**Heavy Duty Equipment Technician**

**APPRENTICESHIP APPROACH**

Hybrid

**O\*NET-SOC CODE**

49-3042.00

**RAPIDS CODE**

0299

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

**Heavy Duty Equipment Technician**

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**RAPIDS CODE**

0299

|  |  |
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| Related Instruction Online | **RSI HRS** |
| **Ascendum Orientation and Introduction**  Level I Course Outline | **4** |
| **Volvo Core Values**  Level I Course Outline | **1** |
| **Welcome to Veida**  Level I Course Outline | **1** |
| **Work & Life Balance**  Level I Course Outline | **1** |
| **Calibrated Measuring Devices**  Level I Course Outline | **4** |
| **Digital Multi-Meter**  Level I Course Outline | **4** |
| **Electrical Safety**  Level I Course Outline | **6** |
| **Warranty**  Level I Course Outline | **2** |
| **Electrical Basics**  Level I Course Outline | **6** |
| **Technical Writing**  Level I Course Outline | **2** |
| **Team Work and Team Building**  Level I Course Outline | **4** |
| **Assertiveness and Self-Confidence**  Level I Course Outline | **0** |
| **Compressed Gases**  Level I Course Outline | **2** |
| **Volvo Wheel Loader Cribbing**  Level I Course Outline | **2** |
| **Volvo Articulated Hauler Cribbing**  Level I Course Outline | **2** |
| **Volvo Soil Compactor Cribbing**  Level I Course Outline | **2** |
| **Volvo Compact Excavator Cribbing**  Level I Course Outline | **2** |
| **Hoisting and Rigging**  Level I Course Outline | **8** |
| **Borescope**  Level I Course Outline | **4** |
| **Insulation Resistance Testing**  Level I Course Outline | **4** |
| **Crane Operator**  Level I Course Outline | **4** |
| **5s**  Level I Course Outline | **1** |
| **Critical Thinking**  Level I Course Outline | **1** |
| **Creative Problem Solving**  Level I Course Outline | **2** |
| **Air Conditioning**  Level I Course Outline | **8** |
| **Basic Hydraulics**  Level I Course Outline | **8** |
| **Electrical Schematics**  Level I Course Outline | **4** |
| **Tech Tool Lessons**  Level I Course Outline | **6** |
| **Sandvik Dills**  Level I Course Outline | **2** |
| **Troubleshooting 101**  Level I Course Outline | **2** |
| **Electrical Troubleshooting/Hands-on Simulator #1**  Level I Course Outline | **8** |
| **Basic Hydraulic Schematics**  Level I Course Outline | **4** |
| **Volvo Compact Wheel Loader Cribbing**  Level I Course Outline | **2** |
| **Basic Machine Cribbing Volvo Skid Steer**  Level I Course Outline | **2** |
| **Class 7 Forklift**  Level I Course Outline | **8** |
| **Tech Tool Lessons Continue**  Level I Course Outline | **4** |
| **Developing Corporate Behavior**  Level I Course Outline | **1** |
| **Communication Strategies**  Level I Course Outline | **1** |
| **Basic Machine Cribbing Volvo Backhoe Loader**  Level I Course Outline | **2** |
| **Electrical Troubleshooting/Hands-on Simulator #2**  Level I Course Outline | **8** |
| **Basic Machine Cribbing Volvo Motor Grader**  Level I Course Outline | **2** |
| **Hand Tool Safety**  Level I Course Outline | **2** |
| **Chain & PROSIS**  Level I Course Outline | **2** |
| **Hydraulic Troubleshooting/Hands-on Simulator #1**  Level I Course Outline | **8** |
| **Tech Tool Lessons Continued**  Level I Course Outline | **4** |
| **Personal Protective Equipment (PPE)**  Level I Course Outline | **1** |
| **ESD**  Level I Course Outline | **1** |
| **Basic Machine Cribbing Volvo Pipe-layer**  Level I Course Outline | **2** |
| **Electrical Troubleshooting/Hands-on Simulator #3**  Level I Course Outline | **8** |
| **Basic Machine Cribbing Volvo Feller Bunchers**  Level I Course Outline | **1** |
| **Hazardous Materials Communication**  Level I Course Outline | **2** |
| **Hazard Analysis**  Level I Course Outline | **2** |
| **Basic Machine Cribbing Volvo Tracked Paver**  Level I Course Outline | **2** |
| **Basic Machine Cribbing Volvo Tracked Milling Equipment**  Level I Course Outline | **2** |
| **Basic Machine Cribbing Volvo Asphalt Compactors**  Level I Course Outline | **2** |
| **Tech Tool Lessons Continued**  Level I Course Outline | **6** |
| **Articulated Hauler**  Level II Course Outline | **92** |
| **Compact Excavators**  Level II Course Outline | **200** |
| **Compact Wheel Loaders**  Level II Course Outline | **140** |
| **Compactors**  Level II Course Outline | **90** |
| **Crawler Excavators**  Level II Course Outline | **160** |
| **Wheeled Excavators**  Level II Course Outline | **98** |
| **Power Trains**  Level II Course Outline | **60** |
| **Tools**  Level II Course Outline | **55** |
| **Pavers**  Level II Course Outline | **24** |
| **Rigid Haulers**  Level II Course Outline | **40** |
| **Wheel Loaders**  Level II Course Outline | **110** |
| **Totals** | **RSI HRS**  1.3K |