

Instruction Sheet for the Candidate

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| Qualification | Agricultural Machinery helper (Level-2) |
| Competency Standard | Perform basic fitting operations used in the workshop practices |
| Purpose of Assessment | Formative Assessment |
| Candidate Details | Name _____ Registration/Roll Number _____ |
| Guidance for Candidate | To meet this standard, you are required to complete the following within 03 Hrs. time frame (for practical demonstration & assessment): <ul style="list-style-type: none">• Use Ring compressor• Use Ring expander• Select & use appropriate pullers• Select & use appropriate dowel pin |
| Time: 03 Hrs. | During a practical assessment, under observation by an assessor, you are required to |
| Minimum Evidence Required | Use Ring compressor <ol style="list-style-type: none">1. Select proper ring compressor2. .Lubricate rings3. .Tight compressor with proper key4. .Position piston ring5. .Install Rings in piston Use Ring expander <ol style="list-style-type: none">1. Select proper ring Expander2. .Insert rings in Expander3. .Install rings in piston Select & use appropriate pullers <ol style="list-style-type: none">1. Select proper bearing puller for given job2. .Clamp puller in proper way |

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| | <ol style="list-style-type: none"> 3. .Tight puller with proper spanner 4. .Extract bearing with bearing puller <p>Select & use appropriate dowel pin</p> <ol style="list-style-type: none"> 1. Measure hole for dowel pin 2. .Select proper dowel pin 3. .Install dowel pin |
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Self-Assessment Checklist

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| Candidate Name | |
| Registration No. | |
| Qualification | Agricultural Machinery helper (Level-2) |
| Competency Standard | Perform basic fitting operations used in the workshop practices |
| Purpose of Assessment | Formative Assessment |
| Assessment Task | <ul style="list-style-type: none">• Use Ring compressor• Use Ring expander• Select & use appropriate pullers• Select & use appropriate dowel pin |

I can.....

| Performance Criteria | Yes | No |
|--|--------------------------|--------------------------|
| 1. Select proper ring compressor | | <input type="checkbox"/> |
| 2. Lubricate rings | | <input type="checkbox"/> |
| 3. Tight compressor with proper key | | <input type="checkbox"/> |
| 4. Position piston ring | | <input type="checkbox"/> |
| 5. Install Rings in piston | | <input type="checkbox"/> |
| 6 Select proper ring Expander | <input type="checkbox"/> | <input type="checkbox"/> |
| 7 Insert rings in Expander | <input type="checkbox"/> | <input type="checkbox"/> |
| 8 install rings in piston | <input type="checkbox"/> | <input type="checkbox"/> |
| 9 Select proper bearing puller for given job | <input type="checkbox"/> | <input type="checkbox"/> |
| 10 Clamp puller in proper way | <input type="checkbox"/> | <input type="checkbox"/> |
| 11 .Tight puller with proper spanner | | |
| 12 .Extract bearing with bearing puller | <input type="checkbox"/> | <input type="checkbox"/> |
| 13 Measure hole for dowel pin | | |
| 14 .Select proper dowel pin | | |
| 15 Install dowel | | |

Candidate's Signature_____ Assessor's Signature_____

Date: _____

Assessors Judgment Guide

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|------------------------------|---|
| Qualification | Agricultural Machinery helper (Level-2) |
| Competency Standard | Perform basic fitting operations used in the workshop practices |
| Purpose of Assessment | Formative Assessment |
| Candidate Details | Name: _____ Registration/Roll Number: _____ Signature: _____ |
| Assessment Outcome | COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor _____ Assessor's code: _____ Signature: _____ |

| Assessment Summary (to be filled by the assessor) | | | | | | | |
|---|---------|------|-------------|-----------|-----------|-----------|-------------------|
| Activity | Method | | | | | Result | |
| Nature of Activity | Written | Oral | Observation | Portfolio | Role Play | Competent | Not Yet Competent |
| Practical Skill Demonstration | | | ✓ | | | | |
| Knowledge Assessment | | ✓ | | | | | |
| Other Requirement | | | | | | | |

Observation Checklist

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| Assessment Task | <ul style="list-style-type: none"> Use Ring compressor Use Ring expander Select & use appropriate pullers Select & use appropriate dowel pin | | | |
| During the practical assessment, candidate demonstrated the following: | | Yes | No | Remarks |
| 1. | Select proper ring compressor | | | |
| 2. | .Lubricate rings | | | |
| 3. | .Tight compressor with proper key | | | |
| 4. | .Position piston ring | | | |
| 5. | .Install Rings in piston | | | |
| 6. | Select proper ring Expander | | | |
| 7. | Insert rings in Expander | | | |
| 8. | Select proper bearing puller for given job | | | |
| 9. | Clamp puller in proper way | | | |
| 10. | Tight puller with proper spanner | | | |
| 11. | Extract bearing with bearing puller | | | |
| 12. | .Measure hole for dowel pin | | | |
| 13. | Select proper dowel pin | | | |
| 14. | Install dowel pin | | | |
| Competent <input type="checkbox"/> | | Not Yet Competent <input type="checkbox"/> | | |

Knowledge Assessment

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|------------------------------|---|
| Qualification | Agricultural Machinery helper (Level-2) |
| Competency Standard | Perform basic fitting operations used in the workshop practices |
| Purpose of Assessment | Formative Assessment |
| Candidate Details | Name: _____ Registration/Roll Number: _____ Candidate Signature: _____ |
| Assessment Outcome | <div style="display: flex; justify-content: space-around; align-items: center;"> COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> </div> Name of the Assessor: _____ Assessor's code: _____ Signature of the Assessor: _____ |

Candidate's response is not required to be identical, but similar concepts and/or keywords must be used. Oral questioning may be used to clarify candidate understanding of topic and its application.

| Questions (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application) | | Satisfactory | Not Satisfactory |
|---|----------------------------|--------------|------------------|
| 1. | Why dowel pins are used | | |
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| 2. | Name the bearing fullness. | | |

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| 3. | What for ring expenders are used? | | |
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| Feedback to the Candidate | |
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| Candidate's Signature _____ Assessor's Signature _____ | |