

Project data link

- ① Devices Authentication.
- ② Design Working Screen.
- ③ Work Flow.
- ④ Table / Database Structure.
- ⑤ Project Schedule / Phase

Project overall schedule / phase.

x ① Main System. — menu/table/comp.

x ② Movement — ~~field~~ Efficiency.

③ QC MNT — Control Sheet.

④ Movement — Yield.

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Device Authentication

~~① No login page/screen needed~~

② Start URL

→ Login.

~~③ Server check MAC of device.~~

~~- if MAC matching with
registered → PASS~~

~~- if MAC not matching with
registered → Reject.~~

→ MAC to be Register in 2 places.

① Registered to Firewall. Firewall to
check and grant device.

② Registered to DB of the system.
check & grant device → allow Login.

SCREEN 1 First screen;

when first view from server; Display this screen

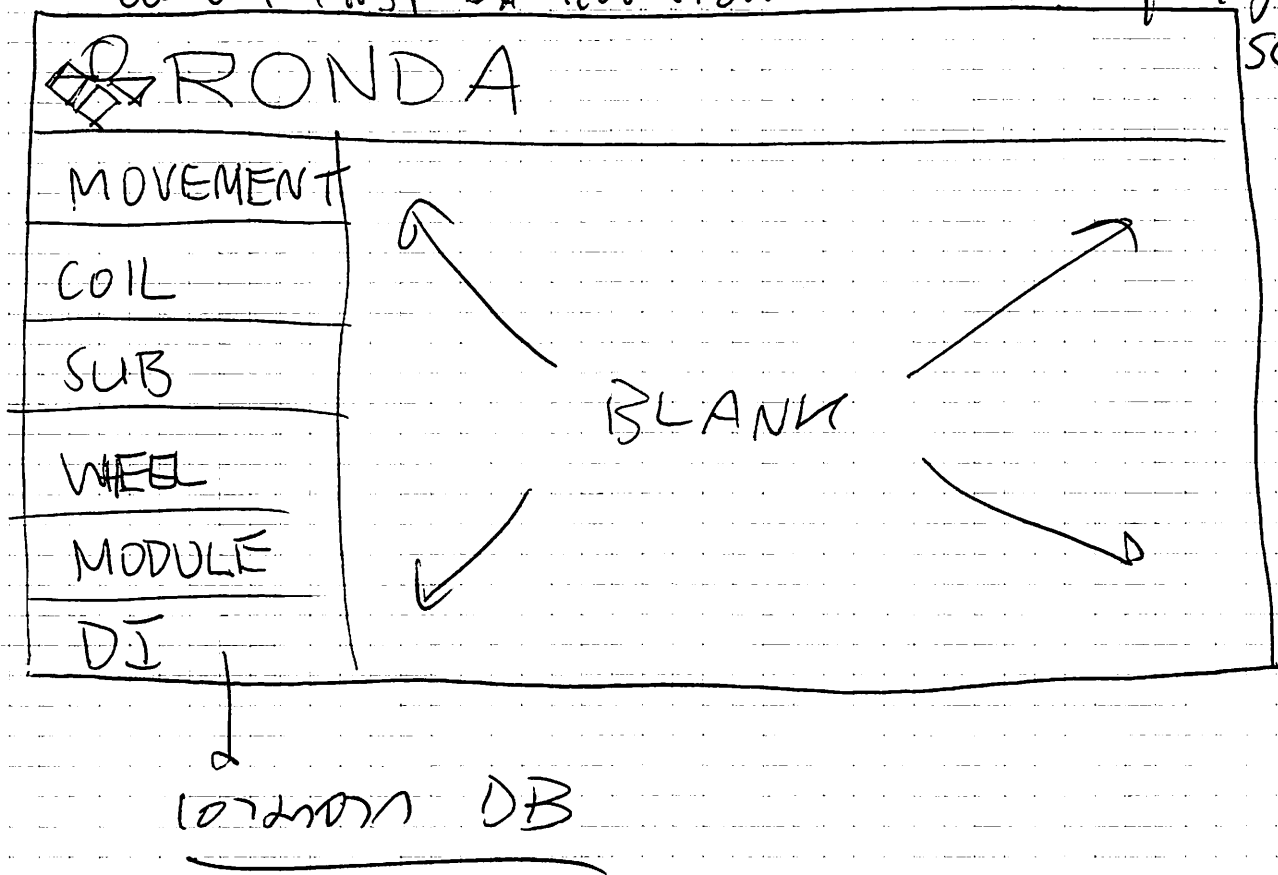


TABLE 2 RTH_Section NAME

(need Entry Screen)

செயல்பாடு

① id

② Section _ (c (4)

③ Section _ name (30)

④ Sys created

⑤ Sys creator

⑥ Sys Modified

⑦ Sys Modifier

Version 2.0 Section

6

→ Each section has their own Function. Other Section NOT able to access.

