



Manufacturing

Automotive

Client
PACCAR

Location
Ste. Therese, Quebec, Canada

Kenworth-Peterbilt Truck Plant

CH2M HILL teamed with Stendel & Reich Architects of Montreal, Quebec, to execute the modernization of the Ste. Therese truck plant. The existing plant was recommissioned to produce Kenworth-Peterbilt Class 7 and 8 trucks after being closed for a period of two years. This plant modernization included a 155,000 square-foot addition which houses new paint operations. A new process layout was implemented to accommodate a 30 percent increase in production. The facility also contains administrative, training, cafeteria, and meeting space.

Services provided included the following:

- Visioneering, CH2M HILL's innovative strategic planning process
- Concept design and detailed facility design
- Project management, including coordination of equipment suppliers
- Coordination with local agencies to ensure conformance to codes and regulations
- Translation of technical documents from English to French
- Owner representation for management of vendors and construction contracts

Features of the project included:

- A single source of facility and process design facilitated a fast-track schedule.
- Visioneering sessions held with all project team members developed the conceptual requirements and design criteria for the modernization, improving communication between team members, saving considerable design time, and minimizing change orders.
- Improved process layout and building orientation design increased productivity.
- Coordination with equipment and paint vendors minimized technical issues, expediting the schedule.
- Development of plant equipment and facility standards reduced maintenance costs, increased interchangeability of spare parts, and improved safety.
- Management of equipment suppliers, paint vendors, and construction contracts with local resources eliminated the need to increase Kenworth-Peterbilt personnel at the Ste. Therese project site.