



全力以赴 全域突破

Project Name:
Making Unattended
Operation in Admix Area

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Dept.: MSG

Background

Chengdu plant launched making unattended operation project and successfully enabled **4Hrs unattended in Admix area**. The project achieved number of loss reduction in many ways including **unplanned loss** (5/d UPST and 15 ton/d un-quality FP reduction), **planned loss** (42#/d CO touch and 12#/d CIL touch reduction) and **MU & Quality loss** (12M/y) reduction.

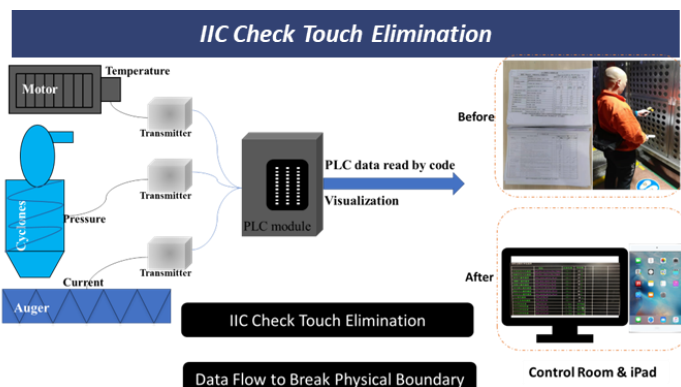
How it works?



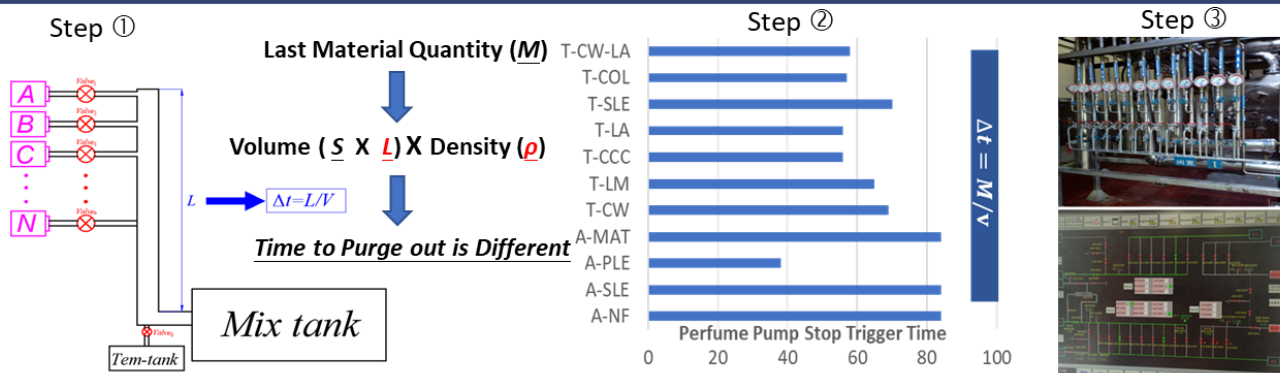
What was done?

4 major projects were done to enable the area unattended:

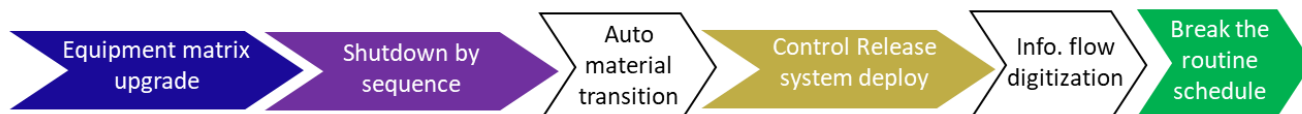
- PLC & Controller Upgrade:** we upgraded making control system hardware which laid good foundation for all projects.
- IIC Check Touch Elimination:** we established E-checklist for IIC check.
- Auto Perfume Purge Out for CHO:** different delays and auto purge out system was designed for perfume system based on complex calculation.
- One-click Sequential Shutdown:** In HMI we integrated shut-down sequence and automate the whole process into one-click effort.



Auto Perfume Purge Out For CHO



One-click Sequential Shutdown



1 FTE
Reduction



60 #/day
Touch Reduction



40 M\$/Y
Value Creation