

CHEMICAL ENGINEERS

NOC 21320

Conduct research, develop chemical processes and equipment, and provide technical and management services for manufacturing plants that convert raw materials into a wide range of end products.



3-YEAR OUTLOOK



Undetermined

3-YEAR JOB OPENINGS

13

MEDIAN HOURLY WAGE

$52.45

$33.35 LOW

$72.52 HIGH

TYPICALLY REQUIRED



University

EMPLOYED

292

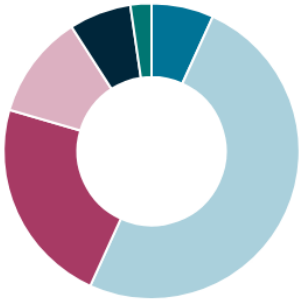
AVERAGE SALARY

$106,000



EMPLOYMENT BY INDUSTRY

52.3%	Manufacturing
18.2%	Utilities
9.1%	Wholesale trade
20.5%	All Other Industries



EMPLOYMENT BY AGE

6.8%	15-24
50.0%	25-34
22.7%	35-44
11.4%	45-54
6.8%	55-64
2.3%	65+

ALSO KNOWN AS

- Adhesives Engineer
- Biochemical Engineer
- Biotechnical Engineer
- Chemical Process Control Engineer
- Chemical Process Engineer
- Chemical Project Engineer

MAIN DUTIES:

This group performs some or all of the following duties:

- Conduct economic and technical feasibility studies in areas related to chemical, petroleum, pulp and paper, food or other processing industries
- Conduct research into the development or improvement of chemical engineering processes, reactions and materials
- Evaluate chemical process technology and equipment and determine production specifications
- Design and test chemical processing and associated plants and equipment
- Oversee the construction, modification, operation and maintenance of pilot plants, processing units or processing plants.

