**Maintenance Technician**

**APPRENTICESHIP APPROACH**

Time

**O\*NET-SOC CODE**

49-9041.00

**RAPIDS CODE**

0308

|  |  |  |
| --- | --- | --- |
| Work Process Schedule |  |  |
| **Totals** |  | **OJT HRS**0 |

**Maintenance Technician**

**APPRENTICESHIP APPROACH**

Time

**O\*NET-SOC CODE**

49-9041.00

**RAPIDS CODE**

0308

|  |  |
| --- | --- |
| Related Instruction Online | **RSI HRS** |
| **Industrial Maintenance Academy: Course Outline**1. Foundational SkillsA. Technical/applied mathB. Technical/applied physicsC. Technical/applied measurement systemsD. Soft skills2. Maintenance OrientationA. Introduction to standards, best practices, benchmarking andregulationsB. Hand toolsC. Power toolsD. Shop tools/machineryE. Ladders and tools at heightF. Personal protective equipmentG. Introduction to basic blueprint reading3. Maintenance: Foundation and BasicsA. RiggingB. Crane and hoistC. ScaffoldingD. ForkliftsE. Precision measurementF. Torque theoryG. Fasteners/anchorsH. ChemicalsI. BearingsJ. Gaskets4. Core CompetenciesA. ElectricityB. HydraulicsC. PneumaticsD. MechanicalE. Instrumentation/sensorsF. MachiningG. Sheet metalH. Lubrication5. Industrial SafetyA. OSHA 10B. First aid, CPR and AEDC. Fall protectionD. Confined spacesE. Hazard communication standards and globally harmonizedsystemF. Lockout/tagoutG. Machine guarding6. Industrial SystemsA. Piping/valvesB. PumpsC. BoilersD. CompressorsE. ConveyorsF. MotorsG. GearboxesH. Variable frequency drivesI. RefrigerationJ. Engines/generators7. Maintenance OperationsA. Preventative/predictiveB. Management (TPM, CBM, ODM, etc.)C. Visual management - 5SD. ReactiveE. AlignmentF. Test equipmentG. ThermographyH. VibrationI. UltrasoundJ. TroubleshootingK. Introduction to automationL. Introduction to PLCM. Introduction to mechatronicsN. Scheduling, planning and coordinationO. Inventory/warehouse operations and management | **330** |
| **Totals** | **RSI HRS**330 |