10	SDT-LOT	0.17 hrs			STATEHIS						
10-13-13 21:34:06	EQAVAIL ####	1.46 hrs			STATEHIS						
10-13-13 23:01:31	SDT-LOT	0.31 hrs			STATEHIS						
10-13-13 23:20:06	EQAVAIL	0.08 hrs			STATEHIS						
10-13-13 23:25:03	SDT-LOT	0.14 hrs			STATEHIS						
10-13-13 23:33:35	EQAVAIL	0.07 hrs			STATEHIS						
10-13-13 23:37:54	SDT-LOT	0.10 hrs			STATEHIS						
10-13-13 23:43:40	EQAVAIL	0.06 hrs			STATEHIS						
10-13-13 23:47:04			R1395457	UNKNOWN	COMMENT	QualID=R_KV01_2009-07-22-13.52.55.436000					

Timestamp	State	Hours	Reference	Originator	Log Type	Job Title / Comment	Action Type	Symptom	Major Code	Detail Code	Action Code
10-13-13 23:47:04	UDOWN	0.15 hrs	R1395457		STATEHIS						
10-13-13 23:55:54			J1652478/0	NAITZAD	JOBSTART	QualName=Auto3 FM Qual	DOWN	ALARM	TOOL FAULT	OTHER	
10-13-13 23:55:54	UMAIN	0.01 hrs	J1652478/0		STATEHIS						
10-13-13 23:56:22			J1652478/0	NAITZAD	COMMENT	re running FM per MFG					
10-13-13 23:56:28			J1652478/0	NAITZAD	JOBCOMP	QualName=Auto3 FM Qual	DOWN	ALARM	TOOL FAULT	OTHER	
10-13-13 23:56:29	UDTSPCHECK	0.01 hrs	J1652478/0		STATEHIS						
10-13-13 23:57:12	MPSQUAL	3.22 hrs			STATEHIS						
10-14-13 03:10:06	UDOWN	0.06 hrs	R1395527		STATEHIS						
10-14-13 03:10:07			R1395527	UNKNOWN	COMMENT	QualID=M_KV01_2009-07-22-13.56.08.187000					
10-14-13 03:13:42			J1652561/0	NAITZAD	JOBSTART	Failed FM 2 out of 4 times. Rigaku to address. Cp 10am 10/14	DOWN	ALARM			
10-14-13 03:13:43	UMAIN	0.01 hrs	J1652561/0		STATEHIS						
10-14-13 03:14:32			J1652561/0	NAITZAD	COMMENT	QualName=Auto 3 FM Qual (wait for maintenance)					
10-14-13 03:14:32	UM-W-MNT	2.76 hrs	J1652561/0		STATEHIS						
10-14-13 06:00:00	UM-W-MNT	9.52 hrs	J1652561/0		STATEHIS						
10-14-13 15:31:27	UMAIN	0.01 hrs	J1652561/0		STATEHIS						
10-14-13 15:32:05			J1652561/0	FRYLING	COMMENT	Failed FM 2 out of 4 times. Rigaku to address. Cp 10am 10/14 ENGINEERING TO WORK ON TOOL					
10-14-13 15:32:07			J1652561/0	NAITZAD	JOBCOMP	Failed FM 2 out of 4 times. Rigaku to address. Cp 10am 10/14	DOWN	ALARM	PROCESSQUAL FAIL	OTHER	
10-14-13 15:32:07	UDTSPCHECK	2.45 hrs	J1652561/0		STATEHIS						
10-14-13 17:58:49			R1395840	UNKNOWN	COMMENT	KV01 - is to stay down for rigaku vendor to continue to work on fm failures.					
10-14-13 17:58:49	UDOWN	0.02 hrs	R1395840		STATEHIS						
10-14-13 17:59:16			R1395841	UNKNOWN	COMMENT						
10-14-13 18:00:00	UDOWN	0.97 hrs	R1395840		STATEHIS						
10-14-13 18:07:16				FRYLING	TOOLBOX	Status Update: KV01 - is to stay down for rigaku vendor to continue to work on fm failures. No Rigaku coverage on 10/14. CP 10/15 11am					
10-14-13 18:58:01			J1652924/0	NAITZAD	JOBSTART	KV01 - is to stay down for rigaku vendor to continue to work on fm failures.	DOWN	ALARM			
10-14-13 18:58:01	UMAIN	0.01 hrs	J1652924/0		STATEHIS						
10-14-13 18:58:32			J1652924/0	NAITZAD	COMMENT	(wait for maintenance)					
10-14-13 18:58:32	UM-W-MNT	0.15 hrs	J1652924/0		STATEHIS						
10-14-13 19:07:34	UDOWN	0.06 hrs	R1395841		STATEHIS						
10-14-13 19:11:09			J1652927/0	NAITZAD	JOBSTART	KV01 - is to stay down for rigaku vendor to continue to work on fm failures.	DOWN	ALARM	TOOL FAULT	OTHER	
10-14-13 19:11:09	UMAIN	0.01 hrs	J1652927/0		STATEHIS						
10-14-13 19:11:39			J1652927/0	NAITZAD	COMMENT	already down					
10-14-13 19:11:46			J1652927/0	NAITZAD	JOBCOMP	KV01 - is to stay down for rigaku vendor to continue to work on fm failures.	DOWN	ALARM	TOOL FAULT	OTHER	
10-14-13 19:11:48	UMAIN	10.80 hrs	J1652924		STATEHIS						
10-15-13 06:00:00	UMAIN	2.57 hrs	J1652924		STATEHIS						
10-15-13 08:34:00	UMAIN	2.83 hrs	J1652924/0		STATEHIS						
10-15-13 08:34:28			J1652924/0	MEA-WMOR	COMMENT	KV01 - is to stay down for rigaku vendor to continue to work on fm failures. going to clean ion bar and efm. and check the stage area.					
