

**Community Trades Map Sub-Committee  
Analysis of Local Trade Demand, Labour Supply and Training Capacity**

District of Algoma Trade Examination Data (April 2016)														District of Algoma JourneyPersons and Apprentices (April 2016)																				
Trade Name	Trade Code	NOC Code	Sector	Classification	CofQ Exam	Red Seal	Ratios Apply (OOOT)	Total Appr Examinees	Total Appr Attempts	Total Appr Passed	Total Appr Passed 1st Attempt	Total Appr Passed 2nd Attempt	Total Appr Passed 3rd Attempt	Total Active JP TQ's	Total TQ Examinees	Total TQ Attempts	Total TQ Passed	Total TQ Passed 1st Attempt	Total TQ Passed 2nd Attempt	Total TQ Passed 3rd Attempt	JP Male	JP Female	Oldest	Youngest	JP Median Age Apr 2016	JP Mean Age Apr 2016	JP's District of Algoma Apr 2016	Appr's District of Algoma Apr 2016	Appr Mean Age Apr 2016	Appr Median Age Apr 2016	Youngest	Oldest	Appr Female	Appr Male
Electrician - Construction and Maintenance	309A		Construction	Compulsory	Yes	✓	1:1,1:1,1:1,1:1,1:3,1:6,1:3:1	96	127	85	69	10		10	23	65	22	10	3		393	2	83	25	53	50	395	106	27.5	25	16	65	5	101
Plumber	306A		Construction	Compulsory	Yes	✓	1:1, 2:1	44	74	38	29	3	3	6	5	8	3		3		140	1	91	24	49	48	141	39	27.1	24	18	55	0	39
Steamfitter	307A		Construction	Compulsory	Yes	✓	1:1, 2:1	20	37	17	12	3		5	6	8	4	2	2		108	0	83	27	58	55	108	8	32.3	33	24	45	0	8
Hoisting Engineer - Mobile Crane Operator 1	339A		Construction	Compulsory	Yes	✓	1:1	9	9	9	9			1							80	0	84	24	58	55.2	80	14	34.2	33	22	50	0	14
Refrigeration and Air Conditioning Systems Mechanic	313A		Construction	Compulsory	Yes	✓	1:1, 2:1	9	9	9	9			3	5	10	5		5		48	0	66	25	50	47.7	48	17	27.4	27	21	44	0	17
Sheet Metal Worker	308A		Construction	Compulsory	Yes	✓	1:1,3:1,3:1,2:1	9	9	9	9			2	3	3	3	3			47	0	76	23	48	48.7	47	16	26.6	25.5	19	41	0	16
Hoisting Engineer - Mobile Crane Operator 2	339C		Construction	Compulsory	Yes		1:1							2	3	4	3	2	1		22	0	74	22	51	51.8	22	1	24	24	24	24	0	1
Hoisting Engineer - Tower Crane Operator	339B		Construction	Compulsory	Yes	✓	1:1							1	3	3	3	3			20	0	74	29	63	61.5	20							
Residential Air Conditioning Systems Mechanic	313D		Construction	Compulsory	Yes		1:1, 2:1														17	0	65	34	48	49.8	17	4	28.5	29.5	20	35	0	4
General Carpenter	403A		Construction	Voluntary	Yes	✓	1:1, 3:1	57	84	37	28	9		2	10	18	7	6	1		12	0	50	23	31.5	32.8	12	51	25.1	25	17	40	0	51
Electrician - Domestic and Rural (residential)	309C		Construction	Compulsory	Yes		1:1,1:1,1:1,1:1,1:3,1:5,1:2,1														5	0	73	49	70	63.2	5							
Powerline Technician	434A		Construction	Voluntary	Yes	✓	1:1	34	34	34	34				3	3	3	3			5	0	31	25	27	27.2	5	13	26	25	19	40	0	13
Construction Millwright	426A		Construction	Voluntary	Yes		1:1, 3:1	9	9	6	6										2	0	29	27	28	28	2	1	30	30	30	30	0	1
Heavy Equipment Operator -Excavator	636B		Construction	Voluntary	No									1							2	0	51	31	41	41	2	1	27	27	27	27	0	1
Residential (Low Rise) Sheet Metal Installer	308R		Construction	Compulsory	Yes		1:1, 3:1														2	0	59	46	52.5	52.5	2							
Architectural Glass and Metal Technician	424A		Construction	Voluntary	Yes	✓	1:1, 2:1	3	3	3	3										1	0	27	27	27	27	1	6	35.5	35	21	51	0	6
Brick and Stone Mason	401A		Construction	Voluntary	Yes	✓	1:1, 2:1	24	30	9	6	3									1	0	27	27	27	27	1	12	28.2	26.5	22	41	0	12
Ironworker - Structural and Ornamental	420A		Construction	Voluntary	Yes	✓	1:1, 2:1	12	16	4	4			1							1	0	51	51	51	51	1	17	33.4	28	23	54	1	16
