

REGISTER FORM OF PROMOTION PROJECT

Name: Pham Thi Quyen

Nominated Position: Supervisor

Section/Group: Production

Theme:
CHANGE LINE CONCEPT & REDUCE INDIRECT JOB

I. CURRENT ISSUES: (BACKGROUND TO TAKE ACTIVITIES)

PBX- PSNV QUALITY SITUATION OVERVIEW [Apr.2020 ~ Oct.2020]

Items	Unit	Main KPI	Target / BP	Actual	Judge	Breakdown	Conclusion	Theme	
Quality	Case	Market claim	E-Quality	0	0		Achieved target	CHANGE LINE CONCEPT to "Ensure quality of product & reduce quality lost"	
			Offical claim	0	0				
			Information	1	1				
		OQC	Lot out	0	1				✗
			Information	15	6				☹️
Quality loss	USD	Rework cost	Factory	600	423		Quality loss top is In process		
			Part	6,000	3,564				☹️
		Efficiency lost	20,449	34,899	✗				
			Total	27,080	38,901				✗

QUALITY CONTROL INDIRECT JOB

Items	Category	Total HC	IPQC Q'ty	Indirect rate	Conclusion	Theme
1	PBX	146	9	6%	PBX is Top Indirect for Quality control	Review and improvement daily job for reduce Quality control indirect job : Before : 6% => After : 4%
2	DP	247	8	3%		
3	Dect	203	7	3%		
4	HDC	9	0	0%		
5	PJ	28	1	4%		
6	MW	35	1	3%		

1.ACTION & TARGET : ▶ENSURE QUALITY & REUDUCE COST

CORRECTIVE ACTION FOR CHANGE LINE CONCEPT & REDUCE QUALITY CONTROL INDIRECT JOB

No.1 : Missing part problem => New solution : Setup auto prepare part by machine

No.2 : Wrong part problem => New solution : Auto confirm parts & PCB by scan barcode , auto compare by software

No.3 : Wrong infromation of product problem => New Solution : Auto confirm and record sample value by checker

No.4 : Jump processs problem => New Solution : Make software for auto communication check

No.5 : Missing part problem => New Solution : VC check product and PL part by VC machine

No.6 : Differnr S/No. & Wrong part problem => New Solution : Auto comparation by software

No.1 : Missing part problem => Solution : 1. Quantity control [Loss cost : ~ 7,364 USD] 2. Talk and point to re-confirm [Loss cost : ~ 3,073 USD]

No.2 : Wrong part problem => Solution : 1. Template JIG for check [Loss cost : ~ 3 K.USD] 2. Manual confirm part No of all parts [Loss cost : ~ 7.2 K.USD]

No.4 : LCD / LED / Key code NG problem => Solution : Template JIG for check [Loss cost : ~ 1,2 K.USD]

No.5 : Wrong infromation of product problem => Solution : Manual record value of sample after check [Loss cost : ~ 1 K.USD]

No.6 : Prevent Skip process problem Complete : 85% Remain : 15%

No.7 : Missing part problem => Solution : Template JIG for VC check [Loss cost : ~ 1,036 USD]

No.8 : Differnr S/No. & Wrong part problem => Solution : Manual comparation [Loss cost : ~ 4,1 K.USD]

No.

Items

Lost cost (USD)

Rate

1	Quantity control	7,364	25.7%
2	Manual confirm part No - compare WI before start	7,200	25.1%
3	Template JIG	5,200	18.1%
4	Manual double check	4,841	16.9%
5	Manual comparation	4,100	14.3%
Total		28,705	100%

2 . SCHEDULE

No.	Corrective action	FY2020							FY2021				
		Q1	Q2	Oct	Nov	Dec	Jan	Feb	Mar	Q1	Q2	Q3	Q4
1	Setup auto prepare part by machine [No.1]				Add barcode	Make software	Apply						
2	Auto confirm parts and PCB by scan barcode , auto compare by software [No.2]					Add barcode	Make software	Apply					
3	VC check product and PL part by VC machine [No.5]			Test soft VC adaptor : 4 line	Apply	Make soft VC product : 3 line	Apply						
4	Auto confirm and record sample value by checker [No.3]					Request	PE , IT study → Make	Apply					
5	Automation connect and communication check [No.4]					Request	PE , IT study → Make	Apply					
6	Auto comparation by software [No.6]		Request	Make soft Auto compare S/N parts by software	Test	Apply							
7	Review detail job => Delete ineffective countermeasure												
8	Make software for auto confirm part when 1st product check						Request	PE , IT study → Make	Apply				

IV. CONFIRMATION BY SUPERVISOR

Applicant	Checked MGR/A.GM	Approved by GM
<div>Date:</div>	<div>Date:</div>	<div>Date:</div>