CHENG DU

P&G IWS 5.0

全力以赴 全域突破

Project Name:
PKG TAMU Delay Auto Alarm

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Background

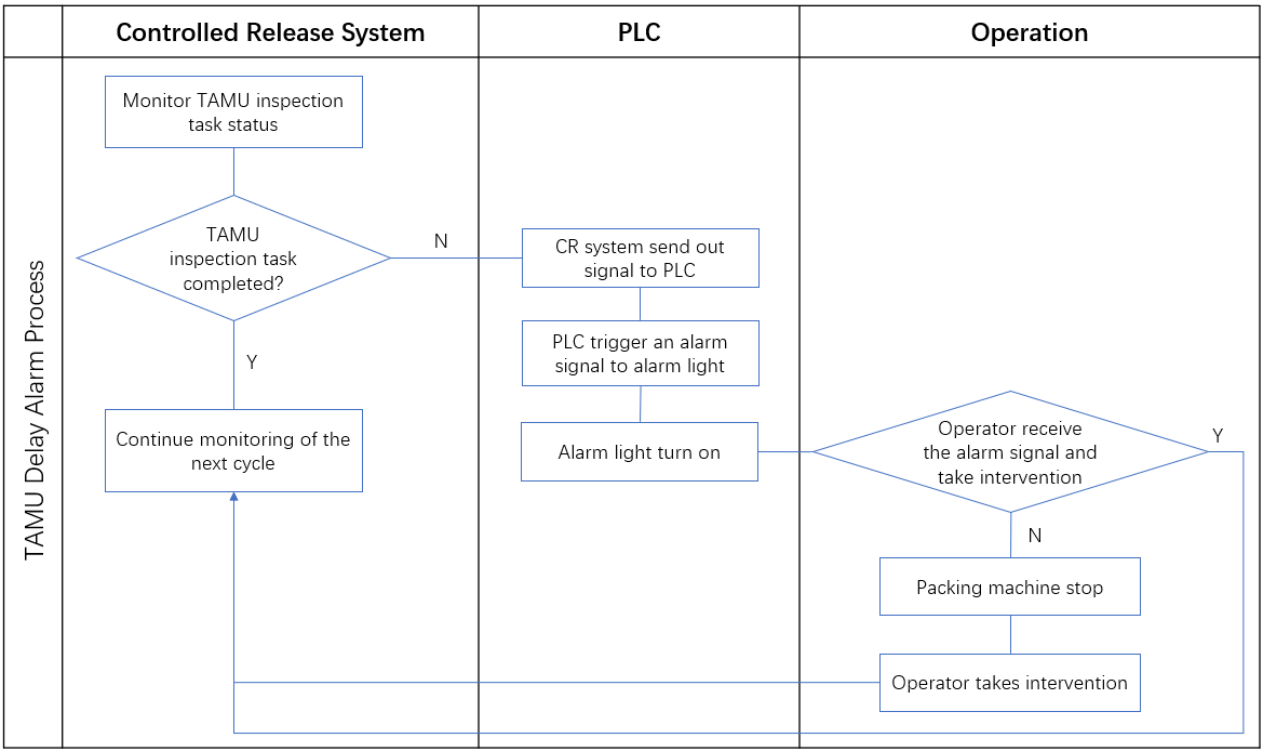
Per product quality inspection guidance, packing operator do TAMU check every hour and input inspection result in Controlled Release system which is interlocked with Packing machine. If TAMU inspection miss the timeline, packing machine will stop and operator need manual intervention and redundant touches.

What was done

Design a programming in Controlled Release system to set a checkpoint before TAMU inspection deadline and connect with PLC. Install an alarm light to interlock with PLC which is set as alarm signal to operators.
Standardize the process on how to read the alarm signal and what action is needed.

How it works?

Controlled Release (CR) system monitor TAMU inspection task completion. There is a checkpoint set on CR programming on 5 mins before TAMU inspection due time. If TAMU inspection is not yet completed, the CR system will send out a signal to PLC, and PLC trigger an alarm to the operator. If operator completes the TAMU inspection task, CR system auto track the status and send out a signal to turn off the alarm. This helps to eliminate redundant touches.



▼ 200 # /month
Touch#

▼ 200 mins/month
Touch Effort

▼ 90% stops elimination
Unplanned Stop