INDUSTRIAL INSTRUMENT TECHNICIANS

NOC 22312: INDUSTRIAL INSTRUMENT TECHNICIANS AND MECHANICS

Install and maintain industrial measuring and controlling instrumentation in large processing industries such as pulp and paper, hydro power, mining, and petrochemical companies.

3-YEAR OUTLOOK

Undetermined

3-YEAR JOB OPENINGS

11

MEDIAN HOURLY WAGE

$41.38

$28.20 LOW — $61.96 HIGH

TYPICALLY REQUIRED

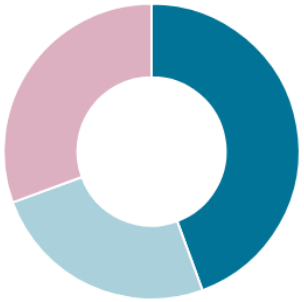
College or apprenticeship

EMPLOYED

239

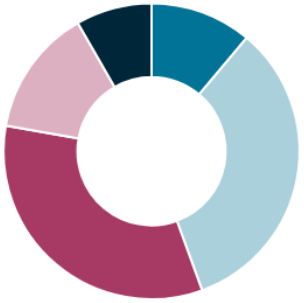
AVERAGE SALARY

$94,000



EMPLOYMENT BY INDUSTRY

44.4%	Manufacturing
25.0%	Utilities
Suppressed	Suppressed
30.6%	All Other Industries



EMPLOYMENT BY AGE

11.1%	15-24
33.3%	25-34
33.3%	35-44
13.9%	45-54
8.3%	55-64
Suppressed	65+

ALSO KNOWN AS

- Apprentice Industrial Instrument Mechanic
- Industrial Instrument Mechanic
- Industrial Instrument Technician
- Industrial Instrumentation Technician
- Process Control Equipment Mechanic

MAIN DUTIES:

This group performs some or all of the following duties:

- Consult manufacturer's manuals, circuit diagrams and blueprints to determine tests and maintenance procedures for instruments used for measuring and controlling flow, level, pressure, temperature, chemical composition and other variables in manufacturing and processing
- Inspect and test operation of instruments and systems to diagnose faults using pneumatic, electrical and electronic testing devices and precision measuring instruments
- Repair and adjust system components, such as sensors, transmitters and programmable logic controllers, or remove and replace defective parts.