



TORO Analysis of Cleaners of Vehicles and Equipment to Dishwashers

INPUT SECTION:

Transfer	Title	O*NET	Filters		
From Title:	Cleaners of Vehicles and Equipment	53-7061.00	Abilities:	Importance Level: 50	Weight: 1
To Title:	Dishwashers	35-9021.00	Skills:	Importance Level: 69	Weight: 1
Labor Market Area:	Maine Statewide		Knowledge:	Importance Level: 69	Weight: 1

OUTPUT SECTION:

Grand TORQ:		80
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Ability TORQ		Skills TORQ		Knowledge TORQ	
Level	 76	Level	 74	Level	 90

Gaps To Narrow if Possible				Upgrade These Skills				Knowledge to Add			
Ability	Level	Gap	Impt	Skill	Level	Gap	Impt	Knowledge	Level	Gap	Impt
Manual Dexterity	50	13	68	No Skills Upgrade Required!				No Knowledge Upgrades Required!			
Static Strength	39	13	50								
Finger Dexterity	34	9	53								
Arm-Hand Steadiness	37	7	59								

LEVEL and IMPT (IMPORTANCE) refer to the Target Dishwashers. GAP refers to level difference between Cleaners of Vehicles and Equipment and Dishwashers.

ASK ANALYSIS

Ability Level Comparison - Abilities with importance scores over 50

Description	Cleaners of Vehicles and Equipment	Dishwashers	Importance
Manual Dexterity	37 	50 	68 
Arm-Hand Steadiness	30 	37 	59 
Trunk Strength	41 	37 	56 
Finger Dexterity	25 	34 	53 
Multilimb Coordination	44 	39 	53 
Static Strength	26 	39 	50 

Skill Level Comparison - Abilities with importance scores over 69

Description	Cleaners of Vehicles and Equipment	Dishwashers	Importance
Knowledge Level Comparison - Knowledge with importance scores over 69			
Description	Cleaners of Vehicles and Equipment	Dishwashers	Importance

Experience & Education Comparison

Related Work Experience Comparison				Required Education Level Comparison		
Description	Cleaners of Vehicles and Equipment	Dishwashers		Description	Cleaners of Vehicles and Equipment	Dishwashers
10+ years	0%	0%		Doctoral	0%	2%
8-10 years	0%	0%		Professional Degree	0%	0%
6-8 years	0%	0%		Post-Masters Cert	0%	0%
4-6 years	28%	0%		Master's Degree	0%	0%
2-4 years	0%	0%		Post-Bachelor Cert	0%	0%
1-2 years	3%	0%		Bachelors	0%	0%
6-12 months	6%	6%		AA or Equiv	21%	0%
3-6 months	1%	0%		Some College	1%	0%
1-3 months	5%	5%		Post-Secondary Certificate	5%	0%
0-1 month	17%	20%		High School Diploma or GED	26%	39%
None	36%	66%		No HSD or GED	45%	58%

Cleaners of Vehicles and Equipment

Most Common Educational/Training Requirement:

Short-term on-the-job training

Dishwashers

Most Common Educational/Training Requirement:

Short-term on-the-job training

Job Zone Comparison

<p>1 - Job Zone One: Little or No Preparation Needed</p> <p>No previous work-related skill, knowledge, or experience is needed for these occupations. For example, a person can become a cashier even if he/she has never worked before.</p> <p>These occupations may require a high school diploma or GED certificate. Some may require a formal training course to obtain a license.</p> <p>Employees in these occupations need anywhere from a few days to a few months of training. Usually, an experienced worker could show you how to do the job.</p>	<p>1 - Job Zone One: Little or No Preparation Needed</p> <p>No previous work-related skill, knowledge, or experience is needed for these occupations. For example, a person can become a cashier even if he/she has never worked before.</p> <p>These occupations may require a high school diploma or GED certificate. Some may require a formal training course to obtain a license.</p> <p>Employees in these occupations need anywhere from a few days to a few months of training. Usually, an experienced worker could show you how to do the job.</p>
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Tasks