10-15-13 10:03:14			J1652924/0	MEA-WMOR	COMMENT	the particle issue was casued by a cable rubbing inside the stage area. We relocated the cable to where it does not rub and cleand up the stage area and efm also cleand the ion bar. tool is currently running start up this will take about an hour.					
10-15-13 11:23:31			J1652924/0	MEA-WMOR	COMMENT	tool is ready for fm. the cause for the high fm was a cable rubbing.					
10-15-13 11:23:49			J1652924/0	NAITZAD	JOBCOMP	KV01 - is to stay down for rigaku vendor to continue to work on fm failures.	DOWN	ALARM	PROCESSQUAL FAIL	OTHER	
10-15-13 11:23:49	UDTSPCHECK	1.94 hrs	J1652924/0		STATEHIS						
10-15-13 13:20:12	EQAVAIL	0.02 hrs			STATEHIS						
10-15-13 13:21:17	UDOWN	0.06 hrs	R1396207		STATEHIS						
10-15-13 13:21:18			R1396207	UNKNOWN	COMMENT	LP2 hang up foup's door won't close needs vendor					
10-15-13 13:24:46			J1653338/0	MEA-WMOR	JOBSTART	LP2 hang up foup's door won't close needs vendor	DOWN	ALARM	TOOL FAULT	OTHER	SEE COMMENTS
10-15-13 13:24:46	UMAIN	0.38 hrs	J1653338/0		STATEHIS						
10-15-13 13:47:36			J1653338/0	MEA-WMOR	COMMENT	softwaere locked up tool is all set. needs fm					
10-15-13 13:47:40			J1653338/0	MEA-WMOR	JOBCOMP	LP2 hang up foup's door won't close needs vendor	DOWN	ALARM	TOOL FAULT	OTHER	SEE COMMENTS
10-15-13 13:47:41	UDTSPCHECK	1.88 hrs	J1653338/0		STATEHIS						
10-15-13 15:40:39	EQAVAIL ####	0.19 hrs			STATEHIS						
10-15-13 15:52:00	SDT-LOT	0.23 hrs			STATEHIS						
10-15-13 16:05:48	EQAVAIL ####	1.49 hrs			STATEHIS						
10-15-13 17:35:23	SDT-LOT	0.41 hrs			STATEHIS						
10-15-13 18:00:00	SDT-LOT	0.37 hrs			STATEHIS						
10-15-13 18:22:15	EQAVAIL ####	1.12 hrs			STATEHIS						
10-15-13 19:29:14	MPSQUAL	1.65 hrs			STATEHIS						
10-15-13 21:08:30			R1396387	UNKNOWN	COMMENT	RPL 3LTan Thickness Fail 2x					
10-15-13 21:08:30	UDOWN	0.33 hrs	R1396387		STATEHIS						
10-15-13 21:28:21			J1653534/0	NAITZAD	JOBSTART	RPL 3LTan Thickness Fail 2x. Rigaku to address. Cp 10am 10/16	DOWN	ALARM			
10-15-13 21:28:21	UMAIN	0.00 hrs	J1653534/0		STATEHIS						
10-15-13 21:28:25	UM-W-MNT	8.53 hrs	J1653534/0		STATEHIS						
10-15-13 21:28:26			J1653534/0	NAITZAD	COMMENT	(wait for maintenance)					
10-16-13 06:00:00	UM-W-MNT	2.36 hrs	J1653534/0		STATEHIS						
10-16-13 08:21:31	UMAIN	0.02 hrs	J1653534/0		STATEHIS						

Timestamp	State	Hours	Reference	Originator	Log Type	Job Title / Comment	Action Type	Symptom	Major Code	Detail Code	Action Code
10-16-13 08:21:51			J1653534/0	MEA-WMOR	COMMENT	RPL 3LTan Thickness Fail 2x. Rigaku to address. Cp 10am 10/16 this is an eng problem					
10-16-13 08:22:49			J1653534/0	MEA-WMOR	COMMENT	(wait process eng rep) this an ibm eng issue					
10-16-13 08:22:49	PEREPAIR	8.81 hrs	J1653534/0		STATEHIS						
10-16-13 17:11:07			J1653534/0	MCGRATHK	COMMENT	ok per Randy Balken					
10-16-13 17:11:10	UMAINT	0.01 hrs	J1653534/0		STATEHIS						
10-16-13 17:11:33			J1653534/0	NAITZAD	JOBCOMP	RPL 3LTan Thickness Fail 2x. Rigaku to address. Cp 10am 10/16	DOWN	ALARM	PROCESSQUAL FAIL	SPC	
10-16-13 17:11:33	UDTSPCHECK	0.01 hrs	J1653534/0		STATEHIS						
10-16-13 17:12:18	EQAVAIL ####	0.26 hrs			STATEHIS						
10-16-13 17:27:45	SDT-LOT	0.20 hrs			STATEHIS						
10-16-13 17:39:40	EQAVAIL ####	0.34 hrs			STATEHIS						
10-16-13 18:00:00	EQAVAIL ####	6.85 hrs			STATEHIS						
