

Semiconductor Processing Technicians

51-9141.00



Description: Perform any or all of the following functions in the manufacture of electronic semiconductors: load semiconductor material into furnace; saw formed ingots into segments; and other related tasks.

Other Resources:

[ONET Link](#)

[MyNextMove Link](#)

Sample of Reported Job Titles: Device Processing Engineer, Diffusion Operator, Engineering Technician

Job Zone

Title: 2 - Some Preparation Needed

Education: Usually require a high school diploma.

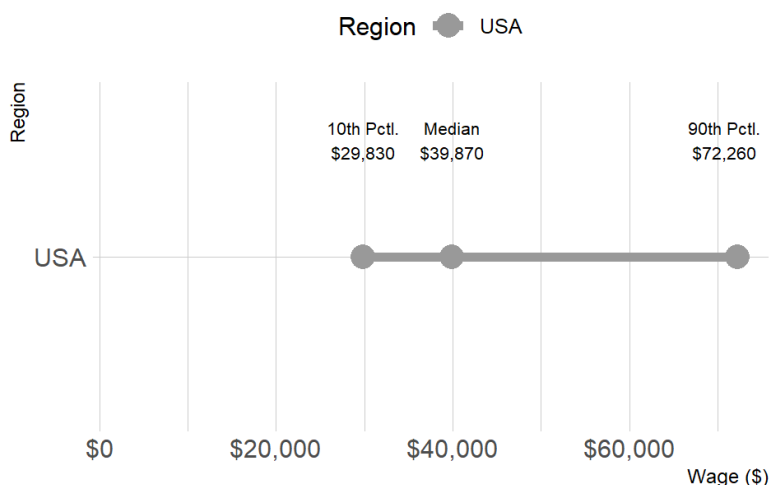
Experience: Some previous work-related skill, knowledge, or experience is needed.

Training: A few months to one year of working with experienced employees needed. A recognized apprenticeship program may be associated with these occupations.

Hot Technologies: Database software, Microsoft Office Suite

Region	Employment	Location Quotient	Median Wage
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USA	24,020	–	\$39,870
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Top 5 Core Tasks According to Current Job Holders

Frequency	Importance (out of 100)
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Manipulate valves, switches, and buttons, or key commands into control panels to start semiconductor processing cycles.

Hourly or more

89

Maintain processing, production, and inspection information and reports.

Hourly or more

89

Inspect materials, components, or products for surface defects and measure circuitry, using electronic test equipment, precision measuring instruments, microscope, and standard procedures.

Hourly or more

89

Clean semiconductor wafers using cleaning equipment, such as chemical baths, automatic wafer cleaners, or blow-off wands.

Hourly or more

87

Study work orders, instructions, formulas, and processing charts to determine specifications and sequence of operations.

Daily

86