Cleaners of Vehicles and Equipment	Dishwashers
Core Tasks	Core Tasks
<p>Generalized Work Activities:</p> <ul style="list-style-type: none"> • Operating Vehicles, Mechanized Devices, or Equipment - Running, maneuvering, navigating, or driving vehicles or mechanized equipment, such as forklifts, passenger vehicles, aircraft, or water craft. • Inspecting Equipment, Structures, or Material - Inspecting equipment, structures, or materials to identify the 	<p>Generalized Work Activities:</p> <ul style="list-style-type: none"> • Handling and Moving Objects - Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things. • Controlling Machines and Processes - Using either control mechanisms or direct physical activity to operate machines or processes (not including computers or



- cause of errors or other problems or defects.
- Controlling Machines and Processes - Using either control mechanisms or direct physical activity to operate machines or processes (not including computers or vehicles).
 - Repairing and Maintaining Mechanical Equipment - Servicing, repairing, adjusting, and testing machines, devices, moving parts, and equipment that operate primarily on the basis of mechanical (not electronic) principles.
 - Handling and Moving Objects - Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things.

Specific Tasks

Occupation Specific Tasks:

- Apply paints, dyes, polishes, reconditioners, waxes, and masking materials to vehicles in order to preserve, protect, or restore color and condition.
- Clean and polish vehicle windows.
- Clean the plastic work inside cars, using paintbrushes.
- Collect and test samples of cleaning solutions and vapors.
- Connect hoses and lines to pumps and other equipment.
- Disassemble and reassemble machines or equipment; or remove and reattach vehicle parts and trim, using hand tools.
- Drive vehicles to and from workshops and/or customers' workplaces or homes.
- Fit boot spoilers, side skirts, and mud flaps to cars.
- Inspect parts, equipment, and vehicles for cleanliness, damage, and compliance with standards or regulations.
- Lubricate machinery, vehicles, and equipment, and perform minor repairs and adjustments, using hand tools.
- Maintain inventories of supplies.
- Mix cleaning solutions, abrasive compositions, and other compounds, according to formulas.
- Monitor operation of cleaning machines, and stop machines or notify supervisors when malfunctions occur.
- Pre-soak or rinse machine parts, equipment, or vehicles by immersing objects in cleaning solutions or water, manually or using hoists.
- Press buttons to activate cleaning equipment or machines.
- Rinse objects and place them on drying racks; or use cloth, squeegees, or air compressors to dry surfaces.
- Scrub, scrape, or spray machine parts, equipment, or vehicles, using scrapers,

vehicles).

- Monitor Processes, Materials, or Surroundings - Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems.
- Performing General Physical Activities - Performing physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials.
- Getting Information - Observing, receiving, and otherwise obtaining information from all relevant sources.

Specific Tasks

Occupation Specific Tasks:

- Clean and prepare various foods for cooking or serving.
- Clean garbage cans with water or steam.
- Load or unload trucks that deliver or pick up food and supplies.
- Maintain kitchen work areas, equipment, and utensils in clean and orderly condition.
- Place clean dishes, utensils, and cooking equipment in storage areas.
- Prepare and package individual place settings.
- Receive and store supplies.
- Set up banquet tables.
- Sort and remove trash, placing it in designated pickup areas.
- Stock supplies such as food and utensils in serving stations, cupboards, refrigerators, and salad bars.
- Sweep and scrub floors.
- Transfer supplies and equipment between storage and work areas, by hand or using hand trucks.
- Wash dishes, glassware, flatware, pots, and/or pans using dishwashers or by hand.

Detailed Tasks

Detailed Work Activities:

- arrange decorations or furniture for banquets or social functions
- clean equipment or machinery
- clean rooms or work areas
- load, unload, or stack containers, materials, or products
- operate food preparation equipment
- perform a variety of food preparation duties other than cooking
- prepare appetizers, salads, or cold dishes
- replenish supplies of food, tableware or linen
- retrieve or place goods from/into storage
- stock or organize goods



brushes, cloths, cleaners, disinfectants, insecticides, acid, abrasives, vacuums, and hoses.

