

Ethanol Railcar Unloading Rack Design/Permit

Location: Atlanta, Georgia
Client: Major Petroleum Company
Contract Cost: Confidential

PROBLEM

A major petroleum company retained Remtech Engineers to obtain building permits and provide construction management for a new ethanol railcar unloading rack at a petroleum terminal.

SOLUTION

Remtech provided unloading rack siting, grounding review, fire detection/suppression review, submission of building permit drawings, and construction management services for this project.

Remtech reviewed footing designs and integration of the unloading rack spill diversion routing into the plant's existing AST tank farm's secondary containment and treatment system.

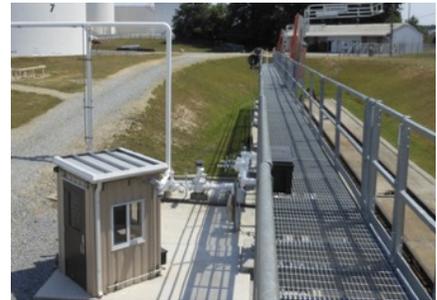
Building and fire prevention permits were obtained for construction of this facility.

COST/BENEFITS

This project was completed on schedule and budget. The contractor was held responsible for removing and reinstalling inadequate rack footings caught by Remtech.



Completed Ethanol Railcar Unloading Rack



Railcar Access Gangway to Top of Railcars



Concrete Spill Diversion Trench Flows to Existing Tank Farm Secondary Containment



Hydraulically Operated Railcar Access Gantry