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APPENDIX

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Data of percent nonconforming from one electrical tester. 15 shifts of operation. Each point represent percent reject in 1 hour of operation.

Day	Shift	Hour	Percent Reject
1	1	1	0.19
		2	0.13
		3	0.23
		4	0.1
		5	0.22
		6	0.04
		7	0.2
		8	0.16
	2	1	0.08
		2	0.41
		3	0.26
		4	0.26
		5	0.28
		6	0.21
		7	0.3
		8	0.25
	3	1	0.37
		2	0.2
		3	0.23
		4	0.14
		5	0.12
		6	0.2
		7	0.12
		8	0.23

Day	Shift	Hour	Percent Reject
2	1	1	0.07
		2	0.09
		3	0.15
		4	0.13
		5	0.1
		6	0.13
		7	0.08
		8	0.18
	2	1	0.23
		2	0.3
		3	0.1
		4	0.19
		5	0.03
		6	0.14
		7	0.17
		8	0.12
	3	1	0.14
		2	0.11
		3	0.18
		4	0.14
		5	0.15
		6	0.14
		7	0.09
		8	0.13

Day	Shift	Hour	Percent Reject
3	1	1	0.11
		2	0.28
		3	0.21
		4	0.07
		5	0.18
		6	0.24
		7	0.2
		8	0.06
	2	1	0.17
		2	0.13
		3	0.2
		4	0.27
		5	0.17
		6	0.13
		7	0.16
		8	0.16
	3	1	0.27
		2	0.24
		3	0.2
		4	0.2
		5	0.26
		6	0.21
		7	0.17
		8	0.24

Day	Shift	Hour	Percent Reject
4	1	1	0.14
		2	0.15
		3	0.15
		4	0.38
		5	0.4
		6	0.3
		7	0.21
		8	0.15
	2	1	0.27
		2	0.28
		3	0.23
		4	0.18
		5	0.29
		6	0.23
		7	0.17
		8	0.24
	3	1	0.24
		2	0.1
		3	0.24
		4	0.1
		5	0.24
		6	0.24
		7	0.2
		8	0.23

Day	Shift	Hour	Percent Reject
5	1	1	0.18
		2	0.22
		3	0.18
		4	0.24
		5	0.19
		6	0.19
		7	0.18
		8	0.21
	2	1	0.21
		2	0.19
		3	0.19
		4	0.23
		5	0.22
		6	0.16
		7	0.21
		8	0.25
	3	1	0.19
		2	0.27
		3	0.19
		4	0.29
		5	0.43
		6	0.34
		7	0.27
		8	0.16

BIOGRAPHY

Mr. Chuthin Thanasarnaksorn was born in July 13th, 1976 in Bangkok, Thailand. he was graduated from The department of Metallurgical Engineering, Faculty of Engineering of Chulalongkorn University with a Bachelor of Engineering degree.

