

Sunoco Refinery

Oregon, Ohio

Sulfur Recovery Unit Project:

In 2006, Sunoco Refinery signed an agreement with the U.S. EPA and Ohio EPA that required Sunoco to invest money toward pollution control and expansion which allows Sunoco to increase its refining capacity while adding air pollution control equipment. Sunoco plans to modify two crude units and the fluid catalytic cracking unit to allow additional production of petroleum products, including gasoline and distillates. The additional pollution controls will result in significant reductions in nitrogen oxides and sulfur dioxide emissions from the facility.

A part of the second phase of the agreement is the installation of an additional Sulfur Recovery Unit. This new Sulfur Recovery Unit will maintain continuous removal of sulfur from the refinery processes during outages out the existing Sulfur Recovery Unit. The new installation will enhance the existing Sulfur Recovery Unit with the addition of a new Tail Gas Unit.

Project Scope:

IPS is responsible for the installation of a new Sulfur Recovery Unit which includes Two Tail Gas Units and One Incinerator. This includes the installation of 13 modules, reactors, pumps, shell/tube exchangers, fin fan exchangers, towers and pressure vessels. With the equipment installation, IPS is also responsible for piping fabrication, pipe installation, electrical and instrumentation, insulation and structural.

Project Duration: 10 Months

Project Cost: \$16 Million



REFINERY

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