

Instruction Sheet for the Candidate

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| Qualification | Agricultural Machinery Mechanic (Level-5) |
| Competency Standard | Operate / Maintain Sugar Cane Harvester |
| 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> <ul style="list-style-type: none"> • Inspect Sugar Cane Harvester • Operate Sugar Cane Harvester • Maintain Sugar Cane Harvester |
| Time: 03 Hrs. | During a practical assessment, under observation by an assessor, you are required to |
| Minimum Evidence Required | <p>Inspect Sugar Cane Harvester</p> <ol style="list-style-type: none"> 1. Select appropriate tools for adjustment 2. Check the adjustment of belts and Chains 3. Inspect Topper of Sugarcane Harvester for carrying 4. Inspect Crop divider and Lifter of Sugarcane Harvester for dividing and lifting 5. Inspect Base Cutter of Sugarcane Harvester for cutting 6. Inspect Conveying device of Sugarcane Harvester for conveying 7. Inspect defoliating device of Sugarcane Harvester regarding defoliating efficiency 8. Inspect Cane Collector of Sugarcane Harvester <p>Operate Sugar Cane Harvester</p> <ol style="list-style-type: none"> 1. Inspect the control panel and adjust if required 2. Start the Sugar cane harvester and interpret the signs and signals of instrument cluster 3. Select the cutting size of sugar cane 4. Adjust the height of cutting assembly 5. Ensure safe transmission of sugar cane to Dumper 6. Maintain Sugar Cane Harvester <p>Maintain blade sharpness</p> <ol style="list-style-type: none"> 1. Lubricate all lubricants point 2. Service the Sugar cane Harvester 3. Lubricate the greasing points of sugarcane harvester 4. Park Sugarcane harvester according to operator manual |

Self-Assessment Checklist

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|------------------------------|---|
| Candidate Name | |
| Registration No. | |
| Qualification | Agricultural Machinery Mechanic (Level-5) |
| Competency Standard | Operate / Maintain Sugar Cane Harvester |
| Purpose of Assessment | Formative Assessment |
| Assessment Task | <ul style="list-style-type: none"> • Inspect Sugar Cane Harvester • Operate Sugar Cane Harvester • Maintain Sugar Cane Harvester |

I can.....

| Performance Criteria | Yes | No |
|--|--------------------------|--------------------------|
| 1. Select appropriate tools for adjustment | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Check the adjustment of belts and Chains | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Inspect Topper of Sugarcane Harvester for carrying | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Inspect Crop divider and Lifter of Sugarcane Harvester for dividing and lifting | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Inspect Base Cutter of Sugarcane Harvester for cutting | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Inspect Conveying device of Sugarcane Harvester for conveying | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Inspect defoliating device of Sugarcane Harvester regarding defoliating efficiency | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Inspect Cane Collector of Sugarcane Harvester | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Inspect the control panel and adjust if required | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Start the Sugar cane harvester and interpret the signs and signals of instrument cluster | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Select the cutting size of sugar cane | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. Adjust the height of cutting assembly | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. Ensure safe transmission of sugar cane to Dumper | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. Maintain blade sharpness | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. Lubricate all lubricants point | <input type="checkbox"/> | <input type="checkbox"/> |
| 16. Service the Sugar cane Harvester | <input type="checkbox"/> | <input type="checkbox"/> |
| 17. Lubricate the greasing points of sugarcane harvester | <input type="checkbox"/> | <input type="checkbox"/> |

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| 18. Park Sugarcane harvester according to operator manual | <input type="text"/> | <input type="text"/> |
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Candidate's Signature_____ Assessor's Signature_____

Date: _____

Assessors Judgment Guide

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|------------------------------|---|
| Qualification | Agricultural Machinery Mechanic (Level-5) |
| Competency Standard | Operate / Maintain Sugar Cane Harvester |
| Purpose of Assessment | Formative Assessment |
| Candidate Details | Name: _____ Registration/Roll Number: _____ Signature: _____ |
| Assessment Outcome | <div> 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 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Knowledge Assessment | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| Other Requirement | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |

Observation Checklist

| Assessment Task | | <ul style="list-style-type: none"> Inspect Sugar Cane Harvester Operate Sugar Cane Harvester Maintain Sugar Cane Harvester | | |
|--|--|---|----|---------|
| During the practical assessment, candidate demonstrated the following: | | Yes | No | Remarks |
| 1. | Select appropriate tools for adjustment | | | |
| 2. | Check the adjustment of belts and Chains | | | |
| 3. | Inspect Topper of Sugarcane Harvester for carrying | | | |
| 4. | Inspect Crop divider and Lifter of Sugarcane Harvester for dividing and lifting | | | |
| 5. | Inspect Base Cutter of Sugarcane Harvester for cutting | | | |
| 6. | Inspect Conveying device of Sugarcane Harvester for conveying | | | |
| 7. | Inspect defoliating device of Sugarcane Harvester regarding defoliating efficiency | | | |
| 8. | Inspect Cane Collector of Sugarcane Harvester | | | |
| 9. | Inspect the control panel and adjust if required | | | |
| 10. | Start the Sugar cane harvester and interpret the signs and signals of instrument cluster | | | |
| 11. | Select the cutting size of sugar cane | | | |
| 12. | Adjust the height of cutting assembly | | | |
| 13. | Ensure safe transmission of sugar cane to Dumper | | | |
| 14. | Maintain blade sharpness | | | |
| 15. | Lubricate all lubricants point | | | |
| 16. | Service the Sugar cane Harvester | | | |
| 17. | Lubricate the greasing points of sugarcane harvester | | | |
| 18. | Park Sugarcane harvester according to operator manual | | | |

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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 Mechanic (Level-5) |
| Competency Standard | Operate / Maintain Sugar Cane Harvester |
| 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.

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| Questions (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application) | Satisfactory | Not Satisfactory |
|--|---------------------|-------------------------|

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|----|--|--|--|
| 1. | What is field speed range of sugar can harvester? | | |
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| 2. | How size of sugarcane cutting adjusted? | | |
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| 3. | What are ambient engine RPM for sugarcane harvester field operation? | | |
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| Feedback to the Candidate | |
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| Candidate's Signature _____ | Assessor's Signature _____ |