10-17-13 00:51:11	SDT-LOT	0.30 hrs			STATEHIS						
10-17-13 01:09:11	EQAVAIL ####	4.85 hrs			STATEHIS						
10-17-13 06:00:00	EQAVAIL ####	7.38 hrs			STATEHIS						
10-17-13 13:22:59	SDT-LOT	0.30 hrs			STATEHIS						
10-17-13 13:41:02	EQAVAIL ####	4.32 hrs			STATEHIS						
10-17-13 18:00:00	EQAVAIL ####	1.01 hrs			STATEHIS						
10-17-13 19:00:35	SDT-LOT	0.16 hrs			STATEHIS						
10-17-13 19:10:01	EQAVAIL ####	1.52 hrs			STATEHIS						
10-17-13 20:41:22	SDT-LOT	0.64 hrs			STATEHIS						
10-17-13 21:19:46	EQAVAIL ####	4.39 hrs			STATEHIS						
10-18-13 01:42:59	SDT-LOT	0.29 hrs			STATEHIS						
10-18-13 02:00:39	EQAVAIL ####	3.99 hrs			STATEHIS						
10-18-13 06:00:00	EQAVAIL ####	9.67 hrs			STATEHIS						
10-18-13 15:40:03	SDT-LOT	0.14 hrs			STATEHIS						
10-18-13 15:48:18	EQAVAIL ####	0.10 hrs			STATEHIS						
10-18-13 15:54:28	SDT-LOT	0.15 hrs			STATEHIS						
10-18-13 16:03:26	EQAVAIL	0.08 hrs			STATEHIS						
10-18-13 16:08:20	SDT-LOT	0.13 hrs			STATEHIS						
10-18-13 16:16:03	EQAVAIL ####	1.73 hrs			STATEHIS						
10-18-13 18:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
10-19-13 06:00:00	EQAVAIL ####	7.89 hrs			STATEHIS						
10-19-13 13:53:20	SDT-LOT	0.32 hrs			STATEHIS						
10-19-13 14:12:29	EQAVAIL ####	3.79 hrs			STATEHIS						
10-19-13 18:00:00	EQAVAIL ####	1.32 hrs			STATEHIS						
10-19-13 19:19:27	SDT-LOT	0.19 hrs			STATEHIS						
10-19-13 19:30:45	EQAVAIL ####	2.34 hrs			STATEHIS						
10-19-13 21:51:21	SDT-LOT	0.39 hrs			STATEHIS						
10-19-13 22:14:28	EQAVAIL ####	7.76 hrs			STATEHIS						
10-20-13 06:00:00	EQAVAIL ####	9.09 hrs			STATEHIS						
10-20-13 15:05:41	SDT-LOT	0.15 hrs			STATEHIS						
10-20-13 15:14:56	EQAVAIL ####	0.12 hrs			STATEHIS						
10-20-13 15:22:23	SDT-LOT	0.08 hrs			STATEHIS						
10-20-13 15:27:18	EQAVAIL ####	0.79 hrs			STATEHIS						
10-20-13 16:14:30	SDT-LOT	0.16 hrs			STATEHIS						
10-20-13 16:23:57	EQAVAIL ####	1.50 hrs			STATEHIS						
10-20-13 17:54:10	SDT-LOT	0.10 hrs			STATEHIS						
10-20-13 18:00:00	SDT-LOT	0.17 hrs			STATEHIS						
10-20-13 18:10:05	EQAVAIL ####	4.27 hrs			STATEHIS						
10-20-13 22:26:15	UDOWN	0.23 hrs	R1399051		STATEHIS						
10-20-13 22:26:16			R1399051	UNKNOWN	COMMENT	tool not running					
10-20-13 22:39:48			J1656425/0	NAITZAD	JOBSTART	tool not running	DOWN	ALARM	TOOL FAULT	OTHER	
10-20-13 22:39:48	UMAINT	0.01 hrs	J1656425/0		STATEHIS						
10-20-13 22:39:59			J1656425/0	NAITZAD	COMMENT	wrong tool					
10-20-13 22:40:05			J1656425/0	NAITZAD	JOBCOMP	tool not running	DOWN	ALARM	TOOL FAULT	OTHER	
10-20-13 22:40:07	UDTSPCHECK	0.10 hrs	J1656425/0		STATEHIS						
10-20-13 22:45:54	EQAVAIL ####	7.24 hrs			STATEHIS						
10-21-13 06:00:00	EQAVAIL ####	8.10 hrs			STATEHIS						
10-21-13 14:06:13	SDT-LOT	0.10 hrs			STATEHIS						
10-21-13 14:12:14	EQAVAIL ####	0.24 hrs			STATEHIS						
10-21-13 14:26:25	SDT-LOT	0.22 hrs			STATEHIS						
10-21-13 14:39:33	EQAVAIL ####	3.34 hrs			STATEHIS						
10-21-13 18:00:00	EQAVAIL ####	1.16 hrs			STATEHIS						
10-21-13 19:09:48	SDT-LOT	0.29 hrs			STATEHIS						
10-21-13 19:27:28	EQAVAIL ####	0.29 hrs			STATEHIS						
10-21-13 19:44:49	SDT-LOT	0.04 hrs			STATEHIS						
10-21-13 19:47:18	EQAVAIL ####	3.04 hrs			STATEHIS						
10-21-13 22:49:42	SDT-LOT	0.65 hrs			STATEHIS						

