## REGISTER FORM OF PROMOTION PROJECT

Theme: Name: Pham Thi Quyen **Nominated Position: Supervisor Section/Group: Production** CHANGE LINE CONCEPT & REDUCE INDIRECT JOB 1.ACTION & TARGET: PENSURE QUALITY & REUDUCE COST . CURRENT ISSUES: (BACKGROUND TO TAKE ACTIVITIES) PBX- PSNV QUALITY SITUATION OVERVIEW [ Apr.2020 ~ Oct.2020 ] CORRECTIVE ACTION FOR CHANGE LINE CONCEPT & REDUCE QUALITY CONTROL INDIRECT JOB Link to check log file Main KPI Unit Theme Verify Weight check E-Quality 40 Offical clair (Cost) to d to the second (Cod) (Loss) Case Achieved target Lot out 1 💥 □ No.6 : Different □ No.1 : Missing part problem
=> New solution : Setup auto prepare part by □ No.3 : Wrong infromation of product problem □ No 5 · Missin oqc part problem => New Solution : VC CHANGE LINE CONCEPT process problem Remain : 15% => New Solution : Auto confirm and record sample 15 Informatio -> Solution : to "Ensure quality of 16 check product and PL part by VC machine product & reduce quality lost by software ☐ No.2 : Wrong part problem 600 423 => New solution : Auto confirm parts & PCB by scan barcode, auto compare by software Part 6,000 3,564 Lost cost (USD ) 38,903 USD Quality loss top is Target for defect by Man / Method Reduce No. USD Items Corrective action Efficiency lost 20,449 34,899 In process Current Target Save cost Quantity control Setup auto prepare parts by machine [ No.1 ] Δ 6.00 1 par uto confirm parts and PCB by scan barcode, auto compare by softwa Manual confirm part 7.2 Δ 6.20 Defect - 0 Total 27 080 38,901 3.35 Δ 1,84 Defect = 0 VC check product and PL part by VC machine [ No.5 ] Template JIG QUALITY CONTROL INDIRECT JOB Auto confirm and record sample value by checker [ No.3 ] Δ 1,38 Δ 6,00 Automation connect and communication check [ No.4 ] Defect = 0Category Total HC IPQC Q'ty Indirect rate Conclusion Theme Items Manual comparation Auto comparation by software [ No.6 ] 4.10 2.30 A 1.80 Defect = 0PBX 146 6% Δ 24,24 ( ~ 87% 27.80 Review and improvement daily job for DP 247 3% 203 3% Dect reduce Quality control indirect job: PBX is Top Review detail job => Delete ineffective countermeasure HDC 0% Indirect for Quality control Δ 18,00 3 pax Mass defect = 0 Improve for 1st product check : Check part No. of part from Manual -> 28 ΡJ 4% **Before: 6% => After: 4%** A 42,249 MW 3% Total save 6 pax 2. SCHEDULE II. PROBLEM ANALYSIS: FY2021 FY2020 PBX - CURRENT LINE CONCEPT ANALYSIS No. Corrective action Q1 Q2 Oct Nov Dec Jan Feb Mar Q1 Q2 Q3 Q4 Link to check log file Setup auto prepare part by machine [ No.1 ] Apply Assemble Assemble 2 Prepare parts Verify check Auto confirm parts and PCB by scan barcode 2 Make softw auto compare by software [ No.2 ] 6 **W** VC check product and PL part by VC machine Make soft Apply 3 □ No.8 : Differen □ No.6 : Prevent □ No.7 : Missing □ No.1 : Missing part problem => Solution : □ No.4 : LCD / LED / Key code NG problem S/No. & Wrong Skip process part problem Auto confirm and record sample value by checker ate JIG for check 1. Quantity contro 4 PE, IT study → Make [Loss cost : ~ 7.364 USD 1 problem => Solution : part problem No.3 1 Loss cost: ~ 1.2 K.USD 1 => Solution : Talk and point to re-confit □ No.5 : Wrong infromation of product problem Manual [Lost cost: ~ 3,073 USD] Remain: 15% for VC check => Solution : Manual record value of sample after Automation connect and communication check comparation 5 Loss cost PE, IT study → Make No.2: Wrong part problem => Solution: check [Loss cost: ~1 K.USD] No.4] ~ 1.036 USD Loss cost 1. Template JIG for check
[Loss cost: ~3 K.USD] ~ 4,1 K.USD ☐ No.6 : Jump process problem [ Manual Make soft Test inspection process ] 2. Manual confirm part No of all parts => Solution: Using suppor [Loss cost: ~ 768.USD] oort JIG for re-confirm Auto comparation by software [ No.6 ] [Lost cost : ~ 7.2 K.USD ] No. Items Lost cost (USD) Rate Review detail job => Delete ineffective 1 Quantity control 7,364 25.7% Make software for auto confirm part when 1st 8 Apply 2 Manual confirm part No - compare WI before start 7,200 25.1% PE, IT study → Make product check Total summar

## III. PLAN & TARGET :

(DESCRIBE PROCEDURES FOR

3

4

5

Template JIG

Total

Manual double check

Manual comparation

## IV. CONFIRMATION BY SUPERVISOR

5,200

4.841

4.100

28,705

18.1%

16.9%

14.3%

100%

Applicant	Checked MGR/A.GM	Approved by GM
Аррпсанс	Checked Mary A.divi	Approved by Givi
Date:	Date:	Date: