

Green Jobs

REEMPLOYMENT OPPORTUNITIES



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Transferable Skills and Reemployment Opportunities - A look into Green Jobs

One of the most important tools you can have when looking for a new job is an understanding of your transferable skills. What are transferable skills? Transferable skills are any skills, both job-related and personal, that you've learned over the years that can be used in another job or occupation. Examples of job-related skills include reading blueprints or specifications, moving or fitting heavy objects, using hand and power tools, and maintaining records, reports, and files. Examples of personal skills include general communication, reading and writing, time management, and critical thinking.

Transferable skills give you the opportunity to get a job that may be somewhat different from the jobs you've had before. For example, you may have used blueprints for a construction project you worked on. Your skills in reading construction plans could also be useful in a manufacturing plant, when you need to understand assembly blueprints for production. Your skills in reading technical documents allow you to apply for both construction and manufacturing jobs, even when your work experience is just in construction.

What's even better is that there are many jobs, including those in construction and manufacturing that work on green projects. For example, you could install a membrane or foam roof that is more energy efficient, or you could assemble solar panels and wind turbines at a manufacturing plant. These "green jobs" are expected to grow much faster than your standard jobs, so there may be more jobs available in the future.

Many of the skills you need for a green construction or manufacturing job are the same or very similar to those you've already learned. If you need to learn different skills, you often learn them on the job site. Sometimes, you can learn green skills by taking specific training classes or enrolling in an apprenticeship program.

Listing the green skills you have will make your job application stand out!

Note: To look at reemployment opportunities and transferable skills for construction and manufacturing jobs, DWS utilized TORQ 3.1 software. TORQ 3.1 software is built around the O*Net database and occupations classification system. TORQ measures how easy it may be for a worker to transfer from one occupation to another, based on knowledge, skills, and abilities (KSAs) of his or her previous or current occupation. DWS purchased five TORQ licenses to

Going Green in Construction

Are you working in construction? Are you thinking about getting a different type of job? Are you thinking you might want to get a job that does GREEN work?

Here is some information on five common construction jobs - how much they pay, how many people have these jobs, how many jobs might be available in the upcoming years, and how much experience and education you might need.

If you want to move into a different job, there are other opportunities that best match your job skills. These “Best Reemployment Opportunities,” require many of the same skills you use in your construction job, pay similar wages, don’t require too much additional work experience or education, and will have job openings in the upcoming years. Plus, these jobs are often GREEN!

Roofer

Median Wage:
\$28,392

2009 Employment:
1,454

2019 Employment:
1,384

Annual Openings:
24

Work Experience:
Some previous work-related skill, knowledge, or experience is required

Education Requirement:
High School Diploma (Usually)

Best Reemployment Opportunities:

- Welder, Cutter & Welder Fitter
- Inspector, Tester, Sorter, Sampler & Weigher
- Paving, Surfacing & Tampering Equipment Operator
- Service Unit Operator

Cement Mason/Concreate Finisher

Median Wage:
\$29,706

2009 Employment:
1,778

2019 Employment:
1,825

Annual Openings:
50

Work Experience:
Little or no previous work-related skill, knowledge, or experience is required

Education Requirement:
May require high school diploma
Or GED

Best Reemployment Opportunities:

- Welder, Cutter & Welder Fitter
- Inspector, Tester, Sorter, Sampler & Weigher
- Paving, Surfacing & Tampering Equipment Operator
- Sheet Metal Worker

Going Green in Construction

Electrician

Median Wage:
\$44,634

2009 Employment:
4,086

2019 Employment:
4,346

Annual Openings:
125

Work Experience:
Previous work-related skill,
knowledge, or experience is
required

Education Requirement:
Training in Vocational Schools or
Associate Degree

Best Reemployment Opportunities:

- Power Plant Operator
- Service Unit Operator
- Electrical Engineering Technician
- Electrical Power-Line Installer & Repairer

Construction Laborer

Median Wage:
\$23,308

2009 Employment:
14,853

2019 Employment:
17,015

Annual Openings:
315

Work Experience:
Little or no previous work-related
skill, knowledge, or experience is
required

