

Flex-N-Gate Mexico Manufacturing Facility

San Jose de Iturbide, Guanajuato, Mexico

Client: Flex-N-Gate Corporation
Architect/Design-Build Firm: DOCSA
Contractor: ESCALA

Range of Services

- ▶ Building programming; structural planning
- ▶ Interview Design/Build firms; review final design
- ▶ Coordinate systems layout during construction; construction administration
- ▶ Review probable cost data; foundation design

Project Overview

The Manufacturing Facility houses the processing and stamping line for the production of truck bumpers, which required a 16-foot deep press pit capable of supporting sixteen 500,000 pound presses. The chrome plating area is adjacent to the attached wastewater treatment facility. The paint coating system required ecological containment. The basic building footprint, including wastewater treatment and loading docks, is 220,000 square feet. The building height is 50 feet at the eave. The steel building frame is pre-engineered by Varco-Pruden Mexico. The foundation design is drilled piers and grade beams, plus a slab-on-grade.



Aerial view of Employees Services Building in Foreground and Manufacturing Facility in Background



integrating
STRUCTURAL
design
focused on
quality