

FOCUS ON

PETROLEUM PUMP SYSTEM OPERATORS, REFINERY OPERATORS, AND GAUGERS

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Houston Gulf Coast Region*

REGION'S PETROLEUM INDUSTRY IS THRIVING AND STEADILY HIRING

Needed: Petroleum Pump System Operators, Refinery Operators, and Gaugers

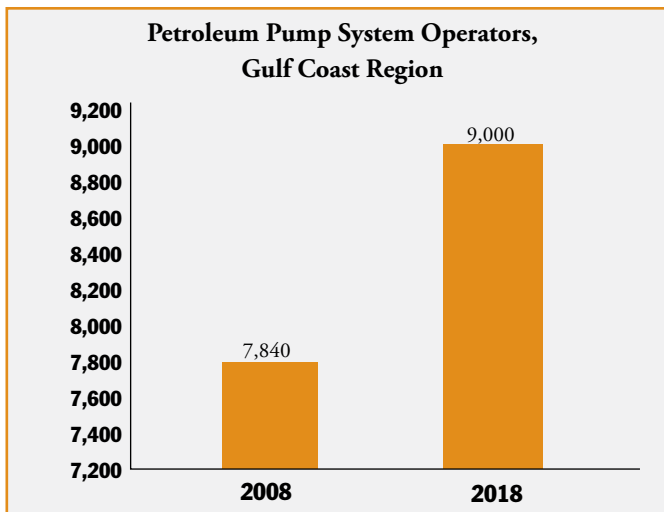
Petroleum pump system operators, refinery operators, and gaugers control the operation of petroleum refining or processing units. This task is performed by operating steam or electric-driven pumps to circulate crude, semi processed, and finished petroleum products, water, and chemical solution through processing, storage, and shipping departments. Petroleum pump system operators are in short supply. Many system operators will retire in the next five to 10 years.

WHY CONSIDER A CAREER AS A PETROLEUM PUMP SYSTEM OPERATOR, REFINERY OPERATOR, OR GAUGER?

- Good benefits and pay
- Excellent training available at local colleges
- Numerous job openings with multiple shift options
- A rewarding career for the highly skilled and motivated



THE NUMBER OF PETROLEUM PUMP SYSTEM OPERATORS, REFINERY OPERATORS, AND GAUGERS IN THE GULF COAST REGION IS EXPECTED TO INCREASE BY MORE THAN 1,000 OVER 10 YEARS.



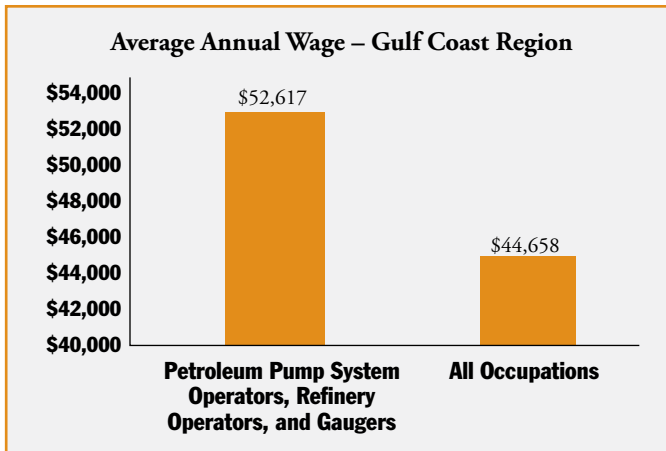
Brought to you by the Education Committee of The Gulf Coast Workforce Board.
For more information visit us on the web at www.wrksolutions.com
Latest data available. May 2011.

*Includes the following counties: Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Harris, Liberty, Matagorda, Montgomery, Walker, Waller, and Wharton.

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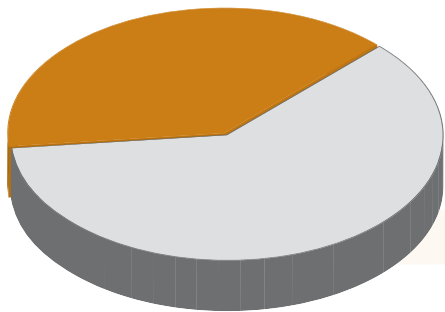
WANT TO EARN TOP PAY?



NEARLY 300 NEW JOBS IN THE REGION ARE AVAILABLE EVERY YEAR!

