

ภาคผนวก

ภาคผนวก ก

1. แสดงผลการทดสอบสมมุติฐานปริมาณฝุ่นที่สะสมอยู่ในเครื่องจักรมีผลต่อปัญหา Dirty Robot

One-Sample T: Latch assy

Test of mu = 75 vs > 75

Variable	N	Mean	StDev	SE Mean	95% Lower Bound	T	P
Latch assy	60	188.93	70.14	9.06	173.80	12.58	0.000

One-Sample T: Media temp 2

Test of mu = 75 vs > 75

Variable	N	Mean	StDev	SE Mean	95% Lower Bound	T	P
Media temp 2	60	221.20	72.71	9.39	205.51	15.58	0.000

One-Sample T: HSA Combine Process

Test of mu = 75 vs > 75

Variable	N	Mean	StDev	SE Mean	95% Lower Bound	T	P
HSA Combine Process	60	266.70	71.81	9.27	251.21	20.68	0.000

2. แสดงผลการทดสอบสมมุติฐานปริมาณฝุ่นที่สะสมอยู่ในเครื่องจักรมีผลต่อปัญหา Dirty Robot

Two-Sample T-Test and CI: Before Clean, After Clean

Two-sample T for Before Clean vs After Clean

	N	Mean	StDev	SE Mean
Before Clean	30	190.5	50.4	9.2
After Clean	30	53.1	25.9	4.7

Difference = mu (Before Clean) - mu (After Clean)

Estimate for difference: 137.4

95% CI for difference: (116.5, 158.2)

T-Test of difference = 0 (vs not =): T-Value = 13.28 P-Value = 0.000 DF = 43

4. แสดงผลการแจ้งเตือนในแต่ละสายการผลิตหลังการทำการแก้ไขปัญหาเดือนมกราคม 2553

	Jan 04	Jan 05	Jan 06	Jan 07	Jan 08	Jan 09	Jan 10	Jan 11	Jan 12	Jan 13	Jan 14	Jan 15	Jan 16	Jan 17	Jan 18	Jan 19	Jan 20	Jan 21	Jan 22	Jan 23	Jan 24	Jan 25	Jan 26	Jan 27	Jan 28	Jan 29	Jan 30	Jan 31	
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