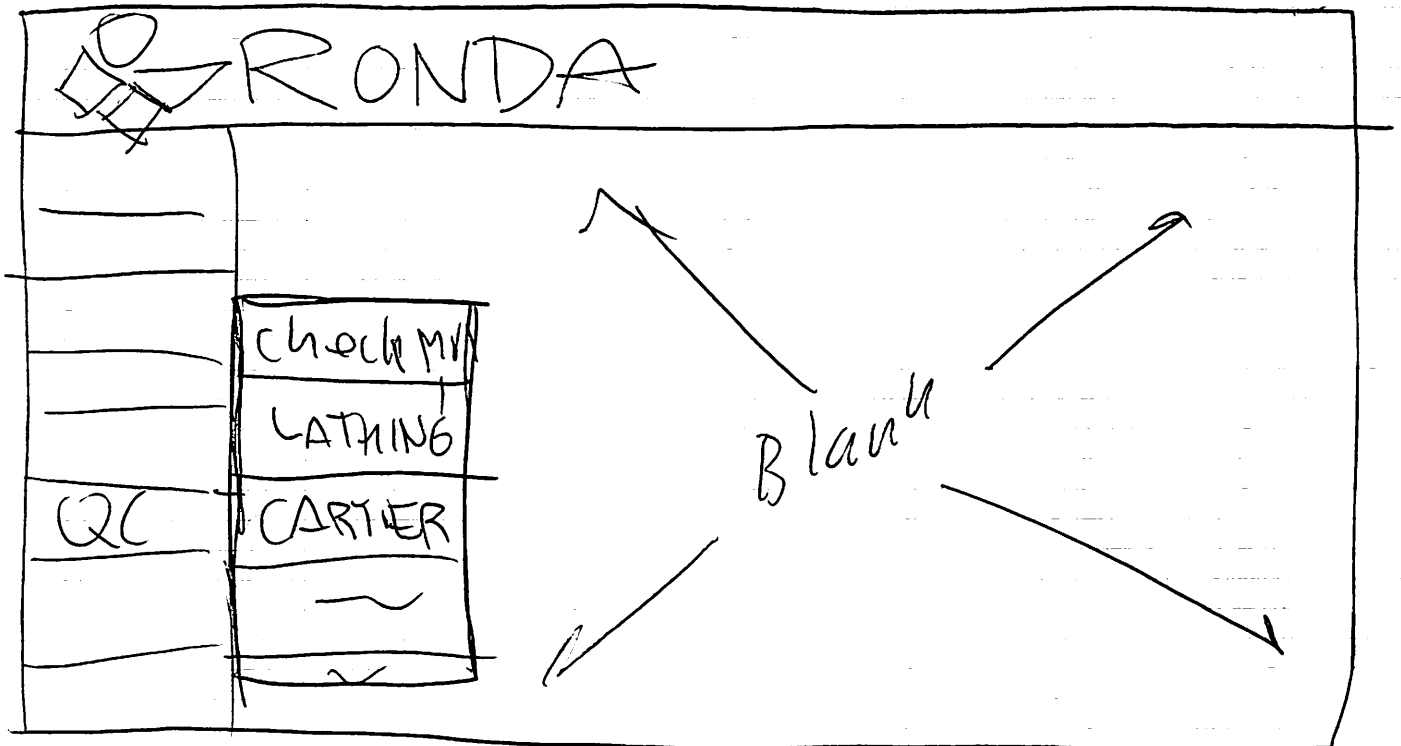