Education Requirement:
May require high school diploma
or GED

Best Reemployment Opportunities:

- Refuse & Recyclable Materials Collector
- Welder, Cutter & Welder Fitter
- Inspector, Tester, Sorter, Sampler & Weigher
- Team Assembler

Carpenter

Median Wage:
\$33,860

2009 Employment:
6,942

2019 Employment:
7,453

Annual Openings:
137

Work Experience:
Little or no previous work-related skill, knowledge, or experience is required

Education Requirement:
May require high school diploma or GED

Best Reemployment Opportunities:

- Welder, Cutter & Welder Fitter
- Sheet Metal Worker
- Plumber, Pipefitter & Steamfitter
- Electrical & Electronics Equipment Assembler



Going Green in Construction

Here is some information on the Best Reemployment Opportunities for the 5 construction jobs. Which jobs pay the most, which will have the most job openings, and which match your work experience and education? Are you willing to get an apprenticeship or vocational training to move into any of these jobs?

REFUSE AND RECYCLABLE MATERIAL COLLECTOR	PLUMBER, PIPE FITTER AND STEAM FITTER	INSPECTOR, TESTER, SORTER, SAMPLER, AND WEIGHER	PAVING, SURFACING, AND TAMPERING EQUIPMENT OPERATOR
<u>MEDIAN WAGE</u> \$28,024	<u>MEDIAN WAGE</u> \$42,300	<u>MEDIAN WAGE</u> \$31,082	<u>MEDIAN WAGE</u> \$30,504
<u>2009 EMPLOYMENT</u> 602	<u>2009 EMPLOYMENT</u> 4,264	<u>2009 EMPLOYMENT</u> 1,106	<u>2009 EMPLOYMENT</u> 584
<u>2019 EMPLOYMENT</u> 660	<u>2019 EMPLOYMENT</u> 4,595	<u>2019 EMPLOYMENT</u> 1,012	<u>2019 EMPLOYMENT</u> 655
<u>ANNUAL OPENINGS</u> 24	<u>ANNUAL OPENINGS</u> 119	<u>ANNUAL OPENINGS</u> 19	<u>ANNUAL OPENINGS</u> 17
<u>WORK EXP. REQUIREMENT</u> Some previous work-related skill, knowledge, or experience is required.	<u>WORK EXP. REQUIREMENT</u> previous work-related skill, knowledge, or experience is required.	<u>WORK EXP. REQUIREMENT</u> Some previous work-related skill, knowledge, or experience is required.	<u>WORK EXP. REQUIREMENT</u> Some previous work-related skill, knowledge, or experience is required.
<u>EDUCATION REQUIREMENT</u> High School Diploma (Usually)	<u>EDUCATION REQUIREMENT</u> Training in Vocational Schools or Associate Degree	<u>EDUCATION REQUIREMENT</u> High School Diploma (Usually)	<u>EDUCATION REQUIREMENT</u> High School Diploma (Usually)

SHEET METAL WORKER	ELECTRICAL POWER LINE INSTALLER AND REPAIRER	SERVICE UNIT OPERATOR	POWER PLANT OPERATOR
<u>MEDIAN WAGE</u> \$37,468	<u>MEDIAN WAGE</u> \$51,513	<u>MEDIAN WAGE</u> \$47,070	<u>MEDIAN WAGE</u> ***
<u>2009 EMPLOYMENT</u> 930	<u>2009 EMPLOYMENT</u> 303	<u>2009 EMPLOYMENT</u> 1,606	<u>2009 EMPLOYMENT</u> ***
<u>2019 EMPLOYMENT</u> 943	<u>2019 EMPLOYMENT</u> 344	<u>2019 EMPLOYMENT</u> 1,895	<u>2019 EMPLOYMENT</u> ***
<u>ANNUAL OPENINGS</u> 23	<u>ANNUAL OPENINGS</u> 36	<u>ANNUAL OPENINGS</u> 57	<u>ANNUAL OPENINGS</u> ***
<u>WORK EXP. REQUIREMENT</u> Some previous work-related skill, knowledge, or experience is required.	<u>WORK EXP. REQUIREMENT</u> Previous work-related skill, knowledge, or experience is required.	<u>WORK EXP. REQUIREMENT</u> Some previous work-related skill, knowledge, or experience is required.	<u>WORK EXP. REQUIREMENT</u> Previous work-related skill, knowledge, or experience is required.
<u>EDUCATION REQUIREMENT</u> High School Diploma (Usually)	<u>EDUCATION REQUIREMENT</u> Training in Vocational Schools or Associate Degree	<u>EDUCATION REQUIREMENT</u> High School Diploma (Usually)	<u>EDUCATION REQUIREMENT</u> Training in Vocational Schools or Associate Degree

WELDER, CUTTER, AND WELDER FITTER	ELECTRICAL AND ELECTRONICS EQUIPMENT ASSEMBLER	TEAM ASSEMBLER	ELECTRICAL ENGINEERING TECHNICIAN
<u>MEDIAN WAGE</u> \$36,092	<u>MEDIAN WAGE</u> ***	<u>MEDIAN WAGE</u> \$23,213	<u>MEDIAN WAGE</u> \$58,034
<u>2009 EMPLOYMENT</u> 1,986	<u>2009 EMPLOYMENT</u> ***	<u>2009 EMPLOYMENT</u> 1,912	<u>2009 EMPLOYMENT</u> 1,972
<u>2019 EMPLOYMENT</u> 1,989	<u>2019 EMPLOYMENT</u> ***	<u>2019 EMPLOYMENT</u> 1,972	<u>2019 EMPLOYMENT</u> 1,954
<u>ANNUAL OPENINGS</u> 61	<u>ANNUAL OPENINGS</u> ***	<u>ANNUAL OPENINGS</u> 49	<u>ANNUAL OPENINGS</u> 37
<u>WORK EXP. REQUIREMENT</u> Some previous work-related skill, knowledge, or experience is required.	<u>WORK EXP. REQUIREMENT</u> Some previous work-related skill, knowledge, or experience is required.	<u>WORK EXP. REQUIREMENT</u> Some previous work-related skill, knowledge, or experience is required.	<u>WORK EXP. REQUIREMENT</u> Previous work-related skill, knowledge, or experience is required.
<u>EDUCATION REQUIREMENT</u> High School Diploma (Usually)	<u>EDUCATION REQUIREMENT</u> High School Diploma (Usually)	<u>EDUCATION REQUIREMENT</u> High School Diploma (Usually)	<u>EDUCATION REQUIREMENT</u> Training in Vocational schools or Associates Degree

Going Green in Construction

Here is a list of skills that are shared by many of the construction jobs and reemployment opportunities we've shown. Which skills do you have? Which skills do you have that are shared by other jobs? Would you want to move into any of those jobs and what might it take to do that?

Job Skill	Carpenter	Plumber, Pipefitter, Steamer	Sheet Metal Worker	Electrician	Cement Mason	Welder	Construction Laborer	Inspector, Tester, Sorter, Weigher	Power-Line Installer/Repairer	Roofers	Electrical Engineering Technician	Power Plant Operator	Paving, Surfacing Equip. Operator	Team Assembler	Service Unit Operator	Refuse and Recycling Collector
Use Hand Or Power Tools	X	X	X	X	X	X	X	X	X	X		X	X	X	X	
Fabricate, Assemble, Or Disassemble Manufactured Products By Hand	X	X	X	X	X	X	X	X	X	X	X			X		
Move Or Fit Heavy Objects	X	X	X	X	X	X	X		X	X						X
Read Technical Drawings	X	X	X	X	X	X		X	X		X	X				
Use Measuring Devices In Construction Or Extraction Work	X	X	X	X	X		X		X	X			X		X	
Perform Safety Inspections In Construction Or Resource Extraction Setting	X	X	X	X	X		X		X	X			X			
Read Blueprints	X	X	X	X	X	X		X	X		X					
Climb Ladders, Scaffolding, Or Utility Or Telephone Poles	X		X	X	X	X	X		X	X						
Adhere To Safety Procedures	X	X	X	X	X		X			X						
Direct and Coordinate Activities Of Workers Or Staff	X	X		X	X			X						X	X	
Read Tape Measure	X	X		X	X		X		X	X						
Build Or Repair Structures In Construction, Repair, Or Manufacturing Setting	X	X	X		X		X			X						
Erect Scaffold	X		X		X	X	X			X						
Use Precision Measuring Tools Or Equip.			X			X		X			X	X			X	
Apply Adhesives, Caulking, Sealants, Or Coatings	X	X			X		X			X						
Examine Products Or Work To Verify Conformance To specs	X		X			X		X						X		
Install/Connect Electrical Equip. To Power Circuit				X				X	X		X	X				
Maintain Records, Reports, Or Files	X	X		X		X		X								
Read specs	X	X				X		X					X			
Read Work Order, Instructions, Formulas, Or Processing Charts						X	X	X					X	X		
Understand Construction specs	X	X			X		X						X			
Understand Technical Operating, Service Or Repair Manuals			X			X		X			X	X				
Use Electrical Or Electronic Test Devices Or Equip.				X				X	X		X	X				
Use Soldering Equip.		X	X	X		X			X							

Going Green in Manufacturing

Do you work in manufacturing? Are you thinking about getting a different type of job? Are you thinking you might want to get a job that does GREEN work?

Here is some information on five common manufacturing jobs - how much they pay, how many people have these jobs, how many jobs might be available in the upcoming years, and how much experience and education you might need.

If you want to move into a different job there are other opportunities that best match your job skills. These “Best Reemployment Opportunities,” require many of the same skills you use in your manufacturing job, pay similar wages, don’t require too much additional work experience or education, and will have job openings in the upcoming years. Plus, these jobs are often GREEN!

Welder, Cutter & Welder Fitter

Median Wage:
\$36,092

2009 Employment:
1,986

2019 Employment:
1,989

Annual Openings:
61

Work Experience:
Some previous work-related skill,
knowledge, or experience is
required

Education Requirement:
High School Diploma (Usually)

Best Reemployment Opportunities:

- Electrical and Electronics Equipment Assembler
- Service Unit Operator
- Sheet Metal Worker
- Power Plant Operator

Team Assembler

Median Wage:
\$23,213

2009 Employment:
1,912

2019 Employment:
1,972

Annual Openings:
49

Work Experience:
Some previous work-related skill,
knowledge, or experience is
required

Education Requirement:
High School Diploma (Usually)

Best Reemployment Opportunities:

- Welder
- Refuse and Recyclable Material Collector
- Electrical and Electronics Equipment Assembler
- Inspector, Tester, Sorter, Sampler and Weigher

Machinist

Median Wage:
\$39,132

2009 Employment:
1,430

2019 Employment:
1,404

Annual Openings:
19

Work Experience:
Previous work-related skill,
knowledge, or experience is
required. License is required.

Education Requirement:
Training in Vocational Schools or
Associate Degree

Best Reemployment Opportunities:

- Electrical and Electronics Equipment Assembler
- Industrial Machinery Mechanic
- Service Unit Operator
- Electro-Mechanical Technician

Inspector, Tester, Sorter, Sampler, and Weigher

Median Wage:
\$31,082

2009 Employment:
1,106

2019 Employment:
1,012

Annual Openings:
19

Work Experience:
Some previous work-related skill,
knowledge, or experience is
required

Education Requirement:
High School Diploma (Usually)

Best Reemployment Opportunities:

- Welder
- Production, Planning and Expediting Clerk
- Electrical and Electronics Equipment Assembler
- Geophysical Data Technician

Water & Waste Treatment Plant & System Operator

Median Wage:
\$33,860

2009 Employment:
6,942

2019 Employment:
7,453

Annual Openings:
137

Work Experience:
Little or no previous work-related skill, knowledge, or experience is required.

Education Requirement:
May require high school diploma or GED

Best Reemployment Opportunities:

- Inspector, Tester, Sorter, Sampler and Weigher
- Power Plant Operator
- Paving, Surfacing, and Tampering Equipment Operator
- Welder



Going Green in Manufacturing

Here is some information on the “Best Reemployment Opportunities” for the five manufacturing jobs. Which jobs pay the most, which will have the most job openings, and which match your work experience and education? Are you willing to get an apprenticeship or vocational training to move into any of these jobs.

REFUSE AND RECYCLABLE MATERIAL COLLECTOR	ELECTRICAL AND ELECTRONICS EQUIPMENT ASSEMBLER	ELECTRICAL AND ELECTRONICS EQUIPMENT ASSEMBLER
<u>MEDIAN WAGE</u> \$28,024	<u>MEDIAN WAGE</u> ***	<u>MEDIAN WAGE</u> \$30,504
<u>2009 EMPLOYMENT</u> 602	<u>2009 EMPLOYMENT</u> ***	<u>2009 EMPLOYMENT</u> 584
<u>2019 EMPLOYMENT</u> 660	<u>2019 EMPLOYMENT</u> ***	<u>2019 EMPLOYMENT</u> 655
<u>ANNUAL OPENINGS</u> 24	<u>ANNUAL OPENINGS</u> ***	<u>ANNUAL OPENINGS</u> 17
<u>WORK EXP. REQUIREMENT</u> Some previous work-related skill, knowledge, or experience is required.	<u>WORK EXP. REQUIREMENT</u> Some previous work-related skill, knowledge, or experience is required.	<u>WORK EXP. REQUIREMENT</u> Some previous work-related skill, knowledge, or experience is required.
<u>EDUCATION REQUIREMENT</u> High School Diploma (Usually)	<u>EDUCATION REQUIREMENT</u> High School Diploma (Usually)	<u>EDUCATION REQUIREMENT</u> High School Diploma (Usually)

INDUSTRIAL MACHINERY MECHANIC	SHEET METAL WORKER	PRODUCTION, PLANNING, AND EXPEDITING CLERK
<u>MEDIAN WAGE</u> \$45,277	<u>MEDIAN WAGE</u> \$37,468	<u>MEDIAN WAGE</u> \$41,254
<u>2009 EMPLOYMENT</u> 971	<u>2009 EMPLOYMENT</u> 930	<u>2009 EMPLOYMENT</u> 710
<u>2019 EMPLOYMENT</u> 1,148	<u>2019 EMPLOYMENT</u> 943	<u>2019 EMPLOYMENT</u> 716
<u>ANNUAL OPENINGS</u> 32	<u>ANNUAL OPENINGS</u> 23	<u>ANNUAL OPENINGS</u> 19
<u>WORK EXP. REQUIREMENT</u> previous work-related skill, knowledge, or experience is required. License is required.	<u>WORK EXP. REQUIREMENT</u> Some previous work-related skill, knowledge, or experience is required.	<u>WORK EXP. REQUIREMENT</u> Some previous work-related skill, knowledge, or experience is required.
<u>EDUCATION REQUIREMENT</u> Training in Vocational Schools or Associate Degree	<u>EDUCATION REQUIREMENT</u> High School Diploma (Usually)	<u>EDUCATION REQUIREMENT</u> High School Diploma (Usually)

