

Appendix A

WORK PROCESS SCHEDULE INDUSTRIAL MAINTENANCE MECHANIC O*NET-SOC CODE: 49-9041.00 RAPIDS CODE: 0308/0308HY

This schedule is attached to and a part of these Standards for the above identified occupation.

1. TERM OF APPRENTICESHIP

The term of the occupation shall be three (3) or four (4) years with an OJL attainment of a minimum of 3,900 or 5,200 hours supplemented by the required hours of related instruction.

2. RATIO OF APPRENTICES TO JOURNEYWORKERS

(INSERT RATIO HERE) as covered in the CBA.

3. APPRENTICE WAGE SCHEDULE

Apprentices shall be paid a progressively increasing schedule of wages based on a percentage of the current journeyworker wage rate or as per the CBA.

(FILL IN RATES)

3-year Program

1 st 6 months and 650 hours	___%	2 nd 6 months and 650 hours	___%
3 rd 6 months and 650 hours	___%	4 th 6 months and 650 hours	___%
5 th 6 months and 650 hours	___%	6 th 6 months and 650 hours	___%

4-year Program

1 st 6 months and 650 hours	___%	2 nd 6 months and 650 hours	___%
3 rd 6 months and 650 hours	___%	4 th 6 months and 650 hours	___%
5 th 6 months and 650 hours	___%	6 th 6 months and 650 hours	___%
7 th 6 months and 650 hours	___%	8 th 6 months and 650 hours	___%

4. SCHEDULE OF WORK EXPERIENCE (See attached Work Process Schedule)

The JATC may modify the work processes to meet local needs prior to submitting these Standards to the appropriate Registration Agency for approval.

5. SCHEDULE OF RELATED INSTRUCTION (See attached Related Instruction Outline)

The JATC may modify the related instruction to meet local needs prior to submitting these Standards to the appropriate Registration Agency for approval.

**WORK PROCESS SCHEDULE
INDUSTRIAL MAINTENANCE MECHANIC
O*NET-SOC CODE: 49-9041.00 RAPIDS CODE: 0308/0308 HY**

The following schedule is an example of work experience (OJL) and training considered necessary to develop a skilled and productive worker in the Industrial Maintenance Mechanic trade. Within the limits of basic trade requirements, the schedule is adaptable to local conditions.

3-Year Program

	Approximate Hours		
Core Skills	325	-	500
Lubrication & Inspection	1000	-	1600
Maintenance & Repair	1000	-	1600
Advanced Manufacturing & Robotics	600	-	1100
Supplemental Skills	975	-	1200
Total	3,900	-	6,000

4-Year Program

	Approximate Hours		
Core Skills	325	-	500
Lubrication & Inspection	1300	-	2000
Maintenance & Repair	1300	-	2000
Advanced Manufacturing & Robotics	1300	-	2000
Supplemental Skills	975	-	1,500
Total	5,200	-	8,000

RELATED INSTRUCTION OUTLINE
INDUSTRIAL MAINTENANCE MECHANIC
O*NET-SOC CODE: 49-9041.00 RAPIDS CODE: 0308/0308HY

Related instruction - This instruction shall include, but not be limited to:
 Using the following training matrix, local JATCs can design a flexible training program to meet the needs of our local industries while at the same time providing apprentices the opportunity to complete their apprenticeship.

Core Skills	Lubrication and Inspection	Maintenance and Repair	Advanced Manufacturing and Robotics	Supplemental Skills
Introduction to Industry	Lubricants and Lubrication Systems	Mechanical Power Transmission	Mechanical Drives	Metal Fabrication
OSHA 10-Hour	Sealants and Gaskets	Hydraulic and Pneumatic Systems	Fluid and Pneumatic Power Systems	Oxygen-Acetylene Cutting
CPR/First Aid/AED	Shafts	Compressors	Electrical Systems	Basic SMAW Welding
Math for the Trades	Bearings	Industrial Belting	Motorized and PLC Controls	Basic GMAW Welding
Construction Fall Protection	Gearboxes	Machinery Alignment	Robotics	Basic GTAW Welding
Hand and Power Tools	Mechanical Seals	Laser Shaft Alignment		Basic GMAW Welding
Safety Data Sheets	Inspection Criteria	Advanced Optical Alignment		Basic GMAW Welding
Mechanical Print Reading	Troubleshooting and Analysis			Scaffold User
Green Awareness	Maintenance Reports			
Diversity Training				
Optional Instruction				
MW 16-hour Safety Course		Pump Repair Technician Level 1	Vibration Analysis	UBC Rigging & Signaler Qualification Certificate
Ergonomics		MOV Repair		Powered Industrial Truck Operator Qualification
Human Performance				Aerial Lift Qualification
				Scaffold Erector Qualification
				Certified SMAW
				Certified GMAW
				Certified FCAW
				Certified GTAW

TOTAL MINIMUM HOURS: 3-Year Program 3,900; 4-year Program 5,200 hours