Reinforcing Rodworker	452A		Construction	Voluntary	Yes	✓	1:1, 2:1	3	3	3	3										1	0	26	26	26	26	1							
Sprinkler and Fire Protection Installer	427A		Construction	Voluntary	Yes	✓	1:1	2	2	2	2										1	0	30	30	30	30	1	1	38	38	38	38	0	1
Cement (Concrete) Finisher	244G		Construction	Voluntary	No		1:1,1:1,3:1																											
Concrete Pump Operator	637C		Construction	Voluntary	No																							1	27	27	27	27	0	1
Construction Boilermaker	428A		Construction	Voluntary	Yes	✓	1:1, 3:1	6	6	6	6																4	23.3	23.5	21	25	0	4	
Construction Craft Worker	450A		Construction	Voluntary	Yes	✓																												
Drywall Finisher and Plasterer	453A		Construction	Voluntary	Yes	✓	1:1, 3:1																					1	55	55	55	55	1	0
Drywall, Acoustic and Lathing Applicator	451A		Construction	Voluntary	Yes	✓	1:1, 4:1																					4	32.3	34	19	42	0	4
Exterior Insulated Finish Systems Mechanic	455A		Construction	Voluntary	No																													
Floor Covering Installer	448A		Construction	Voluntary	Yes	✓	2:1																											
Hazardous Materials Worker	253H		Construction	Voluntary	Yes																													
Heat and Frost Insulator	253A		Construction	Voluntary	No		1:1, 3:1																					1	33	33	33	33	0	1
Heavy Equipment Operator -Dozer	636C		Construction	Voluntary	No																													
Heavy Equipment Operator -Tractor Loader Backhoe	636A		Construction	Voluntary	No																													
Ironworker - Generalist	420B		Construction	Voluntary	Yes	✓	1:1, 2:1							1																				
Native Residential Construction Worker	296A		Construction	Voluntary	No																							1	32	32	32	32	0	1
Painter and Decorator - Commercial and Residential	404C		Construction	Voluntary	Yes	✓	1:1,1:1,3:1																											

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Painter and Decorator - Industrial	404D		Construction	Voluntary	Yes		1:1,1:1,3:1																													
Precast Concrete Erector	244K		Construction	Voluntary	No		1:1, 3:1																													
Precast Concrete Finisher	244L		Construction	Voluntary	No		1:1, 3:1																													
Refractory Mason	401R		Construction	Voluntary	No																															
Restoration Mason	244H		Construction	Voluntary	No		1:1, 2:1																													
Roofer	449A		Construction	Voluntary	Yes	✓	1:1, 2:1																													
Terrazzo, Tile and Marble Setter	241A		Construction	Voluntary	Yes	✓	1:1, 2:1																													
Industrial Electrician	442A		Industrial	Voluntary	Yes	✓		53	78	50	40	4		4	10	12	8	8			27	0	65	24	38	41.6	27	35	30.6	28	22	48	1	34		

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Industrial Mechanic Millwright	433A		Industrial	Voluntary	Yes	✓		73	95	46	33	9	4	2	2	4	1		1		25	0	71	22	42	42.6	25	46	33.2	32	21	52	1	45			
Welder	456A		Industrial	Voluntary	Yes	✓		4	7					5	5	17	5	2			7	0	58	25	38	39.6	7	5	24.2	23	19	31	0	5			
Instrumentation and Control Technician	447A		Industrial	Voluntary	Yes	✓								1	1	1	1	1			5	0	58	30	43	43.4	5	3	34.3	37	29	37	0	3			
Metal Fabricator (Fitter)	437A		Industrial	Voluntary	Yes	✓		16	22	12	9		3		1	1	1	1			4	0	47	31	37	38	4	16	24.4	22	19	38	0	16			
General Machinist	429A		Industrial	Voluntary	Yes	✓		8	12	6	6				1	1					3	0	50	26	39	38.3	3	6	24.3	21.5	19	41	1	5			
Tool and Die Maker	430A		Industrial	Voluntary	Yes	✓															1	0	39	39	39	39	1										
Bearings Mechanic	615A		Industrial	Voluntary	No																																
