

CASE STUDY

PIPE RACK CONTAINER PROJECT STORAGE/INVENTORY: INCREASED EFFICIENCY AND COST

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 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'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.