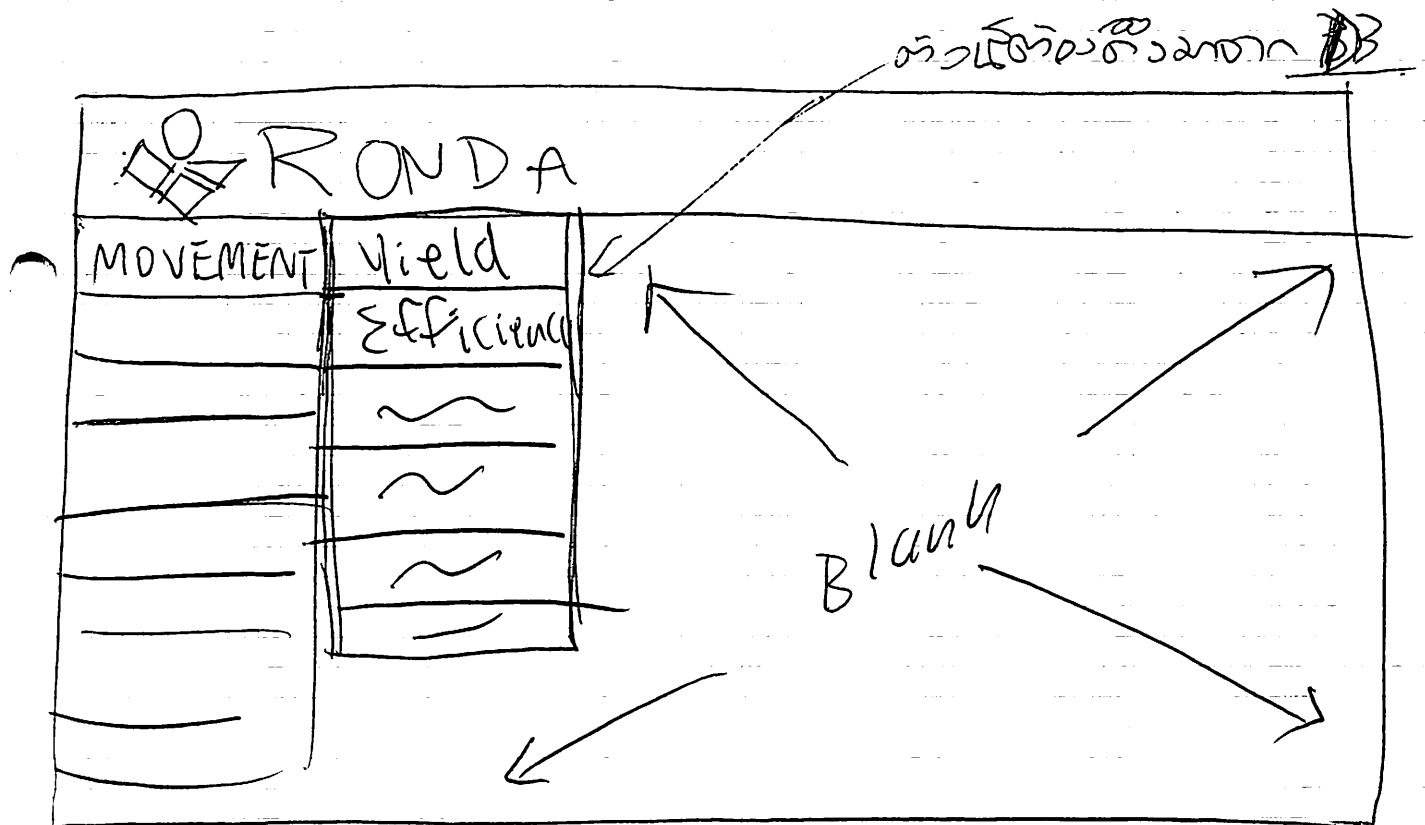


