

Motiva Port Arthur Expansion

Port Arthur, Texas



Advanced Piping Products

Project Information

Industry	Refining
Client	Motiva
Name	Motiva Port Arthur Refining Expansion
Scope	VibraTek Hold Down Clamps



Our Role

Through Jacobs Engineering, APP supplied approximately 500 VibraTek Hold Down Clamps for reciprocating compressors.

Project Specifications

Location	Port Arthur, Texas
Date	Completed 2012
Description	Refinery expansion from 275,000 barrels per day to 600,000 barrels per day, making it the largest refinery in the U.S. and one of the top 10 in the world.



Photo: multivu.com

Highlights

- A joint venture of Jacobs Engineering Group Inc. and Bechtel Corporation managed the engineering, procurement and construction for the facility expansion.
- Motiva Port Arthur is the largest refinery in the US.
- The expansion increased the existing refinery's capacity from 275,000 to more than 600,000 barrels per day.
- For this project Motiva designed one of the largest single-train crude distillation units in the world, capable of processing 325,000 barrels per day.
- The expanded refinery can process a wide variety of crude oils, ranging from relatively light to heavy.
- The refinery has flexibility to switch between primarily producing gasoline and diesel to adapt to varying market conditions.
- APP's VibraTek Hold Down Clamps were selected as the sole support for all reciprocating compressor piping.



Photo: clui.org