Error Proofing Sys</mark>tem Implementation

Error proofing for an Automotive OEM Improves Quality

Client

Automotive Original Equipment Manufacturer

Objectives

- Improve vehicle quality tracking
- Eliminate paper documentation of errors
- Improve quality defect reporting and correction capability
- Improve overall quality rating

Sandalwood is an engineering and ergonomics consulting firm. Since starting in 1989, Sandalwood has designed over 3,000 projects that have executed strategic solutions for manufacturers.

By providing their knowledge, research, technology, and resources, Sandalwood supports its clients from the executive level to the factory floor so you can...

Work Smarter. Work Safer.



Pick Validation Equipment to verify correct part selection

Project Description

Development of an effective Error Proofing system by the OEM needed to be installed with every new model launch program, becoming a standard system for all the client's North American Assembly Plants.

Sandalwood provided multi-disciplined project management, training, installation coordination and post installation standby support to ensure successful implementation. The Sandalwood team directed the installation of error proofing system components and infrastructure. Additionally, they provided direction to the launch team regarding the work element

prioritization process.

On screen results and reports





Electronic Torque monitoring via DC Tools

Results

- The Error Proofing system was delivered on time and within budget
- Since system implementation the overall quality rating of our client rivals that of its' global competitors
- Manual paper inspection traveler was eliminated
- A web interface allows instant feedback and on-line reporting to enable quicker problem identification and resolution

• Both management and plant staff were trained on the system

• Sandalwood support during system launch allowed transition to plant ownership and utilization

Similar results were obtained at other assembly plant locations.



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