TABLE 3: RTH Section Function.

- ① id
- ② Section_CC ↖ 13A in Device MAC 12B
↘ 1300000 ↘ 1075 1500000
- ③ ~~Section~~ Function_Seq
- ④ Function_Name
- ⑤ Function_??? 1075 1500000 Program Page.

- ⑥ SysCreated
- ⑦ SysCreator
- ⑧ SysModified
- ⑨ SysModifier.

(used Entry Screen).

↘ 1075 1500000

TABLE 4

RTM Daily output Header. (General productivity)

① id \leftarrow Section-CC

② Line-no

③ Leader-name

④ Line-type \leftarrow shift n=A/B

\rightarrow ⑤ Report-date

NOTE

Table 150 = 2 Long Field nos
1101 = 2 Record nos.
1007 = 1 Header = 1 record
including. among Detailed
Record and Bill of operation.

⑥ Syscreated

⑦ Syscreator

⑧ Sys Modified

⑨ Sys Modifier

same table.

⑩ no-Monthly-empls ⑩

⑪ no-Daily-empls ⑩

⑫ ttl-Monthly-Hrs [⑩ \times 8]

⑬ ttl-Daily-Hrs [⑪ \times 8]

⑭ OT-10

⑮ OT-15

⑯ OT-20

⑰ OT-30

⑱ Lasttime-VAC

⑲ Lasttime-Sick

⑳ Lasttime-ABS

㉑ Lasttime-MAT

㉒ Lasttime-OTH.

User
run

- 23 Downtime_MC
- 24 Downtime_MAT
- 25 Downtime_FAC
- 26 SORT_Local
- 27 SORT_Oversea
- 28 Rework_Local
- 29 Rework_Oversea.