Timestamp	State	Hours	Reference	Originator	Log Type	Job Title / Comment	Action Type	Symptom	Major Code	Detail Code	Action Code
10-21-13 23:28:33	EQAVAIL ####	6.52 hrs			STATEHIS						
10-22-13 06:00:00	EQAVAIL ####	9.70 hrs			STATEHIS						
10-22-13 15:42:14	SDT-LOT	0.22 hrs			STATEHIS						
10-22-13 15:55:31	EQAVAIL ####	0.64 hrs			STATEHIS						
10-22-13 16:33:57	SDT-LOT	0.19 hrs			STATEHIS						
10-22-13 16:45:03	EQAVAIL ####	1.25 hrs			STATEHIS						
10-22-13 18:00:00	EQAVAIL ####	2.64 hrs			STATEHIS						
10-22-13 20:38:22	SDT-LOT	0.31 hrs			STATEHIS						
10-22-13 20:56:41	EQAVAIL ####	9.06 hrs			STATEHIS						
10-23-13 06:00:00	EQAVAIL ####	8.49 hrs			STATEHIS						
10-23-13 14:29:16	SDT-LOT	0.11 hrs			STATEHIS						
10-23-13 14:35:49	EQAVAIL ####	0.26 hrs			STATEHIS						
10-23-13 14:51:35	SDT-LOT	0.71 hrs			STATEHIS						
10-23-13 15:34:20	EQAVAIL ####	2.43 hrs			STATEHIS						
10-23-13 18:00:00	EQAVAIL ####	2.03 hrs			STATEHIS						
10-23-13 20:01:44	SDT-LOT	0.19 hrs			STATEHIS						
10-23-13 20:13:04	EQAVAIL ####	2.62 hrs			STATEHIS						
10-23-13 22:50:20	SDT-LOT	0.30 hrs			STATEHIS						
10-23-13 23:08:06	EQAVAIL ####	0.64 hrs			STATEHIS						
10-23-13 23:46:28	SDT-LOT	0.65 hrs			STATEHIS						
10-24-13 00:25:13	EQAVAIL ####	5.58 hrs			STATEHIS						
10-24-13 06:00:00	EQAVAIL ####	10.00 hrs			STATEHIS						
10-24-13 16:00:12	SDT-LOT	0.10 hrs			STATEHIS						
10-24-13 16:06:27	EQAVAIL ####	0.86 hrs			STATEHIS						
10-24-13 16:57:53	SDT-LOT	0.20 hrs			STATEHIS						
10-24-13 17:09:43	EQAVAIL ####	0.84 hrs			STATEHIS						
10-24-13 18:00:00	EQAVAIL ####	7.62 hrs			STATEHIS						
10-25-13 01:37:20	SDT-LOT	0.31 hrs			STATEHIS						
10-25-13 01:56:07	EQAVAIL ####	4.06 hrs			STATEHIS						
10-25-13 06:00:00	EQAVAIL ####	11.20 hrs			STATEHIS						
10-25-13 17:12:05	SDT-LOT	0.07 hrs			STATEHIS						
10-25-13 17:16:28	EQAVAIL ####	0.73 hrs			STATEHIS						
10-25-13 18:00:00	EQAVAIL ####	0.30 hrs			STATEHIS						
10-25-13 18:18:15	SDT-LOT	0.14 hrs			STATEHIS						
10-25-13 18:26:53	EQAVAIL ####	2.00 hrs			STATEHIS						
10-25-13 20:26:45	SDT-LOT	0.19 hrs			STATEHIS						
10-25-13 20:37:52	EQAVAIL ####	3.93 hrs			STATEHIS						
10-26-13 00:33:51	SDT-LOT	0.65 hrs			STATEHIS						
10-26-13 01:13:08	EQAVAIL ####	1.47 hrs			STATEHIS						
10-26-13 02:41:19	SDT-LOT	0.28 hrs			STATEHIS						
10-26-13 02:58:16	EQAVAIL ####	3.03 hrs			STATEHIS						
10-26-13 06:00:00	EQAVAIL ####	10.20 hrs			STATEHIS						
10-26-13 16:12:04	SDT-LOT	0.08 hrs			STATEHIS						
10-26-13 16:16:55	EQAVAIL ####	1.19 hrs			STATEHIS						
10-26-13 17:28:03	SDT-LOT	0.21 hrs			STATEHIS						
10-26-13 17:40:51	EQAVAIL ####	0.32 hrs			STATEHIS						
10-26-13 18:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
10-27-13 06:00:00	EQAVAIL ####	2.20 hrs			STATEHIS						
10-27-13 08:11:55	SDT-LOT	0.28 hrs			STATEHIS						
10-27-13 08:28:59	EQAVAIL ####	8.95 hrs			STATEHIS						
10-27-13 17:25:54	SDT-LOT	0.12 hrs			STATEHIS						
10-27-13 17:33:08	EQAVAIL ####	0.13 hrs			STATEHIS						
10-27-13 17:40:49	SDT-LOT	0.22 hrs			STATEHIS						
10-27-13 17:54:06	EQAVAIL ####	0.10 hrs			STATEHIS						
10-27-13 18:00:00	EQAVAIL ####	0.56 hrs			STATEHIS						
10-27-13 18:33:45	SDT-LOT	0.15 hrs			STATEHIS						
10-27-13 18:42:52	EQAVAIL ####	2.04 hrs			STATEHIS						
10-27-13 20:45:01	SDT-LOT	0.18 hrs			STATEHIS						
