

1 钣喷车间流水作业改善

Sheet Metal Paint Spray Workshop Flow system Improvement

产品价值 Values

- 解决生产瓶颈
Break the bottleneck of production
- 规范现场及工艺
Standardize site and technique
- 提高生产效率
Improve production efficiency
- 改变经营格局
Change management pattern
- 项目盈利最大化
Project profit maximization

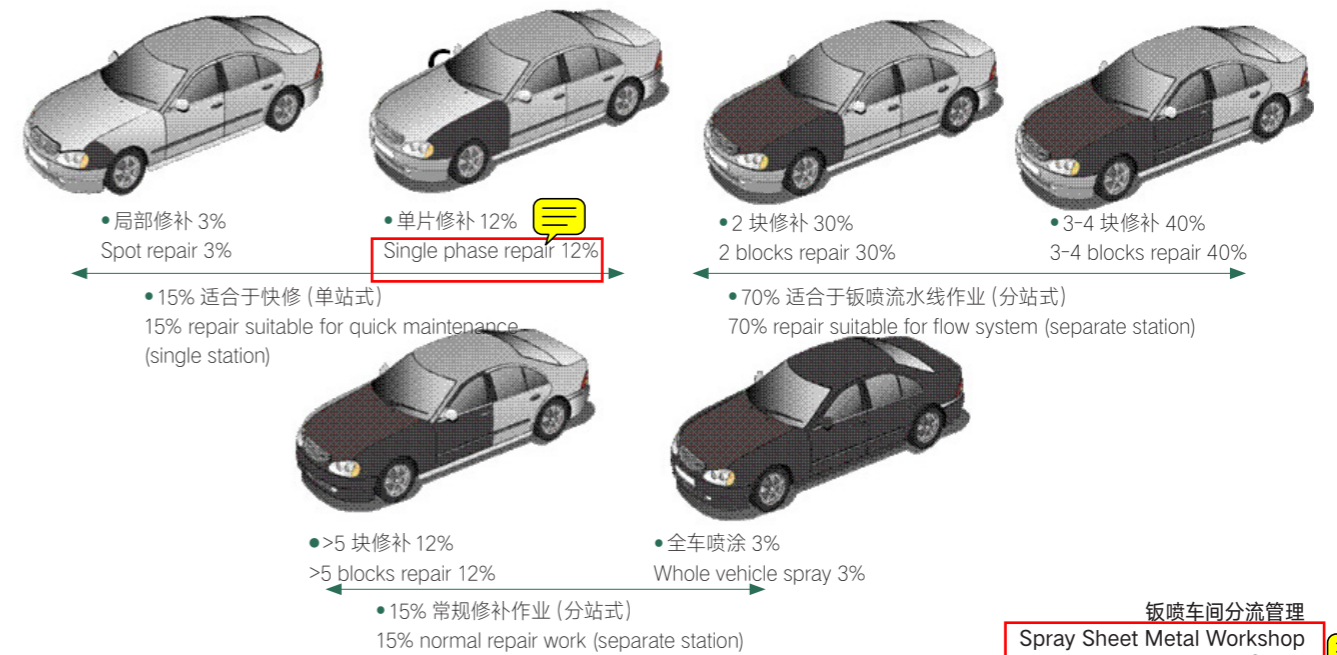
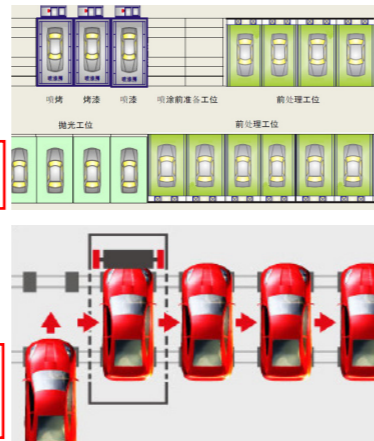
改善解析 Analysis of improvement

- 改善定义:
Definition of improvement
- 钣喷车间转型升级
Transformation and upgrading of sheet metal paint spray workshop
- 改善流程:
Improvement process:
- 评估进场车辆情况
Estimate vehicle condition
- 根据调查结果将事故车分类安排
Classify accident vehicles according to the result of survey
- 根据分类建立维修导向
Build maintenance guidance according to classification
- 设置各工序维修项目和节拍时间
Set maintenance items and time of each process
- 硬件设计及辅助设备制造安装
Hardware design, auxiliary equipment manufacture and installation
- 运营及持续改善
Management and continuous improvement

- 改善目的:
The aim of improvement
- 提升客户交车满意度
Enhance customers satisfaction
- 建立标准化的营运模式 - 模式 / 体系 / 团队 / 品牌
Set up standardized management mode- mode/system/team/brand
- 项目实现盈利
Achieve program profitability
- 改善内容:
Improvement contents:
- 钣喷维修理念由传统式转入集约式
Change metal sheet repair philosophy from traditional way to intensive way
- 专业的策划及店面评估
Professional planning and store evaluating
- 油漆工艺策划及整合改善
Painting technique planning and integration improvement
- 设备改善 - 硬件设施及场地
Equipment improvement- hardware facilities and sites
- 成本及可行性盈利分析
Cost and profitability analysis

改善模式 Improvement mode

- 固定工位分组流水作业模式:
Fixed station and grouped flow system mode:
- 采用相对固定的工位布局, 维修车辆在相关工位上完成尽量多的维修工作, 减少车辆移动时间, 员工按不同工种分组工作, 各司其职直至修复完成。
By relative fixed station layout, finish as much as possible maintenance work at relative station, reduce vehicles moving time, divide workers into groups according to their duty, finish the maintenance work.
- 移动式流水线作业模式:
Movable flow system mode:
- 建立类似主机厂流水线模式的钣喷车间将车辆置于运行在轨道上的小车上设备预先安置于相应工位每完成一道工序, 由人工推至下一工序, 直到修复完工。
Build similar sheet metal paint spray workshop flow system in OEMs, put the vehicles on the trolley running on the track, preset equipments on corresponding stations, once finish each process, push the vehicle to next process by man, until finish all the repair work.



钣喷车间分流管理 Spray Sheet Metal Workshop Management Shunt

产品特征 Features

- 符合标准的流体机械
Meet requirement of standard fluid machinery
- 无火花涡轮风机
No spark turbo fan
- 高强度大尺寸小车
High strength, big size trolley
- 电动卷帘门
Automatic rolling door
- 专业工具电气柜
Professional tool electric cabinet
- 布局合理的配套设备
Reasonable layout equipment
- 易拆装过滤系统
Easy disassembled filter system
- 三维红外线烤灯
3D infrared heating lamp

2

钣喷车间流水作业成功案例

Successful Stories



• 东莞世奥奥迪
DONGGUAN SHI AO AUDI



• 顺德世锦奥迪
SHUNDE SHIJIN AUDI



• 湖南世茂汽车销售服务有限公司
HUNAN SHIMAO AUTOMOBILE SALES SERVICE CO.



• 青海金岛奥迪 4s 店
QINGHAI JINDAO AUDI 4S SHOP



• 浙江永奥汽车销售服务有限公司
ZHEJIANG YONG AO AUTO SALES & SERVICE CO., LTD.



• 万通汽修学院
WONTONE AUTO MAINTENANCE ACADEMY



• 华胜无锡华尊店
HARSON WUXI HUAZUN STORE



• 成都一汽丰田培训中心
CHENGDU FAW TOYOTA TRAINING CENTER



• 嘉兴本田
JIAXING HONDA



• 深圳兴业丰田
SHENZHEN HUATIAN TOYOTA



• 江门雪铁龙
JIANGMEN CITROEN