Blacksmith	600P		Industrial	Voluntary	No																																
Cabinetmaker	438A		Industrial	Voluntary	Yes	✓																															
Computer Numerical Control (CNC) Programmer	670C		Industrial	Voluntary	No																																
Composite Structures Technician	267G		Industrial	Voluntary	No																																
Die Designer	670D		Industrial	Voluntary	No																																
Draftsperson – Mechanical	614A		Industrial	Voluntary	No																																
Draftsperson - Plastic Mould Design	614B		Industrial	Voluntary	No																																
Draftsperson - Tool and Die Design	614C		Industrial	Voluntary	No																																
Electric Motor System Technician	446A		Industrial	Voluntary	Yes	✓																						1	42	42	42	42	0	1			
Electrical Control (Machine) Builder	617A		Industrial	Voluntary	No																																
Electrician (Signal Maintenance)	289		Industrial	Voluntary	No																																
Elevating Devices Mechanic	636E		Industrial	Voluntary	No																																
Entertainment Industry Power Technician	269E		Industrial	Voluntary	Yes																																
Facilities Mechanic	255W		Industrial	Voluntary	Yes																																
Facilities Technician	255B		Industrial	Voluntary	Yes																																
Fitter – Assembler (Motor Assembly)	661H		Industrial	Voluntary	No																																
Hydraulic/Pneumatic Mechanic	277Z		Industrial	Voluntary	No																																
Light Rail Overhead Contact Systems Linesperson	207S		Industrial	Voluntary	No																																
Locksmith	259L		Industrial	Voluntary	No																																
Machine Tool Builder and Integrator	430M		Industrial	Voluntary	Yes																																
Mould Designer	670E		Industrial	Voluntary	No																																
Mould Maker	431A		Industrial	Voluntary	Yes																																
Mould or Die Finisher	277M		Industrial	Voluntary	No																																
Optics Technician (Lens and Prism Maker)	225A		Industrial	Voluntary	No																																
Packaging Machine Mechanic	609C		Industrial	Voluntary	No																																
Pattern Maker	443A		Industrial	Voluntary	Yes																																
Precision Metal Fabricator	200G		Industrial	Voluntary	No																																
Pressure Systems Welder	456P		Industrial	Voluntary	Yes																																
Process Operator - Food Manufacturing	246T		Industrial	Voluntary	No																																
Process Operator - Power	246R		Industrial	Voluntary	No																																

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Process Operator - Refinery, Chemical and Liquid Processes	246		Industrial	Voluntary	No																																	
Process Operator - Wood Products	246W		Industrial	Voluntary	No																																	
Pump Systems Installer	263		Industrial	Voluntary	No																																	
Railway Car Technician	268R		Industrial	Voluntary	Yes																						1	24	24	24	24	0	1					
Relay and Instrumentation Technician	288R		Industrial	Voluntary	No																																	
Roll Grinder/Turner	602H		Industrial	Voluntary	No																																	
Saw Filer/Fitter	611B		Industrial	Voluntary	No																																	
