



Reference List

Client	Alon
Location	Big Spring, TX
Scope of Work	Engineering Study of Hydrogen Heater
Client	Koch Industries
Location	Rotterdam, Netherlands
Scope of Work	Engineering Study of Crude Heater
Client	Chevron
Location	Kapolei, HI
Scope of Work	Simulation Runs of Vacuum Heater
Client	Citgo
Location	Lake Charles, LA
Scope of Work	Engineering Study of Vacuum Heater for Naphtha Service
Client	ConocoPhillips
Location	Roxana, IL
Scope of Work	Engineering Study of Boiler
Client	ConocoPhillips
Location	Borger, TX
Scope of Work	Feasibility Study for SCR Installation Downstream Steam Methane Reformer
Client	Lion Oil
Location	El Dorado, AR
Scope of Work	Engineering Study for Burner Replacement in Six Fired Heaters
Client	Targa Resources
Location	Mont Belvieu, TX
Scope of Work	Engineering Study of HRSG Boiler
Client	Valero
Location	Texas City, TX
Scope of Work	Engineering Study on Alky Heater
Client	Jacobs
Location	Baton Rouge, LA
Scope of Work	Structural Analysis and Design for CCU-1 Heater
Client	ConocoPhillips
Location	Roxana, IL
Scope of Work	Design and Engineering Services for one new 200 MMBtu/hr Hot Oil Heater
Client	ConocoPhillips
Location	Belle Chasse, LA
Scope of Work	NOx Reduction in Heaters 1391-H-4, 1791-H-1 and 291-H-2 Engineering Study



Reference List

Client	Valero
Location	Texas City, TX
Scope of Work	Topper Heaters Air Preheating System Engineering Study
Client	Valero
Location	Texas City, TX
Scope of Work	Topper Heaters Air Preheating System Engineering Study
Client	Ambitech Engineering / Countrymark CO-OP
Location	Mt. Vernon, IN
Scope of Work	Vacuum Heater Capacity Increase Engineering Study
Client	Valero
Location	Norco, LA
Scope of Work	CCR Platformer Heater Capacity Increase with proprietary Split Flow Technology
Client	Valero
Location	Texas City, TX
Scope of Work	CDHDS Reboiler Efficiency Improvement Engineering Study
Client	Devon Energy
Location	Riverton, WY
Scope of Work	Turnkey Supply of one new Hot Oil Heater
Client	Valero
Location	Texas City, TX
Scope of Work	Engineering Study of Crude Unit Heaters (H-16 & H-17) Capacity Increase
Client	Bechtel
Location	Houston, TX
Scope of Work	Fired Heaters Design and Documentation Review for Reliance Jamnaagar refinery
Client	ConocoPhillips
Location	Roxana, IL
Scope of Work	CO Boiler Tuning
Client	Alon
Location	Big Spring, TX
Scope of Work	FCCU Feed Preheater Replacement
Client	ConocoPhillips
Location	Rodeo, CA
Scope of Work	Capacity Improvement Study of Crude and Vacuum Heaters (B-601 & B-602)



Reference List

Client	ConocoPhillips
Location	Roxana, IL
Scope of Work	CCU1 & CCU2 Steam Drums Re-Rate Study
Client	ConocoPhillips
Location	Los Angeles, CA
Scope of Work	Performance Improvement Study for Vacuum Heaters H-33/34
Client	ConocoPhillips
Location	Roxana, IL
Scope of Work	Engineering Study for Vacuum Heater and Transfer Line Rerating
Client	Citgo / Mustang Engineering
Location	Corpus Christi, TX
Scope of Work	CO Boiler Rerating Report as Flue Gas Cooler
Client	Valero
Location	Port Arthur, TX
Scope of Work	NOx Reduction Study for Boilers 34 & 35
Client	Pasadena Refining
Location	Pasadena, TX
Scope of Work	Engineering Study for Naphtha Hydrotreater Reactor Charge Heater
Client	ConocoPhillips
Location	Borger, TX
Scope of Work	Conversion of Unit No. 40 CO Boiler to Fuel Gas Fired Boiler
Client	Citgo
Location	Corpus Christi, TX
Scope of Work	Engineering Study for Improving Efficiency of Crude Heaters
Client	Alon
Location	Big Spring, TX
Scope of Work	Engineering Study for Increasing Capacity of Reactor Charge Heater
Client	ConocoPhillips
Location	Roxana, IL
Scope of Work	CR-3 Process Heaters –NOx Reduction Study
Client	ConocoPhillips
Location	Roxana, IL
Scope of Work	Engineering Study for Rerating Reformer Heaters with Low NOx Burners
Client	ConocoPhillips
Location	Belle Chasse, LA
Scope of Work	NOx Reduction & Efficiency Improvement for Reboiler Heaters (491-H-1 / 2)



