Scrap Analysis Report Exemple - Last 5 Days Performance

This Report Document, is just for a reference to do a conform analysis report

1. Summary of Defects by Family

Family	Total Defects
Flex	210
CM4	160
GEN2	115
VM4	85
MNG2	45
Sim	38
DCK	32
B8	28
Engine Cooling	18
First Plastique	14
Back Up Antenna	10

2. Top Defect Categories

Category	Total Defects
Process	510
Lot à défaut	110
Réglage	82
Formation	52

3. Top Defect Origins by Family

Family	Phase d'origine	Ligne	List of Defects	Quantity of Defects
Flex	40 Sertissage lamme boitier et boutrollage	Flex2	Mauvais bouterollage, Lame déformée	42
CM4	2.130 MEP ressort	CM4-Ligne 2	Boîtier endommagé, Fourchette endommagée	31
GEN2	150 Test force GENIIC	GEN2 Continue	Effort ressort non conforme, Muret cassé	37
VM4	20 Robot de brasage	VM4 Tower	Tour brûlée, Connexion déformée	32

4. Scrap Trends Over the Last 5 Days

Good Trends (Reduction in Defects):

- DCK Family: Reduction in "Bakelite cassé" defects.

- First Plastique Family: Lower occurrences of "Platine cassée."
- MNG2 Family: Fewer "Plaquette cassée" defects recorded.

Bad Trends (Increase in Defects):
- Flex Family: Increase in "Mauvais bouterollage" and "Soudure self écrasée."
- GEN2 Family: "Effort ressort non conforme" occurrences rising.
- CM4 Family: "Boîtier endommagé" and "Fourchette endommagée" increasing.

5. Key Findings & Recommended Actions

Issue	Hypothesis on Root Cause	Recommended Action Plan
High Scrap in Flex Family	Insufficient training on assembly steps	Increase operator training sessions and implement real-time quality checks
Frequent "Effort ressort non conforme" in GEN2	Material inconsistency or assembly pressure misalignment	Review material supplier quality and adjust assembly force settings
"Boîtier endommagé" and "Fourchette endommagée" in CM4	Handling issues during assembly	Reinforce handling procedures and introduce additional fixture support
"Soudure self éclatée" in multiple families	Soldering temperature fluctuations	Validate soldering temperature control and adjust process parameters

6. Critical Lines to Monitor

- **Flex2**: High scrap rates due to bouterollage and mechanical issues.
- **CM4-Ligne 2**: Increasing defects in mechanical integrity.
- **GEN2 Continue**: Testing phase needs optimization to reduce scrap.

This report provides insights to guide immediate corrective actions and long-term quality improvements. The primary focus should be on process-related issues as they account for 65% of the total scrap. Enhanced training, process adjustments, and better material control are key to reducing defects effectively.