User
anon

19x field Downtime-Other

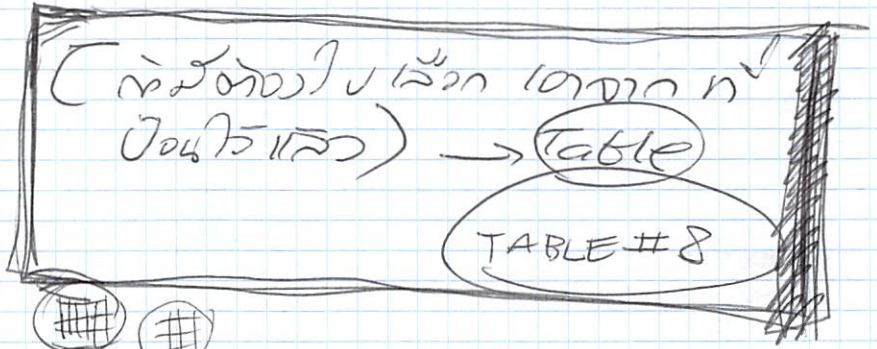
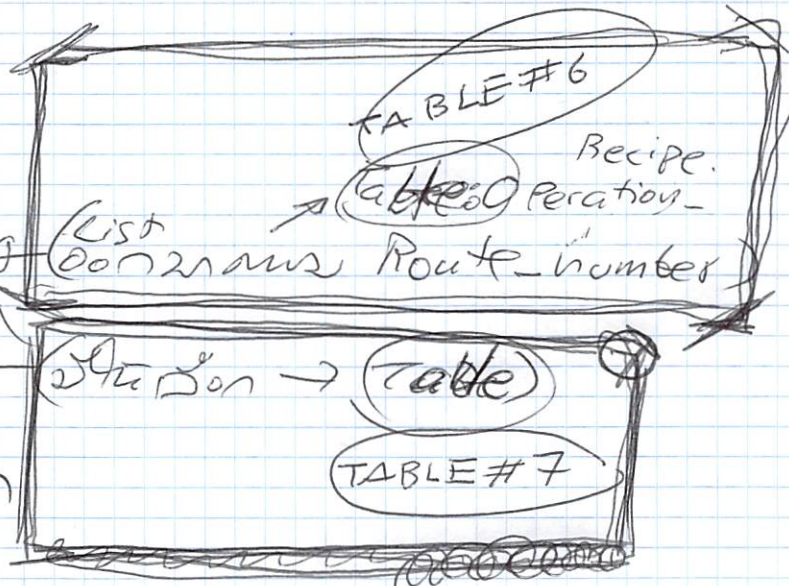
29.1
30 Report_ID ← Report Link กับงานใน Detail.

31 Operation_Route → 545 & 12405? VOS
Operative_BOM ~~can~~ conan
1205050824.

TABLE #5 : ထုတ်ပေးသော အသေးစိတ်
RTM-Daily Output Detail

transaction
table

- ① id
- ② Report_ID
- ③ Operation_Route
- ④ Operation_Name & (List of operations Route number)
- ⑤ Caliber_code & (ရွေးချယ်မှု -> Table)
- ⑥ Total_Good (အကျိုးရှိ)
- ⑦ Total_Reject (အပျက်)
- ⑧ Remark



- Product_EFF
- ⑨ ~~Product_EFF~~
- ⑩ TTL_EFF

- TB #9 -> ⑪ Standard time
- ⑫ OUTPUT *
- ⑬ Required HRS = ⑪ x ⑫

Table သို့မဟုတ် field များကို
အသေးစိတ် Record သတ်မှတ်
Header များကို အသေးစိတ်
Record များကို table သို့မဟုတ်
Bill of Operations
သတ်မှတ် Products.

- (x) Syscreated
- (xx) Syscreator
- (y) SysModified
- (yy) SysModifier

အသေးစိတ် အသေးစိတ် အသေးစိတ်

ADMIN TABLE #6 & RTH - Operation Recipe

(11)

- ① id _____?
- ② Operation Route - ID _____?
- ③ Operation Route - Name _____?
- ④ ~~Operation Route - ID~~ _____?
- ⑤ Operation Name _____
- ⑥ Section - CC x
 1075 Link to Cost center
 1075 Program (1075) = Route
 1075 Section - CC (5)
- ⑦ _____

- ⊗ Syscreated
- ⊗ Syscreator
- ⊗ Sysmodified
- ⊗ Sysmodifier

ADMIN TABLE #7 & RTH - Caliber Code




- ① id
- ② Caliber Code (1075 Link)
- ③ Caliber Name
- ④ Description
- ⑤ Family
- ⑥ Syscreated
- ⑦ syscreator
- ⑧ Sysmodified
- ⑨ Sys modifier

Table 21075
 Sun 800000 Caliber
 1075 Report.