SERVICE UNIT OPERATOR	POWER PLANT OPERATOR	GEOLOGICAL TECHNICIAN	ELECTRICAL ENGINEERING TECHNICIAN
<u>MEDIAN WAGE</u> \$47,070	<u>MEDIAN WAGE</u> ***	<u>MEDIAN WAGE</u> \$39,662	<u>MEDIAN WAGE</u> \$54,009
<u>2009 EMPLOYMENT</u> 1,606	<u>2009 EMPLOYMENT</u> ***	<u>2009 EMPLOYMENT</u> 137	<u>2009 EMPLOYMENT</u> 1,449
<u>2019 EMPLOYMENT</u> 1,895	<u>2019 EMPLOYMENT</u> ***	<u>2019 EMPLOYMENT</u> 160	<u>2019 EMPLOYMENT</u> 1,579
<u>ANNUAL OPENINGS</u> 57	<u>ANNUAL OPENINGS</u> ***	<u>ANNUAL OPENINGS</u> 7	<u>ANNUAL OPENINGS</u> 40
<u>WORK EXP. REQUIREMENT</u> Some previous work-related skill, knowledge, or experience is required.	<u>WORK EXP. REQUIREMENT</u> Previous work-related skill, knowledge, or experience is required. License is required.	<u>WORK EXP. REQUIREMENT</u> Considerable amount of previous work-related skill, knowledge, or experience is required.	<u>WORK EXP. REQUIREMENT</u> Some previous work-related skill, knowledge, or experience is required.
<u>EDUCATION REQUIREMENT</u> High School Diploma (Usually)	<u>EDUCATION REQUIREMENT</u> Training in Vocational Schools or Associate Degree	<u>EDUCATION REQUIREMENT</u> Bachelor's Degree (Most Jobs)	<u>EDUCATION REQUIREMENT</u> Training in Vocational schools or Associates Degree

Going Green in Manufacturing

Here is a list of skills that are shared by many of the manufacturing jobs and reemployment opportunities we've shown. Which skills do you have? Which skills do you have that are shared by other jobs? Would you want to move into any of those jobs and what might it take to do that?

Job Skill	Inspector, Tester, Sorter, Sampler, and Weigher	Machinist	Welder, Cutter, and Welder Fitter	Industrial Machinery Mechanic	Sheet Metal Worker	Electrical and Electronics Equipment Assembler	Electro-Mechanical Technician	Power Plant Operator	Paving, Surfacing Equip. Operator	Team Assembler	Water & Liquid Waste Treatment Plant and System Operator	Production, Planning, and Expediting Clerk	Geological Technician	Service Unit Operator	Refuse & Recycling Collector
Use Hand or Power Tools	X	X	X	X	X	X	X	X	X	X	X			X	
Use Precision Measuring Tools or Equipment	X	X	X		X	X	X	X			X			X	
Fabricate, Assemble, or Disassemble Manufactured Products By Hand	X	X	X	X	X	X	X			X					
Understand Technical Operating, Service or Repair Manuals	X	X	X	X	X		X	X					X		
Read Technical Drawings	X	X	X	X	X		X	X							
Read Blueprints	X	X	X	X	X	X	X								
Examine Products or Work to Verify Conformance to Specifications	X	X	X		X	X				X		X			
Read Work order, Instructions, Formulas, or Processing Charts	X		X	X		X			X	X		X			
Adjust Production Equipment/Machinery Setup	X	X		X				X	X		X				
Monitor Production Machinery/Equipment Operation to Detect Problems	X	X	X					X	X		X				
Use Knowledge of Metric System	X	X		X		X	X						X		
Perform Safety Inspections In Industrial, Manufacturing or Repair Setting	X		X	X	X								X		
Confer With Engineering, Technical or Manufacturing Personnel		X				X				X		X		X	
Move or Fit Heavy Objects		X	X	X	X										X
Read Specifications	X	X	X	X					X						



FUEL your career

You would be surprised at what types of jobs might utilize green skills...including yours!
Here are four green categories that your job might fall under:

Renewable Energy

Producing energy using renewable resources and/or providing services that support production, storage and transmission of renewable energy

Clean Manufacturing

Manufacturing products that support green activities and/or reducing production waste and environmental impact

Energy Efficiency

Providing services that effectively reduce the demand for or use of energy services

Research, Development & Administration

Providing services that contribute to the development, support, awareness, or overall success of improved, cost efficient technologies and practices for green businesses

To begin the path to greening your career, or to find a green job near you, visit
www.greenjobs.state.nm.us

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- Training resources & information
- Job and employer information
- One-on-one assistance to help you green your career



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