Reference List

Client ConocoPhillips
Location Belle Chasse, LA
Scope of Work NOx Reduction & Efficiency Improvement for Reboiler Heaters (491-H-1 / 2)

Client Valero
Location Lima, OH
Scope of Work Engineering Study of the Reformer Heater

Client Valero
Location Port Arthur, TX
Scope of Work Engineering Study to Increase Capacity of Reactor Charge Heater

Client ConocoPhillips
Location Belle Chasse, LA
Scope of Work Engineering Study to Reduce NOx Emissions Crude Heater (191-H-1) and PDP

Client ConocoPhillips
Location Roxana, IL
Scope of Work Energy Audit of 4 Fired Heaters

Client Citgo
Location Lake Charles, LA
Scope of Work CFD Modeling of Air Ducting

Client ConocoPhillips
Location Roxana, IL
Scope of Work Engineering Study to Increase the Capacity of CO Heater

Client ConocoPhillips
Location Roxana, IL
Scope of Work Detailed Engineering & Project Services for Burner Replacement in CFHT Heater

Client Valero
Location Wilmington, CA
Scope of Work Engineering Study to Improve Draft in a Crude Heater

Client Citgo
Location Corpus Christi, TX
Scope of Work Turnkey supply of GHT Charge Heater

Client Citgo
Location Trainer, PA
Scope of Work Engineering Study to Increase Capacity of Isocracker Charge Heater

Client Valero
Location Port Arthur, TX
Scope of Work Capacity, Efficiency & Reliability Improvement of 3 Platforming Heaters



Reference List

Client	ConocoPhillips
Location	Linden, NJ
Scope of Work	CFD Modeling of Feed Water Distribution in CO Boiler Economizer Coils
Client	Valero
Location	Texas City, TX
Scope of Work	Engineering & Project Services for Capacity Improvement of Platformer & NHT Heaters
Client	Valero
Location	Ardmore, OK
Scope of Work	Feasibility Study of 10 Fired Heaters for Increasing Capacity of the Units
Client	ConocoPhillips
Location	Roxana, IL
Scope of Work	Heater Rerating to Hydrotreating service using S-Zorb Process
Client	Frontier Oil
Location	El Dorado, KS
Scope of Work	Engineering Study for Performance Improvement of 2 Fired Heaters
Client	Hovensa LLC
Location	St. Croix, USVI
Scope of Work	Engineering Study & Evaluation of Air Preheater Systems
Client	ConocoPhillips
Location	Roxana, IL
Scope of Work	Engineering Drawings for Steam Methane Reformer
Client	ConocoPhillips
Location	Borger, TX
Scope of Work	NOx Reduction in Crude Heaters
Client	ConocoPhillips
Location	Roxana, IL
Scope of Work	Burner Rerating and Analysis for Hydrocracker Charge Heater
Client	Hovensa LLC
Location	St. Croix, USVI
Scope of Work	Cost Estimation and Specifications for Stack Damper Actuators
Client	Citgo
Location	Lake Charles, LA
Scope of Work	Inspection and Recommendations for Performance Improvements of B-6 Heater
Client	Citgo
Location	Lake Charles, LA
Scope of Work	Mechanical Inspection of New Crude and Vacuum Heaters



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Client	Alon
Location	Big Spring, TX
Scope of Work	NOx Reduction & Mechanical Rerating of a Crude Heater
Client	Alon
Location	Big Spring, TX
Scope of Work	NOx Reduction in FCC Unit Charge Heater
Client	ConocoPhillips
Location	Santa Maria, CA
Scope of Work	Field Survey of Crude Heaters
Client	Murphy Oil
Location	Meraux, LA
Scope of Work	Field Survey of Crude Heater
Client	Frontier Oil
Location	El Dorado, KS
Scope of Work	Engineering Study for Performance Improvement of Crude Furnace.
Client	ConocoPhillips
Location	Roxana, IL
Scope of Work	Rating of Hot Oil Heater
Client	Hovensa LLC
Location	St. Croix, USVI
Scope of Work	Efficiency Improvement Study of No.2 Platformer Heaters
Client	Hovensa LLC
Location	St. Croix, USVI
Scope of Work	Best Practices Manual for Air Preheaters
Client	ConocoPhillips
Location	Ponca City, OK
Scope of Work	Performance Analysis, Engineering and Project Services for NOx Reduction
Client	Valero
Location	Lima, OH
Scope of Work	Engineering & Project Services for Capacity Increase and NOx Reduction
Client	Citgo
Location	Corpus Christi, TX
Scope of Work	Performance Improvement Study for CO Boiler
Client	Valero
Location	Lima, OH
Scope of Work	Engineering Study of Crude Furnace