- Sweep, shovel, or vacuum loose debris and salvageable scrap into containers; and remove containers from work areas.
- Transport materials, equipment, or supplies to and from work areas, using carts or hoists.
- Turn valves or disconnect hoses in order to eliminate water, cleaning solutions, or vapors from machinery or tanks.
- Turn valves or handles on equipment in order to regulate pressure and flow of water, air, steam, or abrasives from sprayer nozzles.

Detailed Tasks

Detailed Work Activities:

- apply cleaning solvents
- clean equipment or machinery
- collect samples for testing
- evaluate equipment for compliance with standards
- examine equipment to detect disrepair
- inspect equipment or vehicles for cleanliness or damage
- load, unload, or stack containers, materials, or products
- lubricate machinery, equipment, or parts
- maintain inventory of supplies
- maintain or repair cargo or passenger vehicle
- maintain production or work records
- maintain records, reports, or files
- make minor repairs to mechanical equipment
- mix paint, ingredients, or chemicals, according to specifications
- monitor equipment or machine operation to detect problems
- move or fit heavy objects
- operate cleaning equipment
- operate hoist, winch, or hydraulic boom
- requisition stock, materials, supplies or equipment
- use hand or power tools
- use two-way radio or mobile phone

- understand government health, hotel or food service regulations
- use knives
- use knowledge of food handling rules
- wash dishes, glassware, or related utensils

Tools - Examples

- Automatic dishwashing systems
- Drain racks
- Funnels
- Trash compactors
- Handtrucks
- Digital thermometers
- Electric pallet lifters
- Temperature indicator strips
- Dish-cleaning brushes
- Cleaning mops

Labor Market Comparison

Description	Cleaners of Vehicles and Equipment	Dishwashers	Difference
Median Wage	\$ 20,080	\$ 17,200	\$(2,880)



10th Percentile Wage	\$ 15,160	\$ 14,790	\$(370)
25th Percentile Wage	N/A	N/A	N/A
75th Percentile Wage	\$ 24,560	\$ 19,240	\$(5,320)
90th Percentile Wage	\$ 29,230	\$ 21,620	\$(7,610)
Mean Wage	\$ 21,240	\$ 17,580	\$(3,660)
Total Employment - 2007	1,040	2,600	1,560
Employment Base - 2006	1,114	2,668	1,554
Projected Employment - 2016	1,102	2,839	1,737
Projected Job Growth - 2006-2016	-1.1 %	6.4 %	7.5 %
Projected Annual Openings - 2006-2016	43	126	83

National Job Posting Trends

Trend for Cleaners of Vehicles and Equipment

Trend for Dishwashers



Data from [Indeed](http://Indeed.com)

Recommended Programs

Kitchen Personnel/Cook and Assistant Training

Food Preparation/Professional Cooking/Kitchen Assistant. A program that prepares individuals to serve under the supervision of chefs and other food service professionals as kitchen support staff and commercial food preparation workers. Includes instruction in kitchen organization and operations, sanitation and quality control, basic food preparation and cooking skills, kitchen and kitchen equipment maintenance, and quantity food measurement and monitoring.

