

Pipe Rack Container Project

Storage/Inventory: Increased Efficiency and Cost

Pipe Rack Case Study

Field-based equipment managers needed a safer and more efficient method of handling, organizing, storing, securing, and transporting 21 Ft random flanged pipe sections and transition fittings used in the chemical-based cleaning & periodic maintenance operations of large power plant infrastructure.

In addition, this equipment was being stored outdoors in a single level which allowed contaminants into the pipes & fittings and there was a high need for space which comes at a premium during plant shutdowns.

GEM 360 accepted this challenge and their decision resulted in the design & build and delivery of 40HC shipping containers modified to address the client's need. Extensive structural work created very large & accessible openings on each side which allowed easy forklift access to pipe sections organized by diameter in heavy duty, adjustable pipe racks. For the smaller pipe fittings, a high-security, enclosed storage area was provided at the cargo door end, that when opened, allow quick access to heavy duty shelving space.

GEM 360's containerized product solutions provided much-needed safety, control, and security in these difficult work environments while preventing safety incidents and saving hundreds of labor hours before, during, and after being deployed at the work sites.

