

AOI Monthly report

Pierre Baudin

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Product Quality Assurance

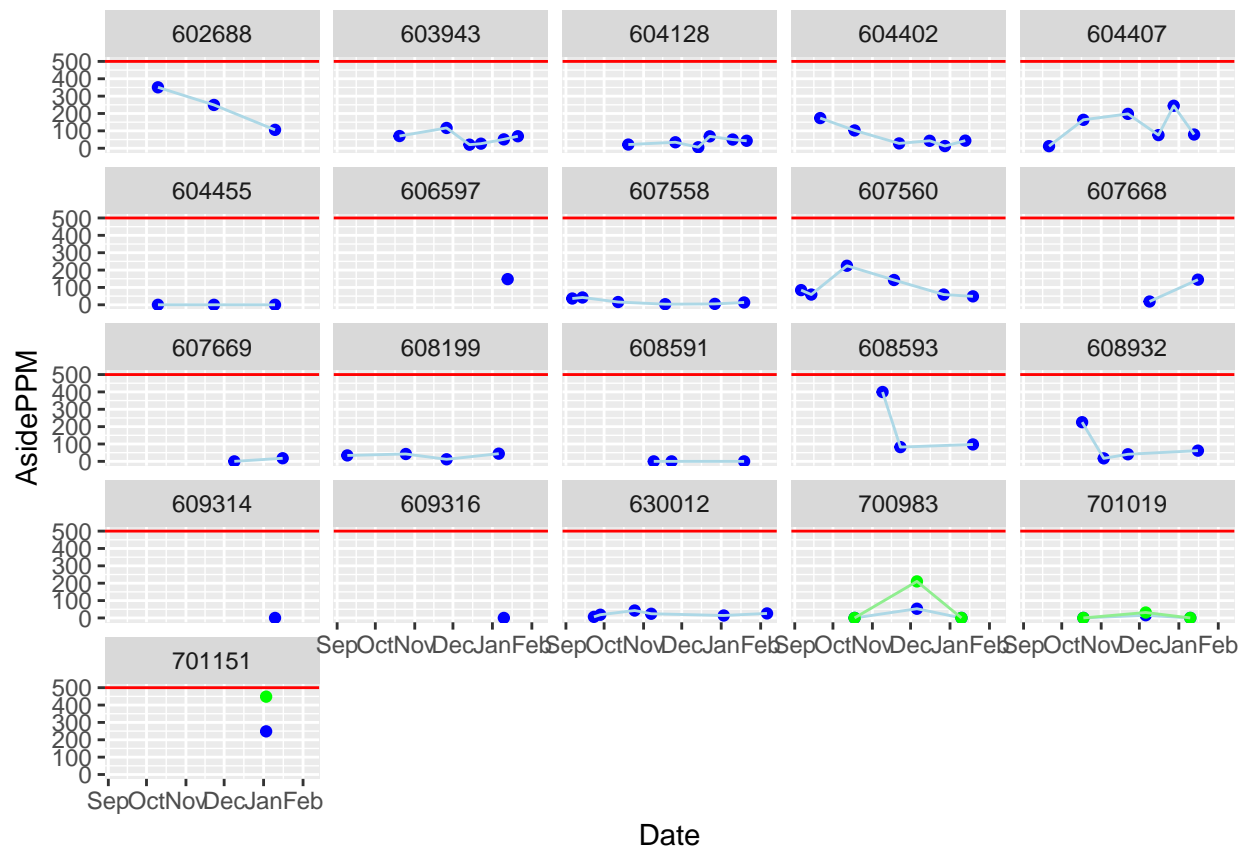
AOI defect rate KPI for Feb-2017

For the month of Feb-2017, the AOI defect rate is 59.99 PPM.

Below is a summary of the data collected during Feb-2017:

##	MONumber	PartNumber	PartName
##	4000378: 1	603943 : 2	GEN III SMD Glue Side B : 1
##	4000379: 1	604128 : 2	GEN III SMD Populated Side A : 1
##	4000381: 1	602688 : 1	SMD Glue Side A (USB Primary PCB) : 1
##	4000382: 1	604402 : 1	SMD Glue Side A (USB Secondary PCB) : 1
##	4000390: 1	604407 : 1	SMD Glue Side B (GEN III) : 1
##	4000395: 1	604455 : 1	SMD Reflow Side A (AT9012 3000K LED Board): 1
##	(Other):17	(Other):15	(Other) :17
##	Quantity	Average	
##	Min. : 100	Min. : 0.000	
##	1st Qu.: 1020	1st Qu.: 6.655	
##	Median : 2100	Median : 44.330	
##	Mean : 3918	Mean : 59.985	
##	3rd Qu.: 4250	3rd Qu.: 73.975	
##	Max. : 16020	Max. : 348.505	
##			

The following plot display the trend for each part number that have been processed in the SMT room and inspected using the AOI machine.



Annex

To help with clarity, the following table list all the unique part numbers and part names with their respective MO quantity that have been produced during R MAOI:

##	PartNumber
## 1	630012
## 2	701151
## 3	608199
## 4	604455
## 5	602688
## 6	609314
## 7	609316
## 8	604128
## 9	603943
## 10	700983
## 11	701019
## 12	604402
## 13	604407
## 14	606597
## 15	608932
## 16	607669
## 17	607668
## 18	607558
## 19	607560

## 20	608591	
## 21	608593	
## 22	604128	
## 23	603943	
##		PartName
## 1		SMD Reflow Side A (AT9012 3000K LED Board)
## 2		SMD Reflow Side B (DCDALMRM2 V1P0)
## 3		SMD Reflow Side A (EV-LEDFIRE-LITE)
## 4		SMD Reflow Side B (LED Fire III Dish LED)
## 5		SMD Reflow Side A (LED Fire III Dish LED)
## 6		SMD Reflow Side B (Gen3 Semi Pro)
## 7		SMD Reflow Side A (Gen3 Semi Pro)
## 8		GEN III SMD Glue Side B
## 9		GEN III SMD Populated Side A
## 10		SMD Reflow Side A (DCDALCIP250-2 Bottom Board)
## 11		SMD Reflow Side A (DCDALCIP250-2 Top Board)
## 12		SMD Glue Side A (USB Primary PCB)
## 13		SMD Glue Side A (USB Secondary PCB)
## 14		SMD Reflow Side A (EV-PEARL-PRO-IP65-EM-WP LED Board)
## 15		SMD Reflow Side A (AT9012TRI 3000K/6000K LED Board)
## 16	SMD Reflow Side A (Ledfire Boost Full Feature (53-81-114-142)mA)	
## 17	SMD Reflow Side B (Ledfire Boost Full Feature (53-81-114-142)mA)	
## 18		SMD Reflow Side B (EV-LEDFIRE3-BAS)
## 19		SMD Reflow Side A (EV-LEDFIRE3-BAS)
## 20		SMD Reflow Side B (Ledfire III Dish LED PCB)
## 21		SMD Reflow Side A (Ledfire III Dish LED PCB)
## 22		SMD Glue Side B (GEN III)
## 23		SMD Reflow Side A (GEN III)
##	Quantity	
## 1	16020	
## 2	315	
## 3	5001	
## 4	2100	
## 5	2100	
## 6	100	
## 7	100	
## 8	3000	
## 9	3000	
## 10	620	
## 11	620	
## 12	1430	
## 13	2814	
## 14	310	
## 15	1420	
## 16	4500	
## 17	4500	
## 18	15060	
## 19	15060	
## 20	4000	
## 21	4000	
## 22	2025	
## 23	2025	