# **Work Process Schedule**

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| Stamping Press Operator | |
| **Job Description:** Safely set up, operate, monitor, and control production equipment. | |
| **RAPIDS Code:** 0928CB | **O\*NET Code:** 51-4031.00 |
| **Estimated Program Length:** 4 years | |
| **Apprenticeship Type:**  Competency-Based  Time-Based  Hybrid | |

Suggested On-the-Job Learning Outline

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| Inspects parts for quality and compliance | | |
| **Competencies** | **Date Completed** | **Initial** |
| 1. Measures and verifies materials for quality and size |  |  |
| 1. Matches and inspects parts to print |  |  |
| 1. Measures heights and depths |  |  |
| 1. Checks and records part profiles |  |  |

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| Plans job and prepares for setup and production | | |
| **Competencies** | **Date Completed** | **Initial** |
| 1. Reliably follows the instructions of others |  |  |
| 1. Willingly asks questions about things not fully understood |  |  |
| 1. Works with due regard for the safety of others |  |  |
| 1. Establishes a system of maintaining appropriate notes and reminders and completes any required logs, calibration records, etc. |  |  |
| 1. Ensures proper communications between previous and next shifts, with both operations and supervision |  |  |
| 1. Identifies problems and changes that could lead to problems by exchanging information with operators, supervisors, and others |  |  |
| 1. Establishes trust and rapport with operators, supervisors, and others |  |  |

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| Sets up safety equipment and devices | | |
| **Competencies** | **Date Completed** | **Initial** |
| 1. Cleans, connects, and verifies shortfeed detectors and sensors |  |  |
| 1. Tests and verifies operation of light curtains and mats |  |  |
| 1. Installs and inspects safety equipment |  |  |
| 1. Sets program tonnage monitor to predetermined engineering specifications |  |  |

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| Sets up die | | |
| **Competencies** | **Date Completed** | **Initial** |
| 1. Determines and sets shut height |  |  |
| 1. Cleans bolster, ram, and top/bottom of die |  |  |
| 1. Selects clamping devices and aligns and places die in press |  |  |
| 1. Checks, installs, and sets bolster blocks, dies, and material bridge |  |  |
| 1. Replaces/cleans filters and greases/lubes guide components |  |  |
| 1. Sets pilot release, knockouts, air cushion, and manifold pressure |  |  |
| 1. Installs and adjusts lubrication system or equipment |  |  |
| 1. Runs and inspects first parts |  |  |
| 1. Inspects parts for compliance during run, makes adjustments, and seeks approval |  |  |

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| Sets up auxiliaries and press | | |
| **Competencies** | **Date Completed** | **Initial** |
| 1. Installs conveyors, stackers, and part-out conveyors |  |  |
| 1. Positions/sets uncoiler, magazine or blank, and material/feeder |  |  |
| 1. Sets/adjusts straightener, feed length, and leveler |  |  |
| 1. Sets tension on slack loop |  |  |
| 1. Installs/sets transfer or automated system or devices and hydraulic and/or pneumatic systems |  |  |
| 1. Orients parts for secondary operations, prepares/positions part-cleaning equipment, and sets/positions packaging for production |  |  |
| 1. Cleans feed and straightener rollers |  |  |

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| Runs production | | |
| **Competencies** | **Date Completed** | **Initial** |
| 1. Loads coil, strip, or blanks |  |  |
| 1. Starts and stops press |  |  |
| 1. Feeds and welds material properly |  |  |
| 1. Monitors, removes and replaces, and replenishes parts if necessary |  |  |
| 1. Sets press speed and adjusts shut height |  |  |
| 1. Packages finished parts |  |  |
| 1. Sets and adjusts counterbalance |  |  |
| 1. Monitors and adjusts controls and, if necessary, transfers them |  |  |

Suggested Related Instruction Outline

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| Provider | |
| **Name:** | |
| **Address:** | |
| **Email:** | **Phone Number:** |
| **Suggested Related Instruction Hours:** 576 | |

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| **Course Number** | **Course Title** | **Contact Hours** |
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