ADMIN


TABLE #8: RTH_General Remark

(12)

- ① id
- ② section_cc  107505 } 10 Link
- ② Remark_Category  112=0005 } 10 Link
- ③ Remark_Description  107505
- ④ syscreated
- ⑤ syscreator
- ⑥ sysmodified
- 7 sys modifier.

ADMIN

TABLE #9: RTH_STANDARDTIME

- ① id
- ② section_cc
- ③ ~~Remark_Category~~  107505 TABLE #7
caliber code
- ④ STANDARD_HRS (std hrs)
- ⑤ Remark



x sys created
xx sys creator
x sys modified
xy sys modifier.

REPORT

Report hodo ms g 2 orthu'ny.

(I) Waly Report, 1

(II) GRAPH

Plot ms g Daily

Product EFF =

$$= (13) + 14 + 15 + 16 - \cancel{\$}((18) - 27.5)$$

RONDA	MOVEMENT ASSEMBLY	Form no. FO_11_001
	Daily output report	Revision date 09.09.02

Location: 222 / 224 / 225

Line No. 101 Leader VNH ☒ DI ☐ NDI Date 26/01/16

1. Manpower		Normal Hrs.	OT			Lost time					Down time			Sort		Rework	
Monthly Prs	Daily Prs		1.0	1.5	2.0	Vac	Sick	Abs	Mat	Oth	M/C	Mat'l	Fac	Loc	Ove	Loc	Ove
2	32	16		D	E	F											

Remark

2. Out put AWH = OP 100% check 100%.

OP.	Good					Rejected			Remark
	Cal. 100%	Cal. 210%	Cal.	Cal.	Cal. 100%	Cal. 210%	Cal.	Cal.	
Motor test # 1		1270				25			0.65
Electronic MVT test		1280				9			0.7
Calendar check # 1		1235				8			0.66
Calendar check # 2									
Hand & Pulse test		1235							
Final check	100	1235	A						
Motor test # 2	B								
Time keeping		1000							

3. Turn to 24-48 Hrs.

Cal. 7004 P. 0010 1 K. Cal. K. Cal. K. Cal. K

Cal. 2604 P. 0010 1 K. Cal. K. Cal. K. Cal. K

Product EFF. = 111.29 %

Total EFF. = 111.29 %

4. การสุ่มตรวจ

OP	ตรวจสอบครั้งที่ 1		ตรวจสอบครั้งที่ 2		ตรวจสอบครั้งที่ 3	
	จำนวน	ปัญหาที่พบ	จำนวน	ปัญหาที่พบ	จำนวน	ปัญหาที่พบ
C/B						
G/T						
Cal assy						
Hand/Final						

วิธีแก้ไขปัญหา

5. Material problem

Cal.	Part name	Part no.	Vendor	Fab.date	% Rej.	Qty	Problem

6. ปัญหาอื่น ๆ / การแก้ไข

RONDA

MOVEMENT ASSEMBLY

Form No.
FO_10_007

Weekly efficiency report

Revision Date:
19.10.99

Attn. : 345
CC : 333

From :
Date :
No. of pages :

222
23/01/2016
(including this one)

Location : Network (drive G/ MVT Report / FO 10 007 Weekly efficiency report)

WK.03 (15/01/2016 - 21/01/2016)

Caliber	Std. Time (Hrs/K)	Qty. Turn-in (K)	Std. Hrs Earned (Hrs)
1 751 SP	41.75	2.200	91.85
2 751 NE	31.31	0.000	0.00
3 751 PA	29.52	0.000	0.00
4 753 (Without battery)	46.02	0.000	0.00
5 753 SP	42.99	2.600	111.77
6 753 EL	46.45	0.000	0.00
7 753 ES	26.73	0.000	0.00
8 753 NE	32.03	0.000	0.00
9 753 PA	30.12	0.000	0.00
10 762 SP	42.67	18.200	776.59
11 762 PA	29.52	0.000	0.00
12 763 (Without battery)	40.05	0.000	0.00
13 763 SP	43.67	30.000	1310.10
14 763 ER	25.57	0.000	0.00
15 763 GA	23.96	0.000	0.00
16 763 PA	30.12	0.000	0.00
17 1032 (Without battery)	48.00	0.000	0.00
18 1032	50.48	1.000	50.48
19 1042	55.17	0.000	0.00
20 1062	48.84	7.000	341.88
21 1063	52.44	5.000	262.20
22 1064	53.10	11.500	610.65
23 1069	66.81	10.500	701.51
24 GE10	28.38	0.000	0.00
25 GE20	32.40	0.200	6.48
26 GE30	33.19	0.000	0.00
27 1069 NE	46.84	0.000	0.00
28 751.RE	4.76	0.000	0.00
29 753.RE	4.76	0.000	0.00
30 762.RE	25.93	0.000	0.00
31 763.RE	25.93	0.000	0.00
32 1042.RE	87.60	0.000	0.00
33 1062.RE	30.36	0.000	0.00
34 1064.RE	30.36	0.000	0.00
35 1069.RE	28.18	0.000	0.00
36 1032 PA	40.18	0.000	0.00
37 1062 PA	34.84	0.000	0.00
38 1063 PA	37.58	0.000	0.00
39 1064 PA	36.87	0.000	0.00
40 1069 PA	54.17	0.000	0.00
41 751 PM	21.10	2.000	42.20
42 753 PM	21.80	2.000	43.60
43 762 PM	21.10	26.000	548.60
44 762 PM.RE	25.93	0.000	0.00

Caliber Code.

Turn in 15.22.26.00

REPORT I

218 Z60.D CO	209.00	4.000	836.00	TTL	H/R
Total		237.500	13291.74	Hour Earn	
2. Wage Hours Analysis					
Wage hours	Normal 11,060.52	Overtime 2,121.85	Holidays 2,304.00	Leaves 883.08	Total wage hours 16,369.45
3. Idle Time Analysis					
Idle Time	Reasons / remarks				
Machine	2.48	} 247.00 } Sum from Header Table			
Facility	0.00				
Material	0.00				
Sort / local	5.00				
Sort / Overseas	0.00				
Rework/local	0.00				
Rework / Overseas	0.00				
Other	219.02				
Total	226.50				
4. Efficiency Calculation					
Total productive hrs.	12,955.87	✓	Hours	4.1	
Total hours.	13,182.37	✓	Hours	4.2	
Productive Efficiency	102.59		%	4.3	
Total Efficiency	100.83		%		

Remark

Prepared by:

Date:

4.1 = ~~Total wage hours~~

4.2 = Normal Hour + Overtime

4.1 = 4.2 - Total idle time

4.3 $\frac{\text{TTL Hour Earn}}{4.1} \%$

4.4 $\frac{\text{TTL Hour Earn}}{4.2} \%$

Don Mahad

MOVEMENT ASSEMBLY % YIELD & TOTAL EFFICIENCY

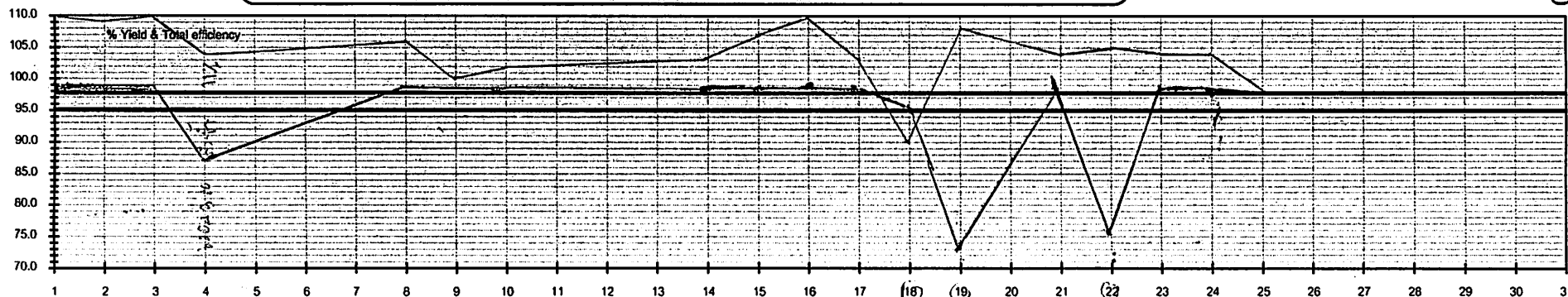
Line ...9... DEC-2015

Form no. : FO_11_028

Revision date : 07.01.00

GRAPH II

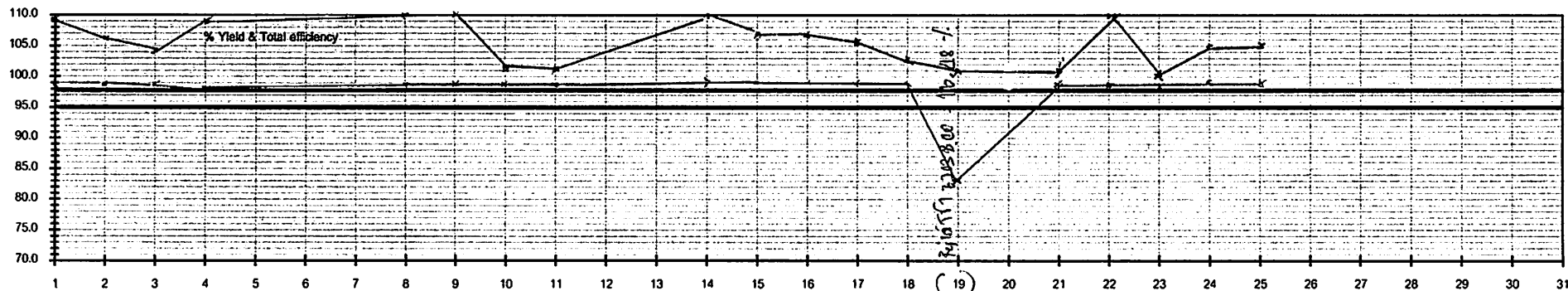
SHIFT A



Target
- Yield 99.2 % (NDI)
- Yield 97.8 % (DI)
- Total eff 95 %

Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Actual yield	92.70	92.77	92.86	92.77	H	H	H	95.2	95.75	93.92	H	H	H	98.51	95.58	98.23	98.51	95.40	97.15	H	95.06	95.53	95.06	95.53	95.53	H	H	H	H	H	
Target output	92.35	92.43	92.21	95.8	H	H	H	92.52	92.99	92.15	H	H	H	92.12	92.11	92.05	92.94	92.64	H	92.92	92.1	92.82	92.92	92.92	H	H	H	H	H	H	
Actual Output	2.6	2.7	2.5	2.02	H	H	H	2.7	2.7	2.2	H	H	H	2.2	2.38	2.3	2.2	2.0	H	2.98	2.93	2.93	2.93	2.93	H	H	H	H	H	H	
Product EFF.	110.42	108.24	112.49	104.85	H	H	H	105.02	100.02	102.32	H	H	H	109.53	102.36	105.51	102.01	102.08	H	109.28	108.43	108.51	108.51	108.51	H	H	H	H	H	H	
Total Efficiency	110.25	109.29	112.99	104.55	H	H	H	105.02	100.09	102.18	H	H	H	103.51	102.06	105.53	102.01	102.08	H	109.53	108.43	108.51	108.51	108.51	H	H	H	H	H	H	

