

Demonstrate Selecting the Correct Fasteners and Locking Application for Maintenance and Repair of Heavy Equipment

Skill Number CO-OP15GN107

Full Name: Ferdinandus Eshelwin
 Validation Date: 14 November 2025

No ID: _____
 School: SMAN 1 SINGOSARI

PERFORMANCE TASK:

Given several fasteners and the necessary tools, as listed:

- Castellated nut
- Circlips
- Clevis Pin
- Flat Washer
- Spring Washer
- Star Washers
- Self-tapping screw
- Stud
- Wing nut
- Woodruff key
- Lockwire
- Bolt
- Nut
- Thread Lubricant and other Adhesives

The student must identify and explain their function. Student will be required to answer questions on their findings. The student will also be required to complete relevant workplace documentation and is to always observe the correct safety procedures.

Students are required to fill out this form, in the appropriate place, indicating that an inspection of components has occurred and their decision, after inspection is recorded

The student must be able to perform the following task:

- Demonstrate identify and explain the function of provided fasteners and necessary tools.
- Perform communication & etiquette manner

Safety and Contamination Control must be always applied to this process. Literature and measuring tools will be made available but will not be provided directly to the student.

| Prerequisite | Yes | No | N/A | Hints |
|--|-----|----|-----|-------|
| The student must complete the knowledge assessment. Minimum passing grade 80%. | ✓ | | | |

| Tasks | Completed | | | Observation / Hints |
|--|-----------|----|-----|---------------------|
| | Yes | No | N/A | |
| Preparation | | | | |
| Prepare related literature | ✓ | | | |
| Prepare required equipment | ✓ | | | |
| Prepare related tools | ✓ | | | |
| Prepare Safety & Contamination Control equipment | ✓ | | | |

| Tasks | Completed | | | Observation / Hints |
|--|-----------|----|-----|---------------------|
| | Yes | No | N/A | |
| Perform etiquette/manner when starting the job | | | | |
| Meet the customer / assessor | ✓ | | | |
| Perform etiquette/manner when opening the interaction. | ✓ | | | |
| Explain the purpose of Student's activity. | ✓ | | | |
| Ask permission to perform the job. | ✓ | | | |

| Tasks | Check | | | Observation / Hints |
|--|-------|----|-----|---------------------|
| | Yes | No | N/A | |
| Identification | | | | |
| 1. Accessing Information | ✓ | | | |
| 2. Castellated Nut | ✓ | | | |
| 3. Circlip | ✓ | | | |
| 4. Clevis Pin | ✓ | | | |
| 5. Flat washer | ✓ | | | |
| 6. Spring washer | ✓ | | | |
| 7. Star washer | ✓ | | | |
| 8. Self-tapping screw | ✓ | | | |
| 9. Stud | ✓ | | | |
| 10. Wing nut | ✓ | | | |
| 11. Woodruff key | ✓ | | | |
| 12. Lockwire | ✓ | | | |
| 13. Thread Lubricant & other Adhesives | ✓ | | | |

| Tasks | Complete | | | Observation / Hints |
|------------------------------|----------|----|-----|---------------------|
| | Yes | No | N/A | |
| Thread Identification | | | | |
| UNC | ✓ | | | |
| UNF | ✓ | | | |
| Whitworth | ✓ | | | |
| Metric | ✓ | | | |
| AF | ✓ | | | |
| BSW | ✓ | | | |

| Tasks | Completed | | | Observation / Hints |
|---|-----------|----|-----|---------------------|
| | Yes | No | N/A | |
| Perform close the job by ensuring all systems or conditions is in the standard condition | | | | |
| Ensure all systems or conditions are in standard condition. | ✓ | | | |

| Tasks | Completed | | | Observation / Hints |
|--|-----------|----|-----|---------------------|
| | Yes | No | N/A | |
| Reporting | | | | |
| All relevant documentation completed correctly and approved by customer (if required). | ✓ | | | |

| Tasks | Completed | | | Observation / Hints |
|--|-----------|----|-----|---------------------|
| | Yes | No | N/A | |
| Safety | | | | |
| Using PPE related to the job | ✓ | | | |
| Follows relevant Workplace Safety Guidelines (LOTO, Safety Equipment) | ✓ | | | |
| State and follow Safety Precautions | ✓ | | | |
| Serviceman completes job without accident due to incorrect procedure using hand tools. | ✓ | | | |
| Tasks completed without damage equipment and tools | ✓ | | | |

| Tasks | Completed | | | Observation / Hints |
|--|-----------|----|-----|---------------------|
| | Yes | No | N/A | |
| Contamination Control | | | | |
| Environmental Practices & Housekeeping | ✓ | | | |

| Tasks | Completed | | | Observation / Hints |
|--|-----------|----|-----|---------------------|
| | Yes | No | N/A | |
| Perform etiquette/manner after completing the job | | | | |
| Perform etiquette/manner when closing the communication. | ✓ | | | |

General Comments

Task Complete

RESULT: COMPETENT NOT YET COMPETENT (please check (√))

Student: Fary Hasan Fachrudin 11 November 2025 [Signature]
Name Date Signature

Assessor: Arsan Hardi W., S.Pd., Gr. 14 NOV 2025 [Signature]
NIP. 19840822 202221 1 012 Date Signature
Name

Supervisor: _____ _____ _____
Name Date Signature

Data Recorded: _____ _____ _____
Name Date Signature