Reference List

Client	Citgo
Location	Corpus Christi, TX
Scope of Work	Project Design Basis for Capacity Improvement and NOx Reduction for No. 5 Platformer Charge Furnace
Client	Orion Refining
Location	Norco, LA
Scope of Work	Performance Improvement Study for Coker Heaters
Client	ConocoPhillips
Location	Roxana, IL
Scope of Work	Engineering Study for CCU1 CO Heater (H-1) Convection Section
Client	Valero
Location	Port Arthur, TX
Scope of Work	Engineering Study for Determining the Cause of Back Firing in Fractionators Feed Heater
Client	ConocoPhillips
Location	Roxana, IL
Scope of Work	Engineering Study for Design of a New Convection Section and Recommendations for Improved Performance of CFHT Heater
Client	ConocoPhillips
Location	Borger, TX
Scope of Work	Engineering Study for Rerating of 2 Crude Heaters and Design of New Crude Heater
Client	Foster Wheeler
Location	Port Arthur, TX
Scope of Work	Engineering Study for Identifying Shortfall in Performance of First Stage Charge Heater
Client	Chevron USA
Location	Kapolei, HI
Scope of Work	Engineering Study and Cost Estimation of Converting Crude Heater to Gas Firing
Client	Chevron USA
Location	Kapolei, HI
Scope of Work	Engineering Study and Cost Estimation of Converting Crude Heater to Gas Firing
Client	Citgo
Location	Lake Charles, LA
Scope of Work	Basic Design and Specifications of Crude and Vacuum Heaters Including Transfer Lines
Client	Citgo
Location	Corpus Christi, TX
Scope of Work	Field Survey and Study of Excess Air Reduction in 2 Unibon Heaters



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Client	Valero
Location	Ardmore, OK
Scope of Work	Engineering Study for Efficiency Improvement of 3 Crude Heaters
Client	ConocoPhillips
Location	Borger, TX
Scope of Work	Engineering Study for Reducing Coking in a Crude Heater
Client	Air Products
Location	La Porte, TX
Scope of Work	Field Survey/Recommendation for Oxygen Analyzers in Feed Preheaters
Client	Petrozuata
Location	Puerto La Cruz, Venezuela
Scope of Work	Field survey and analysis of 6 Crude Heaters
Client	Citgo
Location	Corpus Christi, TX
Scope of Work	Efficiency Improvement and Cost Estimate Study for No. 4 Platformer Heater along with Stripper Reboiler and Stabilizer Reboiler Heaters
Client	Citgo
Location	Corpus Christi, TX
Scope of Work	Design, Engineering and Project Management for Efficiency Improvement for No. 4 Platformer Heater
Client	Citgo
Location	Lake Charles, LA
Scope of Work	Performance Improvement study of 5 Unicracker Heaters with Air Preheating System
Client	Shell
Location	Deer Park, TX
Scope of Work	Engineering Study to Restore and Improve the Capacity of Hot Oil Heater with Air Preheating System
Client	Valero
Location	Three Rivers, TX
Scope of Work	Engineering Study for Efficiency Improvement of Crude Heater
Client	Georgia Gulf
Location	Pasadena, TX
Scope of Work	Engineering Study for Hot Oil Heater
Client	Motiva Enterprise
Location	Convent, LA
Scope of Work	Participation in a RCA Study to Improve the Performance of H-Oil Heater
Client	Air Products
Location	Pasadena, TX
Scope of Work	Development of Steam Reformer Plant Handbook