Ski Lift Mechanic	297A		Industrial	Voluntary	No																																	
Surface Blaster	278B		Industrial	Voluntary	Yes																																	
Surface Mount Assembler	630B		Industrial	Voluntary	No																																	
Thin Film Technician	225		Industrial	Voluntary	No																																	
Tool and Cutter Grinder	602C		Industrial	Voluntary	No																																	
Tool and Gauge Inspector	239B		Industrial	Voluntary	No																																	
Tool/Tooling Maker	630T		Industrial	Voluntary	Yes																																	
Tractor-Trailer Commercial Driver	638A		Industrial	Voluntary	No																						2	64	64	60	68	1	1					
Water Well Driller	605B		Industrial	Voluntary	No																																	

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Automotive Service Technician	310S		Motive Power	Compulsory	Yes	✓		47	52	38	38			6	9	13	8	6	2		520	2	83	23	52	51.1	522	99	28.5	25	17	57	3	96
Truck and Coach Technician	310T		Motive Power	Compulsory	Yes	✓		42	88	27	23		2	1	3	3	1	1			414	0	80	21	54	52.9	414	59	26.8	23	18	53	1	58
Auto Body and Collision Damage Repairer	310B		Motive Power	Compulsory	Yes	✓		7	19	7	4			3	3	5	3	2		1	61	1	79	24	53	52.7	62	12	39.8	36	21	63	3	9
Heavy Duty Equipment Technician	421A		Motive Power	Voluntary	Yes	✓		28	28	25	25			7	11	17	9	8			25	0	66	21	40	39.4	25	29	24.8	23	18	43	0	29
Motorcycle Technician	310G		Motive Power	Compulsory	Yes	✓		3	3	3	3										11	0	77	24	61	57.5	11	1	29	29	29	29	0	1
Alignment and Brakes Technician	310E		Motive Power	Compulsory	Yes																8	0	60	45	53.5	53.4	8							
Transmission Technician	310D		Motive Power	Compulsory	Yes																6	0	53	38	45.5	45.3	6							
Auto Body Repairer	310Q		Motive Power	Compulsory	Yes			6	6	3	3				1	1	1	1			4	0	55	31	50	46.5	4	1	38	38	38	38	0	1
Automotive Electronic Accessory Technician	310K		Motive Power	Compulsory	Yes			3	3	3	3										3	0	59	24	58	47	3	3	46.7	50	38	52	1	2
Powered Lift Truck Technician	282E		Motive Power	Voluntary	Yes																2	0	58	40	49	49	2	1	23	23	23	23	0	1
Automotive Painter	410N		Motive Power	Voluntary	Yes	✓															1	0	50	50	50	50	1	1	25	25	25	25	0	1
Agricultural Equipment Technician	425A		Motive Power	Voluntary	Yes	✓																												
Automotive Glass Technician	274L		Motive Power	Voluntary	No																													
Fuel and Electrical Systems Technician	310C		Motive Power	Compulsory	No																													
Marine Engine Technician	435B		Motive Power	Voluntary	Yes																							5	35.6	39	18	54	0	5
Motive Power Machinist	410K		Motive Power	Voluntary	Yes																													
Recreation Vehicle Technician	690H		Motive Power	Voluntary	Yes	✓																												
Small Engine Technician	435A		Motive Power	Voluntary	Yes			9	15	6	3	3																5	35.6	39	18	54	0	5
Tire, Wheel and Rim Mechanic	295A		Motive Power	Voluntary	No																													
Truck-Trailer Service Technician	310J		Motive Power	Compulsory	Yes	✓																												
Turf Equipment Technician	421C		Motive Power	Voluntary	No																													

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Hairstylist	332A		Service	Compulsory	Yes			75	88	65	65			3	6	6	6	6			85	231	83	20	51	48.4	316	34	27.7	26	18	49	34	0		
Utility Arborist	444B		Service	Voluntary	Yes			40	43	40	37	3		3	10	10	10	10			17	1	52	23	37	34.9	18	35	31.6	29	18	55	3	32		