10-27-13 20:55:55	EQAVAIL ####	4.54 hrs			STATEHIS						
10-28-13 01:28:17	SDT-LOT	0.65 hrs			STATEHIS						
10-28-13 02:07:24	EQAVAIL ####	3.88 hrs			STATEHIS						
10-28-13 06:00:00	EQAVAIL ####	10.78 hrs			STATEHIS						
10-28-13 16:46:43	SDT-LOT	0.04 hrs			STATEHIS						
10-28-13 16:48:59	EQAVAIL ####	1.18 hrs			STATEHIS						
10-28-13 18:00:00	EQAVAIL ####	0.03 hrs			STATEHIS						
10-28-13 18:01:46	SDT-LOT	0.21 hrs			STATEHIS						
10-28-13 18:14:12	EQAVAIL ####	11.76 hrs			STATEHIS						
10-29-13 06:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
10-29-13 18:00:00	EQAVAIL ####	2.93 hrs			STATEHIS						

Timestamp	State	Hours	Reference	Originator	Log Type	Job Title / Comment	Action Type	Symptom	Major Code	Detail Code	Action Code
10-29-13 20:56:03	SDT-LOT	0.29 hrs			STATEHIS						
10-29-13 21:13:31	EQAVAIL ####	0.18 hrs			STATEHIS						
10-29-13 21:24:23	SDT-LOT	0.30 hrs			STATEHIS						
10-29-13 21:42:16	EQAVAIL ####	0.15 hrs			STATEHIS						
10-29-13 21:51:12	SDT-LOT	0.20 hrs			STATEHIS						
10-29-13 22:03:11	EQAVAIL ####	4.34 hrs			STATEHIS						
10-30-13 02:23:22	SDT-LOT	0.66 hrs			STATEHIS						
10-30-13 03:02:50	EQAVAIL ####	2.95 hrs			STATEHIS						
10-30-13 06:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
10-30-13 18:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
10-31-13 06:00:00	EQAVAIL ####	4.72 hrs			STATEHIS						
10-31-13 10:43:28	SDT-LOT	0.29 hrs			STATEHIS						
10-31-13 11:01:00	EQAVAIL ####	6.98 hrs			STATEHIS						
10-31-13 18:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
11-01-13 06:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
11-01-13 18:00:00	EQAVAIL ####	2.71 hrs			STATEHIS						
11-01-13 20:42:40	SDT-LOT	0.15 hrs			STATEHIS						
11-01-13 20:51:23	EQAVAIL ####	9.14 hrs			STATEHIS						
11-02-13 06:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
11-02-13 18:00:00	EQAVAIL ####	1.17 hrs			STATEHIS						
11-02-13 19:10:03	SDT-LOT	0.10 hrs			STATEHIS						
11-02-13 19:16:19	EQAVAIL ####	5.54 hrs			STATEHIS						
11-03-13 00:48:29	SDT-LOT	0.28 hrs			STATEHIS						
11-03-13 01:05:30	EQAVAIL ####	4.91 hrs			STATEHIS						
11-03-13 06:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
11-03-13 18:00:00	EQAVAIL ####	3.75 hrs			STATEHIS						
11-03-13 21:45:06	SDT-LOT	0.18 hrs			STATEHIS						
11-03-13 21:56:04	EQAVAIL ####	0.51 hrs			STATEHIS						
11-03-13 22:26:50	SDT-LOT	0.19 hrs			STATEHIS						
11-03-13 22:38:25	EQAVAIL ####	5.05 hrs			STATEHIS						
11-04-13 03:41:35	SDT-LOT	0.64 hrs			STATEHIS						
11-04-13 04:20:16	EQAVAIL ####	1.66 hrs			STATEHIS						
11-04-13 06:00:00	EQAVAIL ####	0.05 hrs			STATEHIS						
11-04-13 06:03:01	SDT-LOT	0.30 hrs			STATEHIS						
11-04-13 06:20:46	EQAVAIL ####	11.65 hrs			STATEHIS						
11-04-13 18:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
11-05-13 06:00:00	EQAVAIL ####	1.51 hrs			STATEHIS						
11-05-13 07:30:47	SDTRELEASE	0.83 hrs			STATEHIS						
11-05-13 08:20:35			P0383260/0	MEA-WMOR	JOBSTART	Monthly PM for Rigaku WX-300	PM	PM	PM	PM	PERFORMED PM
11-05-13 08:20:35	PM	0.91 hrs	P0383260/0		STATEHIS						
11-05-13 08:20:39			P0383260/0	MEA-WMOR	CHECKLIST	2: Completed / Req. - Recipe File Backup					
11-05-13 08:20:41			P0383260/0	MEA-WMOR	CHECKLIST	1: Completed / Req. - Heat Exchanger: Check the coolant level.					
