

**CAREER PROFILE**

# Project Manager in Petroleum

## JOB OUTLOOK

The Project Manager field is expected to grow by 20% globally by the year 2027.<sup>4</sup> Crude oil is an essential commodity because of its use in the development of a variety of products, including gasoline, synthetic fabrics, plastics, fertilizers, pharmaceuticals, car tires, ammonia, perfumes, and even bubble gum.<sup>5</sup> As a Project Manager in Petroleum, you can find yourself working anywhere in the world with a wide diversity of products.

## SALARY RANGE<sup>6</sup>

\$75,000–\$150,000 +bonuses

## WHO ARE THEY?

A Project Manager in Petroleum leads teams comprised of engineers, chemists, technical specialists, and project controls specialists. They work on the development of project scope, budgets, and schedules. They also prepare proposals, feasibility studies, and preliminary design reports. A Project Manager in Petroleum typically manages multiple engineering and design projects for the petroleum and petrochemical industries.<sup>1</sup> Project types and products include but are not limited to: natural gas-gathering pipelines, oil pipelines, natural gas compressor stations, dehydration, fractionation, liquids handling and storage, liquefied petroleum gases, aviation gasoline, motor gasoline, jet fuel, kerosene, residual fuel oil, lubricants, waxes, asphalt, and road oil.<sup>2</sup> They work for oil and gas engineering companies, refineries, and government organizations.

## WHAT DO THEY DO?

Project Managers in Petroleum develop and track project cost estimates, including labor specifications and project schedules. They oversee the engineering and design teams to ensure project deliverables are completed on time and are in compliance with all government and company standards. A Project Manager in Petroleum is responsible for working closely with the client to meet their needs ensuring future recommendations for the company. They oversee all communications and develop project reports as requested. A Project Manager in Petroleum understands the gas and oil processes enough that they can develop a block flow diagram and choose the equipment needed to fulfill the project goals.<sup>3</sup>

<sup>1</sup> Spec Services, Project Managers - Oil & Gas Facilities and Pipeline, On the internet <https://specservices.com/Employment/Employment.php> (visited September 22, 2019)

<sup>2</sup> U.S. Energy Information Administration, Glossary, Petroleum products on the internet [https://www.eia.gov/tools/glossary/index.php?id=P#petro\\_prods](https://www.eia.gov/tools/glossary/index.php?id=P#petro_prods) (visited September 20, 2019)

<sup>3</sup> Kahuna, Project Manager, on the internet <http://www.kahunausa.com/project-manager> (visited September 20, 2019)

<sup>4</sup> Project Management Institute, Project Management Job Growth and Talent Gap, Page 5, on the internet <https://www.pmi.org/-/media/pmi/documents/public/pdf/learning/job-growth-report.pdf> (visited September 22, 2019)

<sup>5</sup> Investing Answers, 50 Surprising Facts You Never Knew About Oil, On the internet <https://investinganswers.com/articles/50-surprising-facts-you-never-knew-about-oil> (visited on September 22, 2019)

<sup>6</sup> On the internet [https://www.glassdoor.com/Salaries/petroleum-project-manager-salary-SRCH\\_K00,25.htm](https://www.glassdoor.com/Salaries/petroleum-project-manager-salary-SRCH_K00,25.htm)



# Project Manager in Petroleum

## EDUCATION/TRAINING

In addition to a bachelor's degree, this position requires:<sup>9</sup>

- Experience and demonstrated aptitude in most phases of engineering, construction, and operations of pipeline, station, and terminal facilities.
- Relevant work experience
- Computer Experience with all the MS Office programs and Primavera Software – Advanced
- Excellent technical writing skills.
- EIT Certification and intentions to obtain or have obtained a PE license are desirable.
- PM Certification from Project Management Institute is desirable.

## HOW DO I BECOME ONE?

A Project Manager in Petroleum needs one of the following: Bachelor's degree in Engineering, a PM Certification from Project Management Institute or ten years of experience managing projects in the petroleum industry.<sup>7</sup> In addition, employers are looking for five years of experience in a Project Manager role, preferably in the oil and gas industry. A Project Manager in Petroleum must have a strong work ethic and be willing to travel to field/project locations. They should have excellent communication and organizational skills as well as attention to detail. Project Managers in Petroleum need to be self-motivated. They need to react quickly to changing priorities and deadlines, as well as direct and manage engineering and design members of the team.<sup>8</sup>

<sup>7</sup> Buckeye Partners, Project Manager I, on the internet [https://rn22.ultipro.com/BUC1000/JobBoard/JobDetails.aspx?ID=\\*376B507B05221711](https://rn22.ultipro.com/BUC1000/JobBoard/JobDetails.aspx?ID=*376B507B05221711) (visited September 22, 2019)

<sup>8</sup> Kahuna, Project Manager, on the internet <http://www.kahunausa.com/project-manager> (visited September 20, 2019)

<sup>9</sup> Buckeye Partners, Project Manager I, on the internet, [https://rn22.ultipro.com/BUC1000/JobBoard/JobDetails.aspx?ID=\\*376B507B05221711](https://rn22.ultipro.com/BUC1000/JobBoard/JobDetails.aspx?ID=*376B507B05221711)