

# PROJECT SUMMARY

## AM General Plant Maintenance Implementation



**Location**

Mishawaka, IN 46545

**Total Investment**

\$80,000

**Project Type**

Engineering Services for Improved Maintenance Operations

**Role**

Preventative Maintenance & Spare Parts Planning  
Plant Wide Facilities  
Body Shop  
General Assembly

**Scope**

H2 Hummer Plant

**Project Objectives**

The primary objectives were as follows.

- Identify and prioritize critical equipment and provide quick solutions or work around maintenance plans for areas of greatest risk.
- Obtain departmental buy-ins for the Hummer Spare Parts Philosophy.
- Analyze the initial OEM spare parts lists provided by vendors by these groups.
  - ▶ Consumables
  - ▶ Long-Lead Items
  - ▶ Critical Parts
  - ▶ All Others
- Review and standardize vendors spare parts lists (eliminate redundancy and convert to a “really-needed” spare parts list)
- Identify the availability, storage methodology and point of use
- Recommend inventory levels at outsource storage based on investment/cost analysis
- Recommend emergency inventory requirements for in-plant storage
- Implement a point of use visual spare parts management system
- Develop a backup parts approach for all critical production and facilities equipment
- Resubmit spare parts lists to OEM in Hummer standard format to capture OEM critical data; i.e., OEM Part No. and generic suppliers
- Present revised spare parts list with recommendations to each department for sign-off
- Identify and recommend alternate spare parts storage approaches, control and distribution

**Project Results**

The scope of project encompassed providing an organized approach to maintaining critical equipment within the H2 facility.

**Client Contact**

The assigned AM project leader was Cesar Senna, Hummer H2 GMS Coordinator, 12900 McKinley Highway, Mishawaka, IN 46545-0568. Mr. Senna’s telephone number is 574-252-4177.