

Instruction Sheet for the Candidate

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| Qualification | Agricultural Machinery helper (Level-2) |
| Competency Standard | Perform surface finishing operations on the given job |
| Purpose of Assessment | Formative Assessment |
| Candidate Details | Name_____ Registration/Roll Number_____ |
| Guidance for Candidate | <p>To meet this standard, you are required to complete the following within 03 Hrs. time frame (for practical demonstration & assessment):</p> <ol style="list-style-type: none"> 1. File job with appropriate file 2. Perform off-hand grinding 3. Sharp the single point cutting tool on grinder 4. Perform grinding with portable grinder 5. Grind the job with bench grinder |
| Time: 03 Hrs. | During a practical assessment, under observation by an assessor, you are required to |
| Minimum Evidence Required | <p>1. File job with appropriate file</p> <ol style="list-style-type: none"> 1. Clamp job into vice 2. Select file according to job 3. Grip file with hands in proper way 4. Perform filing with file <p>2. Perform off-hand grinding</p> <ol style="list-style-type: none"> 1. Select proper size and shape of grinding wheel. 2. Observe personal and workplace safety regarding grinding. 3. Perform grinding as per specified techniques 4. Produce component according to work operations <p>3. Sharp the single point cutting tool on grinder</p> <ol style="list-style-type: none"> 1. Select proper size and shape of grinding wheel. 2. Observe the personal and workplace safety regarding grinding 3. Tight work piece against rotating wheel by placing it on tool |

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| | <p>rest</p> <p>4. Perform grinding with portable grinder</p> <ol style="list-style-type: none"> 1. Clamp job into vice 2. Select portable grinder according to job 3. Perform grinding with portable grinder <p>5.cut the job with power cutter</p> <ol style="list-style-type: none"> 1. Select and measure job 2. Clamp the job into vise 3. Perform cutting with power cutter <p>6. Grind job with bench grinder</p> <ol style="list-style-type: none"> 1. Grip job in proper way 2. Select bench grinder according to job 3. Perform grinding with Bench grinder |
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Self-Assessment Checklist

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| Candidate Name | |
| Registration No. | |
| Qualification | Agricultural Machinery helper (Level-2) |
| Competency Standard | Perform surface finishing operations on the given job |
| Purpose of Assessment | Formative Assessment |
| Assessment Task | <ol style="list-style-type: none"> 1. File job with appropriate file 2. Perform off-hand grinding 3. Sharp the single point cutting tool on grinder 4. Perform grinding with portable grinder 5. Grind the job with bench grinder |

I can.....

| Performance Criteria | Yes | No |
|--|--------------------------|--------------------------|
| 1. Clamp job into vice | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Select file according to job | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Grip file with hands in proper way | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Perform filing with file | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Select proper size and shape of grinding wheel. | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Observe personal and workplace safety regarding grinding. | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Perform grinding as per specified techniques | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Produce component according to work operations. | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Select proper size and shape of grinding wheel. | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Observe the personal and workplace safety regarding grinding | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Tight work piece against rotating wheel by placing it on tool rest | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. Clamp job into vice | <input type="checkbox"/> | <input type="checkbox"/> |

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|--|--------------------------|--------------------------|
| 13. Select portable grinder according to job | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. Perform grinding with portable grinder | | |
| 15. Grip job in proper way | | |
| 16. Select bench grinder according to job | | |
| 17. Perform grinding with Bench grinder | | |

Candidate's Signature_____ Assessor's Signature_____

Date: _____

Assessors Judgment Guide

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|------------------------------|--|
| Qualification | Agricultural Machinery helper (Level-2) |
| Competency Standard | Perform surface finishing operations on the given job |
| Purpose of Assessment | Formative Assessment |
| Candidate Details | Name: _____ Registration/Roll Number: _____ 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: _____ |

| 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

| Assessment Task | | 1. File job with appropriate file 2. Perform off-hand grinding 3. Sharp the single point cutting tool on grinder 4. Perform grinding with portable grinder 5. Grind the job with bench grinder | | |
|--|--|--|----|---------|
| During the practical assessment, candidate demonstrated the following: | | Yes | No | Remarks |
| 1. | Clamp job into vice | | | |
| 2. | Select file according to job | | | |
| 3. | Grip file with hands in proper way | | | |
| 4. | Perform filing with file | | | |
| 5. | Select proper size and shape of grinding wheel. | | | |
| 6. | Observe personal and workplace safety regarding grinding. | | | |
| 7. | Perform grinding as per specified techniques | | | |
| 8. | Produce component according to work operations. | | | |
| 9. | Select proper size and shape of grinding wheel. | | | |
| 10. | Observe the personal and workplace safety regarding grinding | | | |
| 11. | Tight work piece against rotating wheel by placing it on tool rest | | | |
| 12. | Clamp job into vice | | | |
| 13. | Select portable grinder according to job | | | |
| 14. | Perform grinding with portable grinder | | | |
| 15. | Grip job in proper way | | | |
| 16. | Select bench grinder according to job | | | |
| 17. | Perform grinding with Bench grinder | | | |

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| Competent <input type="checkbox"/> | Not Yet Competent <input type="checkbox"/> |
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Knowledge Assessment

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| Qualification | Agricultural Machinery helper (Level-2) |
| Competency Standard | Perform surface finishing operations on the given job |
| Purpose of Assessment | Formative Assessment |
| Candidate Details | Name: _____ Registration/Roll Number: _____ Candidate Signature: _____ |
| Assessment Outcome | <div style="display: flex; justify-content: space-around;"> 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. | Name the shapes of files. | | |

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| 2. | On surface finishing which type of disc can use with hand grinder? | | |
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| 3. | Which is safe angle for standing during work on table grinder | | |
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| Feedback to the Candidate | |
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| Candidate's Signature_____ | Assessor's Signature _____ |