

Occupational Profile
Industrial Machinery Mechanics
OES (Occupational Employment Statistics) CODE: 85119

Cameron County		Hidalgo/Starr/Willacy Counties	
Employment 2000	Projected Employment 2010	Employment 2000	Projected Employment 2010
150	150	200	220
Absolute Change		Absolute Change	
#	%	#	%
0	0	20	10
Is License Required?	Growth to Replacement	Is License Required?	Growth to Replacement
No	0:5	No	0:5
Hourly Wage 2002		Hourly Wage 2002	
Mean	Median	Mean	Median
\$14.98	\$12.99	\$13.97	\$12.89

Job Description:

Industrial Machinery Mechanics repair and maintain the operating condition of industrial production and processing machinery. Duties include repairing in accordance with diagrams, operating manuals, or manufacturer's specifications, machinery and mechanical equipment, such as pumps, conveyor systems, and motors. Exclude Millwrights and Mobile heavy equipment operators.

Average Education Required

Occupations at this level generally require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance.

Related Occupations

Similar occupations include aircraft mechanics and service technicians; elevator installers and repairers; machinists; millwrights; etc.

Skills Required

- Problem Identification -- Identifying the nature of problems
- Equipment Maintenance -- Performing routine maintenance and determining when and what kind of maintenance is needed
- Equipment Selection -- Determining the kind of tools and equipment needed to do a job
- Operation Monitoring -- Watching gauges, dials, or other indicators to make sure a machine is working properly
- Repairing -- Repairing machines or systems using the needed tools
- Testing -- Conducting tests to determine whether equipment, software, or procedures are operating as expected

Industrial Employment Patterns		
Industry Code	Industry	Percent of Employees
9300	Local Government, except Education	14.5%
7690	Misc. Repair Shops & Related Services	11.5%
8820	Self Employed	10.9%
4920	Gas Production & Distribution	9.4%
2820	Plastics Materials & Synthetic Resins	4.6%
5080	Machinery, Equipment & Supplies	4.6%
9100	Federal Government	4.4%
2810	Industrial Inorganic Chemicals	4.1%
2830	Drugs	3.3%
2630	Paperboard Mills	2.9%
2860	Industrial Organic Chemicals	2.3%
5010	Motor Vehicles, Parts & Supplies	2.2%

Troubleshooting -- Determining what is causing an operating error and deciding what to do about it