No schools available for the program

Maine Statewide Promotion Opportunities for Cleaners of Vehicles and Equipment



O* NET Code	Title	Grand TORQ	Job Zone	Employment	Median Wage	Difference	Growth	Annual Job Openings
53-7061.00	Cleaners of Vehicles and Equipment	100	1	1,040	\$20,080.00	\$0.00	-1%	43
37-2011.00	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	82	1	9,170	\$23,520.00	\$3,440.00	5%	241
51-6021.00	Pressers, Textile, Garment, and Related Materials	82	1	130	\$20,910.00	\$830.00	-12%	1
37-3011.00	Landscaping and Groundskeeping Workers	81	1	4,040	\$24,450.00	\$4,370.00	12%	130
45-4022.00	Logging Equipment Operators	80	1	1,390	\$29,280.00	\$9,200.00	4%	46
53-7081.00	Refuse and Recyclable Material Collectors	80	2	930	\$22,780.00	\$2,700.00	1%	37
51-9198.00	Helpers--Production Workers	79	1	1,490	\$22,260.00	\$2,180.00	-10%	37
51-6041.00	Shoe and Leather Workers and Repairers	79	2	90	\$25,030.00	\$4,950.00	-19%	3
51-6031.00	Sewing Machine Operators	78	1	1,080	\$22,440.00	\$2,360.00	-8%	10
51-4193.00	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	77	2	120	\$32,160.00	\$12,080.00	16%	5
51-9192.00	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	77	1	40	\$22,640.00	\$2,560.00	-31%	2
37-3012.00	Pesticide Handlers, Sprayers, and Applicators, Vegetation	77	2	0	\$23,490.00	\$3,410.00	5%	4
47-2061.00	Construction Laborers	77	2	3,020	\$26,660.00	\$6,580.00	5%	46
51-2092.00	Team Assemblers	77	2	3,850	\$23,730.00	\$3,650.00	-7%	82
53-7062.00	Laborers and Freight, Stock, and Material Movers, Hand	77	2	8,320	\$22,130.00	\$2,050.00	-2%	274

Top Industries for Dishwashers



Industry	NAICS	% in Industry	Employment	Projected Employment	% Change
Full-service restaurants	722100	62.64%	324,093	356,492	10.00%
Limited-service eating places	722200	9.92%	51,345	50,365	-1.91%
Special food services	722300	4.48%	23,199	26,820	15.61%
Nursing care facilities	623100	1.91%	9,869	10,725	8.68%
Community care facilities for the elderly	623300	1.86%	9,612	14,686	52.78%
Casino hotels	721120	1.31%	6,771	8,043	18.78%
Drinking places (alcoholic beverages)	722400	1.23%	6,343	5,845	-7.86%
Employment services	561300	1.16%	5,986	7,576	26.56%
Religious organizations	813100	0.87%	4,485	5,383	20.01%
Fitness and recreational sports centers	713940	0.82%	4,223	5,626	33.24%
Elementary and secondary schools, public and private	611100	0.70%	3,610	3,805	5.38%
Civic and social organizations	813400	0.68%	3,508	3,877	10.53%
Grocery stores	445100	0.56%	2,902	3,166	9.11%
Gasoline stations	447100	0.54%	2,811	2,517	-10.48%
Local government, excluding education and hospitals	939300	0.47%	2,408	2,705	12.34%

Top Industries for Cleaners of Vehicles and Equipment

Industry	NAICS	% in Industry	Employment	Projected Employment	% Change
Other automotive repair and maintenance	811190	32.07%	118,076	151,903	28.65%
Automobile dealers	441100	21.93%	80,745	83,355	3.23%
Automotive equipment rental and leasing	532100	6.51%	23,970	27,197	13.47%
Self-employed workers, primary job	000601	6.45%	23,733	25,284	6.54%
Automotive body, paint, interior, and glass repair	811120	3.01%	11,067	12,922	16.76%
Animal slaughtering and processing	311600	2.43%	8,959	9,110	1.69%
Gasoline stations	447100	1.93%	7,121	6,375	-10.48%
Other motor vehicle dealers	441200	1.49%	5,479	7,343	34.01%
Grocery and related product wholesalers	424400	1.13%	4,160	4,548	9.35%
Employment services	561300	1.01%	3,709	4,694	26.56%
Self-employed workers, secondary job	000602	0.95%	3,514	3,498	-0.45%
Motor vehicle and motor vehicle parts and supplies merchant wholesalers	423100	0.92%	3,399	3,879	14.14%
Scheduled air transportation	481100	0.89%	3,272	3,613	10.41%

Fruit and vegetable preserving and specialty food manufacturing	311400	0.86%	3,150	2,856	-9.33%
Other food manufacturing	311900	0.83%	3,054	3,203	4.85%