11-05-13 09:15:10			P0383260/0	MEA-WMOR	COMMENT	Monthly PM for Rigaku WX-300 pm complet					
11-05-13 09:15:17			P0383260/0	MEA-WMOR	JOBCOMP	Monthly PM for Rigaku WX-300	PM	PM	PM	PM	PERFORMED PM
11-05-13 09:15:18	SDTSPCHECK	0.03 hrs	P0383260/0		STATEHIS						
11-05-13 09:16:56	EQAVAIL ####	8.72 hrs			STATEHIS						
11-05-13 18:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
11-06-13 06:00:00	EQAVAIL ####	10.44 hrs			STATEHIS						
11-06-13 16:26:34			R1407282	UNKNOWN	COMMENT	tool stopped processing with wafers in tool					
11-06-13 16:26:34	UDOWN	0.35 hrs	R1407282		STATEHIS						
11-06-13 16:47:38			J1665443/0	MEA-WMOR	JOBSTART	tool stopped processing with wafers in tool	DOWN	ALARM	PROCESSQUAL FAIL	OTHER	SEE COMMENTS
11-06-13 16:47:38	UMAINT	0.14 hrs	J1665443/0		STATEHIS						
11-06-13 16:55:57			J1665443/0	MEA-WMOR	COMMENT	tool stoped processing around 10:45am tool was put down at 4:30pm. tool has been recovered had a recipe issue which caused a fatal error. tool is all set					
11-06-13 16:56:02			J1665443/0	MEA-WMOR	JOBCOMP	tool stopped processing with wafers in tool	DOWN	ALARM	PROCESSQUAL FAIL	OTHER	SEE COMMENTS
11-06-13 16:56:03	UDTSPCHECK	0.01 hrs	J1665443/0		STATEHIS						
11-06-13 16:56:42	EQAVAIL ####	0.92 hrs			STATEHIS						
11-06-13 17:52:09	SDT-LOT	0.13 hrs			STATEHIS						
11-06-13 18:00:00	SDT-LOT	0.16 hrs			STATEHIS						
11-06-13 18:09:22	EQAVAIL ####	11.84 hrs			STATEHIS						
11-07-13 06:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
11-07-13 18:00:00	EQAVAIL ####	6.66 hrs			STATEHIS						
11-08-13 00:39:29	SDT-LOT	0.31 hrs			STATEHIS						
11-08-13 00:57:54	EQAVAIL ####	0.54 hrs			STATEHIS						
11-08-13 01:30:15			R1408032	UNKNOWN	COMMENT	QualID=R_KV01_2009-07-22-13.52.55.436000					
11-08-13 01:30:15	UDOWN	0.14 hrs	R1408032		STATEHIS						
11-08-13 01:38:22			J1666193/0	AJDYE	JOBSTART	QualName=Auto3 FM Qual	DOWN	SPC	PROCESSQUAL FAIL	SPC	
11-08-13 01:38:23	UMAINT	0.22 hrs	J1666193/0		STATEHIS						

Timestamp	State	Hours	Reference	Originator	Log Type	Job Title / Comment	Action Type	Symptom	Major Code	Detail Code	Action Code
11-08-13 01:51:46			J1666193/0	AJDYE	COMMENT	FM Fail (1st fail) one wafer pass and one failing. Failing lot 1334MCME003.000 had 15 adders in a clump in the center of the wafer. The other passing wafer did not have anything like that signature. The wscp chart does not show a trend. Tool to rerun FM fail for a second time.					
11-08-13 01:51:47			J1666193/0	AJDYE	JOBCOMP	QualName=Auto3 FM Qual	DOWN	SPC	PROCESSQUAL FAIL	SPC	
11-08-13 01:51:48	UDTSPCHECK	0.35 hrs	J1666193/0								
11-08-13 02:12:32	EQAVAIL ####	0.46 hrs			STATEHIS						
11-08-13 02:39:50	SDT-LOT	0.28 hrs			STATEHIS						
11-08-13 02:56:46	EQAVAIL ####	2.09 hrs			STATEHIS						
11-08-13 05:02:23	SDT-LOT	0.12 hrs			STATEHIS						
11-08-13 05:09:22	EQAVAIL ####	0.84 hrs			STATEHIS						
11-08-13 06:00:00	EQAVAIL ####	0.31 hrs			STATEHIS						
11-08-13 06:18:45			R1408118	UNKNOWN	COMMENT	thMSP TOOL ALARM: Stage Error					
11-08-13 06:18:45	UDOWN	1.95 hrs	R1408118		STATEHIS						
11-08-13 07:26:15				GILMANDA	TOOLBOX	Critical: KV01 is now critical for mfg					
11-08-13 08:15:37			J1666315/0	MEA-WMOR	JOBSTART	thMSP TOOL ALARM: Stage Error	DOWN	ALARM	TOOL FAULT	ALARMING	SEE COMMENTS
11-08-13 08:15:37	UMAINT	0.28 hrs	J1666315/0		STATEHIS						
11-08-13 08:32:22			J1666315/0	MEA-WMOR	COMMENT	wafer alignment error tool is all set.					