Child Development Practitioner	620C		Service	Voluntary	No									1							0	3	55	29	32	38.7	3	30	32	29	19	50	30	0		
Cook	415A		Service	Voluntary	Yes	✓		11	17	3		3									2	0	58	29	43.5	43.5	2	13	24.9	19	18	52	8	5		
Arborist	444A		Service	Voluntary	Yes																1	0	30	30	30	30	1									
Baker-Patisier	423C		Service	Voluntary	Yes	✓															1	0	58	58	58	58	1									
Information Technology - Contact Centre Customer Service Agent	634E		Service	Voluntary	No																1	0	50	50	50	50	1	5	44.6	44	32	61	4	1		
Information Technology - Contact Centre Sales Agent	634D		Service	Voluntary	No																0	1	37	37	37	37	1	2	42	42	32	52	1	1		
Network Cabling Specialist	631A		Service	Voluntary	Yes			3	3	3	3										1	0	26	26	26	26	1	1	28	28	28	28	0	1		
Parts Technician	240P		Service	Voluntary	Yes	✓															1	0	58	58	58	58	1	3	44.7	52	24	58	2	1		
Retail Meat Cutter	245R		Service	Voluntary	No																1	0	33	33	33	33	1	2	28	28	28	28	1	1		
Aboriginal Child Development Practitioner	620B		Service	Voluntary	No																															
Agricultural - Dairy Herdsperson	640D		Service	Voluntary	No																															
Agricultural - Fruit Grower	640		Service	Voluntary	No																															
Agricultural - Swine Herdsperson	640S		Service	Voluntary	No																															
Appliance Service Technician	445A		Service	Voluntary	Yes	✓																														
Baker	423A		Service	Voluntary	No																															
Chef	415C		Service	Voluntary	No																															
Child and Youth Worker	620A		Service	Voluntary	No																															
Cook-Assistant	415B		Service	Voluntary	No																															
Cook - Institutional	415D		Service	Voluntary	Yes																															
Developmental Services Worker	620D		Service	Voluntary	No																															
Educational Assistant	620E		Service	Voluntary	No																							2	42.5	42.5	42	43	2	0		
Electronic Service Technician	416E		Service	Voluntary	No	✓																														
Gemsetter/Goldsmith	606G		Service	Voluntary	No																							3	26	26	23	29	1	2		
Hardware, Lumber and Building Materials Retailer	606W		Service	Voluntary	No																															
Horse Groom	600H		Service	Voluntary	No																															
Horse Harness Maker	219D		Service	Voluntary	No																															
Horticultural Technician	441C		Service	Voluntary	Yes	✓																														
Information Technology - Contact Centre Technical Support Agent	634A		Service	Voluntary	No																							3	38	34	30	50	1	2		
Information Technology - Hardware Technician	634B		Service	Voluntary	No																															
Information Technology - Network Technician	634C		Service	Voluntary	No																															
Micro Electronics Manufacturer	630A		Service	Voluntary	No																															
Native Clothing and Crafts Artisan	296B		Service	Voluntary	No																															
Pool, Hot Tub and Spa - Installer	237T		Service	Voluntary	No																															
Pool, Hot Tub and Spa - Service Technician	237S		Service	Voluntary	No																															
Saddlery	219C		Service	Voluntary	No																															

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Special Events Coordinator	297B		Service	Voluntary	No																														
Wooden Boat Rebuilder	211W		Service	Voluntary	No																														