SHIFT B



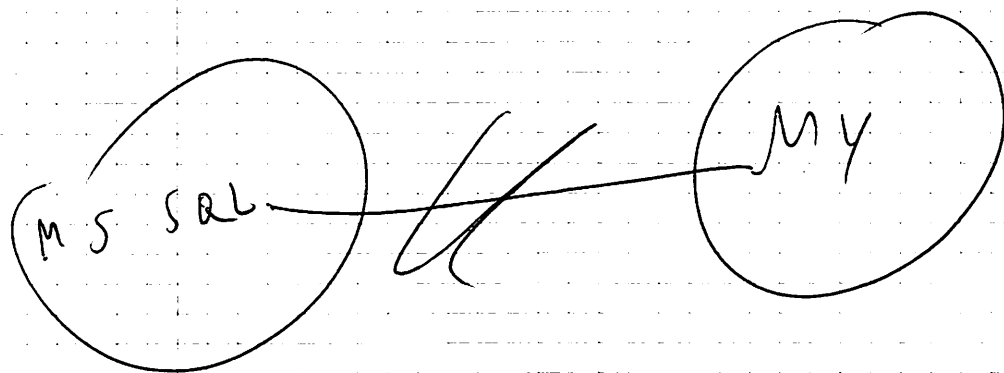
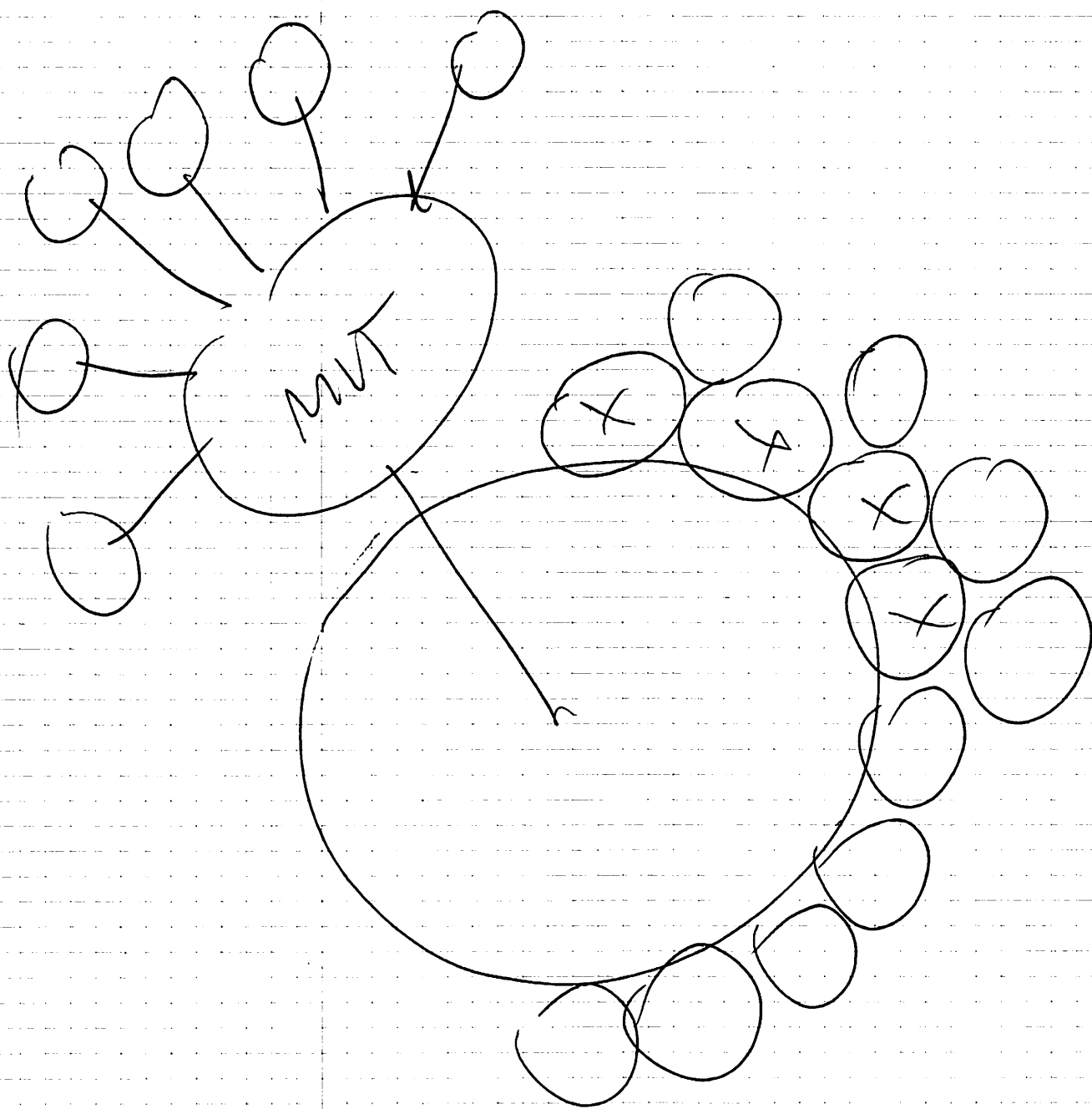
Target
- Yield 99.2 % (NDI)
- Yield 97.8 % (DI)
- Total eff 95 %

Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Actual yield	99.21	99.26	99.22	98.98				99.28	99.20	99.24	99.05			99.01	99.48	99.42	99.24	99.25	99.21		99.36	99.40	99.27	99.32	99.43						
Target output	2.36	2.02	1.91	1.98				2.08	2.01	2.23	1.45			1.77	2.6	2.08	2.16	1.92	0.38		1.53	0.73	2.38	2.05	2.01						
Actual Output	2.58	2.18	2.0	2.18				2.90	2.02	2.78	1.48			2.03	2.93	2.20	2.26	1.95	0.40		1.55	0.85	2.40	2.92	2.10						
Product EFF.	109.13	106.68	104.24	109.98				110.27	115.27	101.80	101.65			112.15	109.35	109.27	104.40	101.90	102.03		101.06	115.34	100.65	104.31	104.20						
Total Efficiency	109.13	106.68	104.24	109.98				110.21	115.27	101.80	101.65			112.15	109.35	109.27	104.40	101.90	102.03		101.06	115.34	100.65	104.31	104.20						

y = 98.24%

T = 105.51%

Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Product EFF.	109.13	106.68	104.24	109.98				110.27	115.27	101.80	101.65			112.15	109.35	109.27	104.40	101.90	102.03		101.06	115.34	100.65	104.31	104.20						
Total Efficiency	109.13	106.68	104.24	109.98				110.27	115.27	101.80	101.65			112.15	109.35	109.27	104.40	101.90	102.03		101.06	115.34	100.65	104.31	104.20						



① Quote ราคาหุ้น
(= charge number)


Jim 2/19/02

② ส่ง แอร์ 50 สัญญา

WU 08.

③ Jim sign สำเนา

WU 08

④ 

5 ม. 1 ต. โนนแดง อ. เมือง จ. ปราจีนบุรี 25000