11-08-13 08:32:26			J1666315/0	MEA-WMOR	JOBCOMP	thMSP TOOL ALARM: Stage Error	DOWN	ALARM	TOOL FAULT	ALARMING	SEE COMMENTS
11-08-13 08:32:27	UDTSPCHECK	0.03 hrs	J1666315/0		STATEHIS						
11-08-13 08:34:05	EQAVAIL ####	9.43 hrs			STATEHIS						
11-08-13 12:06:13				GILMANDA	TOOLBOX	Critical: KV01 is no longer critical for mfg					
11-08-13 18:00:00	EQAVAIL ####	6.92 hrs			STATEHIS						
11-09-13 00:55:24	SDT-LOT	0.09 hrs			STATEHIS						
11-09-13 01:01:01	EQAVAIL ####	3.01 hrs			STATEHIS						
11-09-13 04:01:25	SDT-LOT	0.33 hrs			STATEHIS						
11-09-13 04:21:08	EQAVAIL ####	1.65 hrs			STATEHIS						
11-09-13 06:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
11-09-13 18:00:00	EQAVAIL ####	1.02 hrs			STATEHIS						
11-09-13 19:01:12			R1408868	UNKNOWN	COMMENT	tool stopped processing.					
11-09-13 19:01:12	UDOWN	1.04 hrs	R1408868		STATEHIS						
11-09-13 20:03:37			J1667172/0	AJDYE	JOBSTART	tool stopped processing.	DOWN	OTHER	1FDC EQUIPMENT	OTHER	
11-09-13 20:03:37	UMAINT	0.69 hrs	J1667172/0		STATEHIS						
11-09-13 20:44:52			J1667172/0	AJDYE	COMMENT	Software locked up. Foupp 82315 on tool but not docked. Tool visual inspected and empty. MFM kept locking up during init. so I did a power cycle per maint. procedure. Tool clear back to mfg.					
11-09-13 20:44:56			J1667172/0	AJDYE	JOBCOMP	tool stopped processing.	DOWN	OTHER	1FDC EQUIPMENT	OTHER	
11-09-13 20:44:57	UDTSPCHECK	0.05 hrs	J1667172/0		STATEHIS						
11-09-13 20:48:11	EQAVAIL ####	9.20 hrs			STATEHIS						
11-10-13 06:00:00	EQAVAIL ####	1.23 hrs			STATEHIS						
11-10-13 07:13:38	SDT-LOT	0.10 hrs			STATEHIS						
11-10-13 07:19:34	EQAVAIL ####	10.67 hrs			STATEHIS						
11-10-13 18:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
11-11-13 06:00:00	EQAVAIL ####	3.32 hrs			STATEHIS						
11-11-13 09:19:26	SDT-LOT	0.28 hrs			STATEHIS						
11-11-13 09:35:56	EQAVAIL ####	8.40 hrs			STATEHIS						
11-11-13 18:00:00	EQAVAIL ####	12.00 hrs			STATEHIS						
11-12-13 06:00:00	EQAVAIL ####	4.79 hrs			STATEHIS						
11-12-13 10:47:22	SDT-LOT	0.28 hrs			STATEHIS						
11-12-13 11:04:20	EQAVAIL ####	4.98 hrs			STATEHIS						
11-12-13 16:03:25	SDTRELEASE	0.00 hrs			STATEHIS						
11-12-13 16:03:35			J1668628/0	MCNEIL	JOBSTART	Moving tool to cold idle	PM	PM	NON-EQ PROBLEM	OTHER	
11-12-13 16:03:35	PM	0.02 hrs	J1668628/0		STATEHIS						
11-12-13 16:04:09			J1668628/0	MCNEIL	COMMENT	Moving to cold idle					
11-12-13 16:04:37			J1668628/0	MCNEIL	JOBCOMP	Moving tool to cold idle	PM	PM	NON-EQ PROBLEM	OTHER	
11-12-13 16:04:37	PMTEST	0.48 hrs	J1668628/1		STATEHIS						
11-12-13 16:33:34	IDLE-COLD	1.44 hrs			STATEHIS						
11-12-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-13-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-13-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-14-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-14-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-15-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-15-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-16-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-16-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-17-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-17-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-18-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-18-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-19-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						

Timestamp	State	Hours	Reference	Originator	Log Type	Job Title / Comment	Action Type	Symptom	Major Code	Detail Code	Action Code
11-19-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-20-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-20-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-21-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-21-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-22-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-22-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-23-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-23-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-24-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-24-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-25-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-25-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-26-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-26-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-27-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-27-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-28-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-28-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-29-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-29-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-30-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
11-30-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
12-01-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
12-01-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
12-02-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
12-02-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
12-03-13 06:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
12-03-13 18:00:00	IDLE-COLD	12.00 hrs			STATEHIS						
12-04-13 06:00:00	IDLE-COLD	3.44 hrs			STATEHIS						
12-04-13 09:26:28			P0389988/0	MEA-WMOR	JOBSTART	Monthly PM for Rigaku WX-300	PM	PM	PM	PM	PERFORMED PM
12-04-13 09:26:28	IDLE-COLD	8.56 hrs	P0389988/0		STATEHIS						
12-04-13 09:26:31			P0389988/0	MEA-WMOR	CHECKLIST	1: Completed / Req. - Heat Exchanger: Check the coolant level.					