Reference List

Client	Lyondell Citgo Refining
Location	Pasadena, TX
Scope of Work	Rerating of Convection Section and Performance Improvement Study
Client	Mitchell Gas
Location	Anderson, TX
Scope of Work	Review of Instrumentation and Control Scheme for Thermal Oxidizer
Client	Chevron
Location	Pascagoula, MS
Scope of Work	Review of Vacuum Heater Coking Problem
Client	Raytheon Engineers & Contractors
Location	Equatorial Guinea
Scope of Work	Review of Reformer Inquiry Specifications
Client	Raytheon Engineers & Contractors
Location	Equatorial Guinea
Scope of Work	Review of Reformer Design
Client	Lyondell Citgo Refining
Location	Pasadena, TX
Scope of Work	Tuning of 8 Fired Heaters for NOx Emissions and Efficient Operation of Fired Heaters Training of More Than 300 Operators for Safe Engineering Services for Improving the Performance of Fired Heaters
Client	Confidential
Location	Canada
Scope of Work	Process Design of a New Vacuum, Crude and Coker heater
Client	Specified Fuels and Chemicals
Location	Channelview, TX
Scope of Work	Tuning of 2 Hot Oil Heaters for Efficiency Improvement
Client	Valero
Location	Houston, TX
Scope of Work	Survey of Burners During Shutdown
Client	Mitchell Gas
Location	Tricounty, TX
Scope of Work	Servicing of Hot Oil Heater
Client	Citgo
Location	Corpus Christi, TX
Scope of Work	Engineering Study to Improve Performance of Stabilizer Reboiler
Client	Citgo
Location	Corpus Christi, TX
Scope of Work	Efficiency Improvement & NOx reduction and Study of Isostripper Reboiler Heater



Reference List

Client	Mitchell Gas
Location	Tricounty, TX
Scope of Work	Servicing of Hot Oil Heater
Client	Mitchell Gas
Location	Seven Oaks, TX
Scope of Work	Review of Inquiry and Bids for Regeneration Gas Heater
Client	Alon
Location	Big Spring, TX
Scope of Work	Engineering & Project Services for Installation of Low NOx Burners
Client	Confidential
Location	Midland, TX
Scope of Work	Review of Atmospheric and Vacuum Heaters for Increased Capacity
Client	Air Products
Location	La Porte, TX
Scope of Work	Review and Inspection of Feed Preheaters
Client	Confidential
Location	Ampol Refinery, Australia
Scope of Work	Review of Atmospheric Heater for Increased Capacity
Client	Star Enterprise
Location	Port Arthur, TX
Scope of Work	Design, Engineering & Supply of Intermediate Tube sheets, Tube sheet Sleeves and Header Boxes
Client	Citgo
Location	Corpus Christi, TX
Scope of Work	Engineering Services for Installing New Burners for Platformer Heater
Client	Confidential
Location	Anacortes, WA
Scope of Work	Process Design of a New Vacuum Heater
Client	Texaco
Location	Port Arthur, TX
Scope of Work	Modeling of Crude, Vacuum, and Naphtha Reboiler
Client	Confidential
Location	Anacortes, WA
Scope of Work	Troubleshooting and Analysis of Existing Vacuum Heater
Client	Koch Refining
Location	Corpus Christi, TX
Scope of Work	Engineering Study of Atmospheric Heater
Client	Mobil Oil
Location	Beaumont, TX
Scope of Work	Engineering Study of B-2 and B-3 Vacuum Heaters and Air Preheating System



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Client	Koch Refining
Location	Corpus Christi, TX
Scope of Work	Engineering Study of Fractionator Reboiler Heater and Reactor
Client	Chevron
Location	Kapolei, HI
Scope of Work	Engineering and Project Services for Modification of Burners for Crude and Vacuum Heaters Supply of Knock out Drum and Filtering System for Fuel Gas Burner Testing of Crude Heater Supply of New Oil Tips for Crude Heater Burners
Client	Star Enterprise
Location	Port Arthur, TX
Scope of Work	Field Survey and Modeling of 4 Heaters, Infrared Thermograph of nine Fireboxes
Client	Koch Refining
Location	Corpus Christi, TX
Scope of Work	Engineering Study of First Stage Hydro Cracker Heater
Client	Citgo
Location	Corpus Christi, TX
Scope of Work	Modeling and NOx Estimation for No. 5 Platformer Heater
Client	Citgo
Location	Corpus Christi, TX
Scope of Work	Engineering Study for Platformer Heater
Client	KTI BV
Location	BHP, Australia
Scope of Work	Engineering Study of First Stage Hydro Cracker Heater
Client	KTI BV
Location	Erdol Chemie, Köln, Germany
Scope of Work	Burner Test for Ethylene Furnaces
Client	Citgo
Location	Corpus Christi, TX
Scope of Work	Engineering Study for Improving Performance and Capacity of Crude and Vacuum Heaters
Client	Mitchell Gas
Location	Anderson, TX
Scope of Work	Engineering and Troubleshooting Services for Thermal Oxidizer
Client	Mitchell Gas
Location	Anderson, TX
Scope of Work	Engineering Assistance for Installation of a Thermal Oxidizer Efficiency Improvement of Hot Oil Heater Supply of New Gas Tips