

From:
Sent: Thursday, August 28, 2003 3:13 AM
To:

Subject: Lead Finish and Ball Attach Trends for WW35 on A/B shifts

Lead Finish and Ball Attach Trends for WW35:

Build:

8.78

Priorities:

ALL 20 series parts.

OEE: 5% downtime goal

8/24 7am- 8/28 12:00am	OEE %	PE %	UNSCHEDULED %	SCHEDULED %	ENG %	STAND BY %	PRODUCTIVE %
MEDF-02	55.23	75.84	2.02	1.01	0	29.35	67.62
MEDF-04	33.45	53.88	3.32	3.50	0	39.90	53.27
MEDP-51	75.80	84.12	6.15	0.91	0	5.55	87.39
MEPT-02	35.84	83.98	1.01	6.60	0	51.93	40.46
MEPT-03	36.31	66.24	0.60	2.65	0	44.41	52.35
MEPT-05	18.59	67.77	2.08	2.08	0	71.86	23.98
Averages	42.54	71.97	2.53	2.79	0	40.5	54.18

General Trends, Lead Finish:

- PWC will be here on Thursday (8/28) to audit Assembly.
- MEDP-14 still doesn't log correctly or reflect proper OEE data. However, there are some problems to report. Throughout the week, we've experienced problems with vision errors on both ends of the system, and we've seen a great deal of product kicked out on the unload unit. The vision system seems to be temperamental from lot to lot

(depending on the compound coloring). Ming worked a great deal on the system throughout the week, and will continue to do so. It's also been requested that our 50L TSOP product be held until Thursday morning so that they can get it set up on the system.

Ball Attach:

Priorities:

T16A 8x14 FBGA (x4)
 Y16A VFBGA
 Y16Y FBGA
 U26A's
 W56A FBGA

OEE: 20% downtime goal

8/24 7:00- 8/28 12:00a	UNSCHEDULED	STANDBY	SCHEDULED	ENG	PRODUCTIVE	Total %
Moto-01	0	89.93	2.13	0	7.94	100
Moto-02	0	35.78	4.46	55.40	4.36	100
Moto-03	1.97	36.70	.98	38.18	22.17	100
Moto-04	0	82.29	5.28	0	12.43	100
Moto-05	15.93	3.56	8.22	0.26	72.03	100
STI001	1.87	28.46	4.37	34.04	31.26	100
STI002	8.39	33.68	11.42	0	46.51	100
Averages	4.02	44.20	5.27	18.27	28.10	100

Trends, Ball Attach:

- Moto-03 is released for production to run. See the E-mail below from Ron giving more information. Also, we had a CDA cabinet moved from Bldg. 16 to Bldg. 26. However, air and electrical service has not yet been turned on. So, we're still waiting for them to complete installation before storing product in it. Currently, we're using a CDA cabinet located in Singulation (behind ISAW-01) for product storage.



Moto-03 status:

- The new Ball Attach phone extension now available in Bldg. 26: 67001.
- The PPE cabinet (holds the gloves, booties, and so forth) was moved from Bldg. 16 to Bldg. 26, and placed next to the Motos. This leaves us temporarily without a cabinet. So, a smaller one has was set up for the short term until the moves are complete.
- This week, we had an incident with some Y25L lots and discolored solder balls (PB free). While processing at Singulation, we noted that probably 60-75% of the balls had a yellow tint to them. This yellow tint is the result of the copper used in the ball composition. Engineering gave the OK to send these lots to the next step in the future (as it shouldn't affect solderability and is only a cosmetic issue).
- STI001 was moved upstairs, but it is not yet operational. We don't have a current ETA on when it will be ready.
- One Despatch oven is in place in Bldg. 26 and should be set to run on Thursday 8/28.
- Currently, the 303 flux runs on Moto4, and the 308 is still processing on Moto5. The 308 still seems to be causing flux bridging on the T16A product.

Thanks,
A/B shifts