12-04-13 09:26:32			P0389988/0	MEA-WMOR	CHECKLIST	2: Completed / Req. - Recipe File Backup					
12-04-13 09:37:26			P0389988/0	MEA-WMOR	COMMENT	Monthly PM for Rigaku WX-300 PM Complete					
12-04-13 09:38:41			P0389988/0	MEA-WMOR	COMMENT	Cannot Sign Off on it. Will not allow me to click pass					
12-04-13 12:58:31			P0389988/0	FRYLING	COMMENT	Monthly PM for Rigaku WX-300 Completed					
12-04-13 12:58:46			P0389988/0	MEA-WMOR	JOBCOMP	Monthly PM for Rigaku WX-300	PM	PM	PM	PM	PERFORMED PM
12-04-13 18:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-05-13 06:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-05-13 18:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-06-13 06:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-06-13 18:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-07-13 06:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-07-13 18:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-08-13 06:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-08-13 18:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-09-13 06:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-09-13 18:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-10-13 06:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-10-13 18:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-11-13 06:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-11-13 18:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-12-13 06:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-12-13 18:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-13-13 06:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-13-13 18:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-14-13 06:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-14-13 18:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-15-13 06:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-15-13 18:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-16-13 06:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-16-13 18:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-17-13 06:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-17-13 18:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-18-13 06:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						

Timestamp	State	Hours	Reference	Originator	Log Type	Job Title / Comment	Action Type	Symptom	Major Code	Detail Code	Action Code
12-18-13 18:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-19-13 06:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-19-13 18:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-20-13 06:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-20-13 18:00:00	IDLE-COLD	12.00 hrs	P0389988/0		STATEHIS						
12-21-13 06:00:00	IDLE-COLD	10.84 hrs	P0389988/0		STATEHIS						
12-21-13 16:50:25			P0394149/0	GILMANDA	JOBSTART	IBM Semi Annual MEV Certification (FM Qual)	PMIBM	PM	PM	PM	PERFORMED PM
12-21-13 16:50:26	IDLE-COLD	1.16 hrs	P0394149/0		STATEHIS						
12-21-13 16:50:28			P0394149/0	GILMANDA	CHECKLIST	1: Completed / Req. - Complete Air Velocity Test (Annual requirement only) If current date is before July 1					
12-21-13 16:50:29			P0394149/0	GILMANDA	CHECKLIST	2: Completed / Req. - Complete IBM MEV Recertification document and save/upload to MEV Database					
12-21-13 16:50:45			P0394149/0	GILMANDA	COMMENT	IBM Semi Annual MEV Certification (FM Qual) DONE					
12-21-13 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
12-22-13 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
12-22-13 17:07:15			P0394149/0	MCGRATHK	COMMENT	IBM Semi Annual MEV Certification (FM Qual) not done. tool is in cold idle					
12-22-13 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
12-23-13 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
12-23-13 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
12-24-13 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
12-24-13 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
12-25-13 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
12-25-13 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
12-26-13 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
12-26-13 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
12-27-13 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
12-27-13 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
12-28-13 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
12-28-13 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
12-29-13 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
12-29-13 13:29:13			P0394149/0	FRYLING	COMMENT	IBM Semi Annual MEV Certification (FM Qual) Completed and passed. Diff pressure at .0173					
12-29-13 13:30:56			P0394149/0	FRYLING	COMMENT	ok					
12-29-13 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
12-30-13 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
12-30-13 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
12-31-13 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
12-31-13 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-01-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-01-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-02-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-02-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-03-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-03-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-04-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-04-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-05-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-05-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-06-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-06-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-07-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-07-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-08-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-08-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-09-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-09-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-10-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-10-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-11-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-11-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-12-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-12-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-13-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-13-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-14-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-14-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-15-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-15-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
01-16-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						

Timestamp	State	Hours	Reference	Originator	Log Type	Job Title / Comment	Action Type	Symptom	Major Code	Detail Code	Action Code
08-11-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-12-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-12-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-13-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-13-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-14-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-14-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-15-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-15-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-16-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-16-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-17-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-17-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-18-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-18-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-19-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-19-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-20-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-20-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-21-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-21-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-22-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-22-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-23-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-23-14 18:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-24-14 06:00:00	IDLE-COLD	12.00 hrs	P0394149/0		STATEHIS						
08-24-14 18:00:00	IDLE-COLD	12.00+ hrs	P0394149/0		STATEHIS						