



INDEPENDENT
MECHANICAL INDUSTRIES, INC.

CITGO PETROLEUM - REFINERY WORK



CLIENT:
CITGO PETROLEUM CORP.
LEMONT, IL

THE PROJECT:
New Systems and Maintenance and Repair Work

OVERVIEW:
IMI has been favored to perform work at Citgo Refinery for over 20 years, completing installation of new equipment and systems as well as extensive maintenance and repair work. IMI is involved with most "Turnaround/Shutdown" projects working directly for Citgo or through other contractors as a subcontractor.

IMI maintains a core group of tradesmen familiar with refinery operation who have been safety trained, as well as welders certified for refinery requirements. This allows us to respond to client needs within hours of a call for work with qualified personnel who can do the job.

We further have Supervisory personnel ranging from 15-30 years experience in the Petroleum Chemical Industry.

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PROJECT DETAILS (ALL PROJECTS):

PROJECT INFORMATION:

Project Location: Citgo Refinery
Project Executive: Bobby Lowe
Project Manager: Mike Osburn

CLIENT INFORMATION

Client Name: Citgo Petroleum Corp
Client Reference: Thomas Hartley
Address: 135th St. & New Avenue, Lemont, Illinois 60439



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PROJECT DETAILS:

2008 Sulfur Turnaround

IMI blinded, opened, and tunneled two tray towers; disassembled and reassembled fourteen heat exchangers; repaired four reactor beds; installed four nozzles in pressure vessels and re-tubed one reaction furnace.

PROJECT INFORMATION:

Project Name: 2008 Sulfur Turnaround
Project Type: Heat & Power

CONTRACT INFORMATION

Original Contract Amount: \$1,000,000
Contract Type: T&M Not To Exceed

PROJECT DETAILS:

Tall Gas Unit Installation

IMI installed a reactor, burner, and piping to connect burner to reactor; assembled and set three overhead fin fans; and installed ladders and platform on three towers and two drums. Major equipment was set on this project.

PROJECT INFORMATION:

Project Name: Tail Gas Unit
Project Type: Burner & Piping

CONTRACT INFORMATION

Original Contract Amount: \$550,000
Contract Type: T&M Not To Exceed

PROJECT DETAILS:

Repairs to Aux Boiler

IMI replaced the entire south wall boiler, hydro tested the boiler, repaired tube leaks, opened, cleaned, and made repairs per inspection on the steam drum, mud drum, and steam separator. Fabrication of the casing components were completed on site. This project was scheduled and budget driven. We gave them the boilers two days earlier than scheduled.

PROJECT INFORMATION:

Project Name: Repairs to Aux Boiler
Project Type: Boiler

CONTRACT INFORMATION

Original Contract Amount: \$350,000
Contract Type: T&M Not To Exceed

PROJECT DETAILS:

New SCR Unit - 2007

IMI provided installation of a selective catalytic reduction unit, designed for 70,000 barrels a day FCC Unit. IMI assisted in design changes and fabricated turning vanes. The project included heavy rigging and equipment in very confined area, and extensive hastalloy welding.

PROJECT INFORMATION:

Project Name: New SCR Unit - 2007
Project Type: Equipment & Steel Erection
Project Superintendent: Troy Livingston

CONTRACT INFORMATION

Original Contract Amount: \$1,500,000
Contract Type: T&M Not To Exceed



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