Optimum Shipping and Receiving System Mitigates Risk and Improves Employee Safety in Automotive Plants

Industry Issue

In the summer of 1997, a strong need emerged to improve safety and efficiency in delivering parts from suppliers to automotive plants. A cross-disciplinary effort was suggested to re-conceive the loading, transporting and unloading of automotive components as an organic whole. The challenge was to determine how all aspects of a shipping and receiving system relate to and affect each other and then to optimize that interrelationship.

Unique Insight

A handbook was created to aid in designing and implementing an optimum shipping and receiving system (M-6). In addition to the M-6, two instructional videos — AIAG Trailer Safety Inspection and AIAG Trailer Loading and Unloading — served as training aids.

Results

The M-6 Handbook and instructional videos provide consistent education to guide the automotive industry when developing optimum shipping and receiving systems and have been instrumental in mitigating risk.

Participating Companies

Albany International
American President Lines
APL Automotive Logistics
Applied Handling, Inc.
Autoquip Corp.
B&W Interstate
Clark Material Handling Co.

Crane CorToc
DaimlerChrysler
Delphi Corp.
Design Systems, Inc.
Detroit Door & Hardware Co.
Express Carriers
Ford Motor Co.
General Motors Co.
Heartland Express
Industrial Transport, Inc.
Inland Paper Board & Packaging
International Door, Inc.
J J Transport
Kelly Company, Inc.
Logistics Insights Corp.
Lucas Varity Meritor Automotive, Inc.
Penske Logistics
Powerramp
Rite-Hite Corp.
Schneider National Transportation International Pool
TRW Automotive
Xtra Intermedia
Wapash National Corp.