

SUPPLY CHAIN TECHNICIANS IN TEXAS



National Center for
Supply Chain Automation

WHO ARE SUPPLY CHAIN TECHNICIANS?

The National Center for SCA defines the job of a Supply Chain Technician as a person who installs, operates, supports, upgrades or maintains the automated material handling equipment and systems that support the supply chain.

Supply chain technician is an emergent occupation that does not currently exist in the federal Standard Occupational Classification (SOC) system.

WHY SUPPLY CHAIN TECHNICIANS?

Texas accounts for over 9% of current supply chain technician related workforce in the nation



- Schools in the United States are not producing enough supply chain mechanics and technicians with the requisite skills. **(University of Tennessee, 2015)**
- The supply chain field gets overlooked by new graduates, who think of supply-chain work as “a guy driving a forklift in a dusty old factory.” That outdated image is a huge hurdle for an industry that badly needs new talent in high tech, analytics, robotics, and engineering. **(Fortune Magazine, 2014)**

EMPLOYMENT IN TEXAS*

In Texas, supply chain related technicians and mechanics (defined using nine standard occupational codes) are currently estimated to number nearly 218,000. They are projected to grow by 18% by 2025. In addition to the new growth, companies are expected to replace about 23% of their current technician workforce, thus creating about 88,800 total job openings (both new and replacement) in the next 10 years.

Texas is home to 474 distribution center facilities of over 250,000 square feet. **(CoStar, 2014)**

Studies suggest that 70% of warehouses will add more automated processes in a 5-year timeframe. **(Motorola 2013 Warehouse Visions Report)**

With an average need for 4-6 technicians per large automated distribution center, Texas warehouses will need estimated 1,300 to 2,000 trained technicians to support their automated operations in a 5-year period.

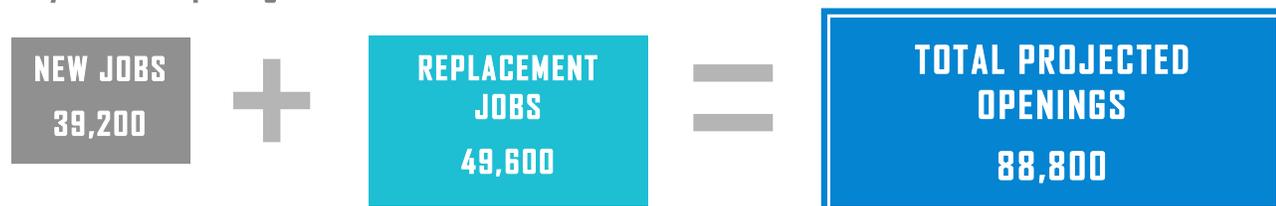
10-year Employment Projections

2015 JOBS
218,100

+ 18% →

2025 JOBS
257,300

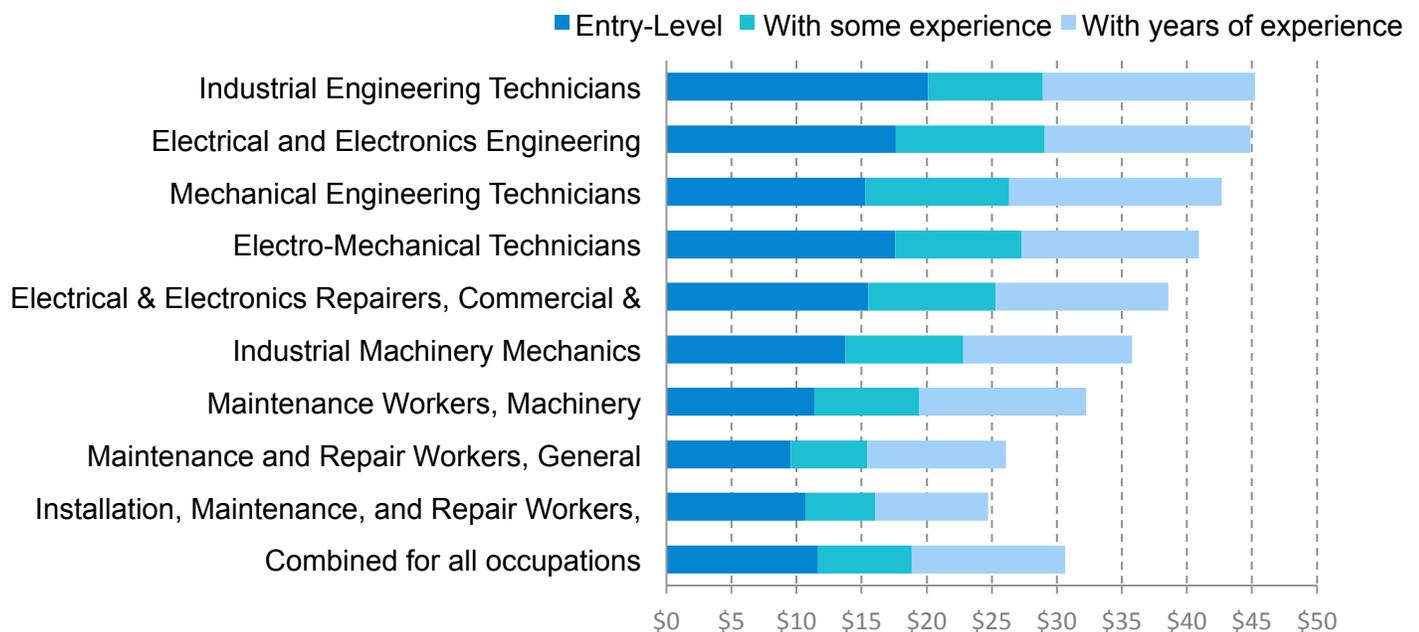
10-year Job Openings



EMPLOYMENT PROJECTIONS FOR OCCUPATIONS RELATED TO SUPPLY CHAIN TECHNICIANS IN TEXAS, 2015-2025

Occupations (Standard Occupational Code)	2015 Jobs	2025 Jobs	Total Job Openings (new & replacement)	New Jobs	Replacement Jobs	% Growth	% Replacement
Maintenance and Repair Workers, General (49-9071)	123,333	143,117	45,730	19,784	25,946	16%	21%
Industrial Machinery Mechanics (49-9041)	34,543	45,476	22,787	10,933	11,854	32%	34%
Electrical and Electronics Engineering Technicians (17-3023)	16,243	17,796	5,091	1,553	3,538	10%	22%
Installation, Maintenance, and Repair Workers, All Other (49-9099)	12,768	15,007	4,595	2,239	2,356	18%	18%
Maintenance Workers, Machinery (49-9043)	11,824	14,038	3,861	2,214	1,647	19%	14%
Electrical & Electronics Repairers, Comm. & Industrial Equipment (49-2094)	8,021	9,162	2,890	1,141	1,749	14%	22%
Mechanical Engineering Technicians (17-3027)	5,588	6,314	1,969	726	1,243	13%	22%
Industrial Engineering Technicians (17-3026)	4,577	4,881	1,294	304	990	7%	22%
Electro-Mechanical Technicians (17-3024)	1,251	1,507	550	256	294	20%	24%

HOURLY EARNINGS OF OCCUPATIONS RELATED TO SUPPLY CHAIN TECHNICIANS IN TEXAS, 2015**



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*As an emerging occupation, Supply Chain Technician (SCT) does not have a designated SOC code. Each SOC code listed in this brief includes SCTs as a primary segment of its workforce, as well as an unknown number not employed as SCTs. **Wages in the chart are represented for 10th, 50th, and 90th percentiles.