Annual Job Openings – Gulf Coast Region

Due to Growth
115 Jobs



Due to Replacement
180 Jobs



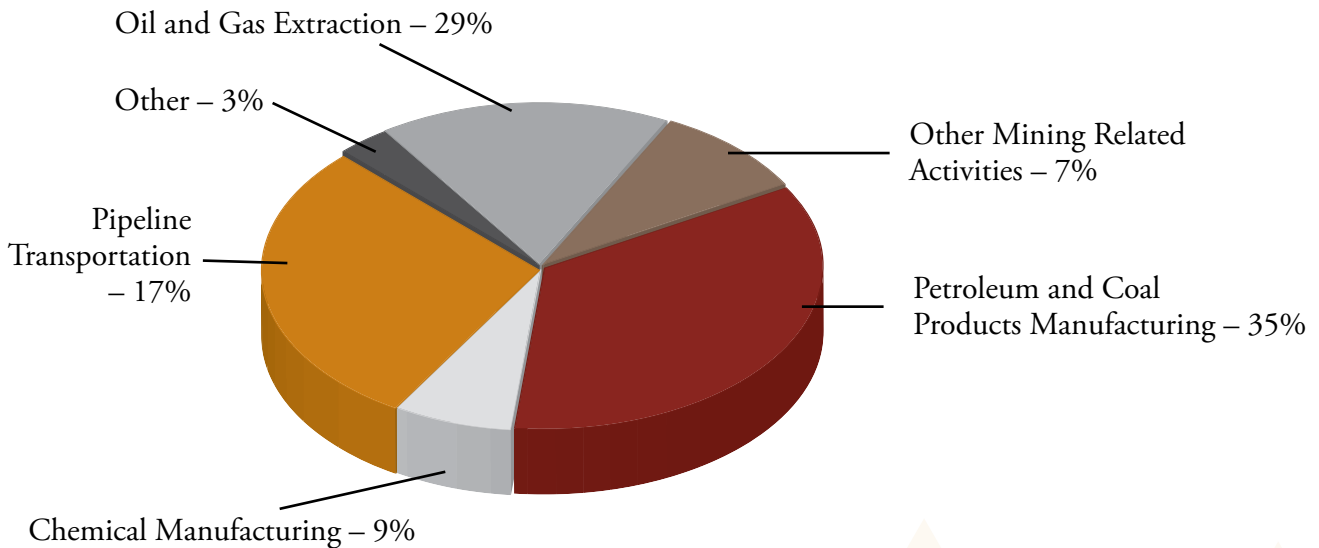
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JOB OPPORTUNITIES ARE AVAILABLE IN SEVERAL INDUSTRIES TIED TO OIL AND GAS.

**Petroleum Pump System Operators,
Refinery Operators, and Gaugers – Gulf Coast Region 2018**



START EARLY AND BE PREPARED!

Most companies in the Gulf Coast Region are working toward a requirement for individuals to obtain an associate's degree in Process Technology. A degree in Process Technology can open the doors to getting a job in a number of fields including refinery operations, chemical plant operations, food processing, power generation, pharmaceuticals and more. At a minimum, companies require the completion of a Process Technology Certification Program. Once hired, companies usually require employees to pursue an associate's degree in Process Technology.

A strong knowledge of computer technology, math and science is required for successful completion of a Process Technology program. Strive to get good grades throughout high school and seek college preparatory and advanced placement programs. Be aware of admission application deadlines and take necessary action to apply in time. To get ahead, persons can take a Fast Track Certification class at their local community college while still in high school. Work with your high school and community college counselors to ensure that all credits will transfer. All companies require a drug test, background check and additional testing.

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PREPARING FOR A PETROLEUM PUMP SYSTEM OPERATOR, REFINERY OPERATOR, AND GAUGER CAREER

9th Grade	Suggested Coursework		
	English I	World Geography	Career-Related Electives:
	Algebra I	Languages other than English I	
	Biology	Health/PE or Equivalent	
10th Grade	Suggested Coursework		
	English II	World History	Career-Related Electives:
	Geometry	Languages other than English II	
	Chemistry	Technology Applications	
11th Grade	Suggested Coursework		
	English III	United States History	Career-Related Electives: Manufacturing Systems
	Algebra II	Communication Applications	
	Physics	PE or Equivalent	
12th Grade	Suggested Coursework		
	English IV	Government/Economics	Career-Related Electives: Manufacturing Technology or Energy, Power & Transportation Systems
	Precalculus	Fine Arts	
	Environmental Systems		

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PETROLEUM PUMP SYSTEM OPERATOR, REFINERY OPERATOR AND GAUGER PROGRAMS

COMMUNITY COLLEGES

- Alvin Community College
- Brazosport College
- College of the Mainland
- Houston Community College
- San Jacinto College
- The Victoria College
- Wharton County Jr. College

For additional information visit us at

<http://www.wrksolutions.com/employer/energy.html>

Workforce Solutions is a regional partner with
the Gulf Coast Process Technology Alliance

<http://www.gcpta.org/>

MAJOR EMPLOYERS IN THE GULF COAST REGION

- Akzo Nobel Polymer Chemicals
- BASF Corporation
- Bayer Corporation
- BP Amoco Chemical Co.
- Chevron Phillips Chemical Co.
- The Dow Chemical Company
- E.I. Du Pont de Nemours & Co.
- Equistar Chemicals, LP
- ExxonMobil Chemical
- FMC Corporation
- Goodyear Chemical
- INEOS Olefins and Polymers, USA
- Kaneka Corporation
- Lubrizol Corporation
- Lyondellbasell Chemical Company
- PPG Industries, Inc
- Praxair, Inc.
- Rhodia Inc.
- Rohm & Haas
- Shell Deer Park Chemical
- SI Group
- Solvay Chemicals, Inc.
- Sunoco Chemicals
- Texas Petrochemicals LP
- Valero Refining

Workforce Solutions is an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities.

Texas Relay Numbers:

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