

## Instruction Sheet for the Candidate

|                                  |  |
|----------------------------------|--|
| <b>Qualification</b>             | Agricultural Machinery Technician (AMT) Level-4  |
| <b>Competency Standard</b>       | Maintain Grain Grader  |
| <b>Purpose of Assessment</b>     | Formative Assessment   |
| <b>Candidate Details</b>         | Name_____  |
|                                  | Registration/Roll Number_____  |
| <b>Guidance for Candidate</b>    | <p><b>To meet this standard, you are required to complete the following within 03 Hrs. time frame (for practical demonstration &amp; assessment):</b></p> <ul style="list-style-type: none"> <li>• Identify Graders Types</li> <li>• Maintain Grain Grader</li> <li>• Maintain vegetable Graders</li> <li>• Maintain Fruit Graders</li> </ul>  |
| <b>Time: 03 Hrs.</b>             | During a practical assessment, under observation by an assessor, you are required to   |
| <b>Minimum Evidence Required</b> | <p><b>Identify Graders Types</b></p> <ol style="list-style-type: none"> <li>1. Identify Grain Graders</li> <li>2. Identify Vegetable Grader.</li> <li>3. Identify Fruit Grader</li> </ol> <p><b>Maintain Grain Grader</b></p> <ol style="list-style-type: none"> <li>1. Inspect major components of Grain Grader.</li> <li>2. Adjust air pressure of grain Grader blower</li> <li>3. Change appropriate sieves for different grains</li> <li>4. Clean sieves of grain grader</li> <li>5. Adjust belts of grain grader</li> <li>6. Adjust tilt angle of grain grader</li> <li>7. Adjust feeding of grain graders</li> <li>8. Replace balls/brushes of grain graders</li> </ol> <p><b>Maintain vegetable Graders</b></p> |

|  |   |
|--|---|
|  | <ol style="list-style-type: none"> <li>1. Inspect major components of vegetable grader.</li> <li>2. Adjust feeding of vegetable grader.</li> <li>3. Adjust chain/belt conveyer of vegetable grader.</li> <li>4. Service of different parts of vegetable grader.</li> </ol> <p><b>Maintain Fruit Graders</b></p> <ol style="list-style-type: none"> <li>1. Inspect major components of fruit grader.</li> <li>2. Adjust feeding of fruit grader.</li> <li>3. Adjust chain/belt conveyer of fruit grader.</li> <li>4. Service of different parts of fruit grader</li> </ol> |
|--|---|

## Self-Assessment Checklist

|                              |   |
|------------------------------|---|
| <b>Candidate Name</b>        |   |
| <b>Registration No.</b>      |   |
| <b>Qualification</b>         | Agricultural Machinery Technician (AMT) Level-4   |
| <b>Competency Standard</b>   | Maintain Grain Grader   |
| <b>Purpose of Assessment</b> | Formative Assessment  |
| <b>Assessment Task</b>       | <ul style="list-style-type: none"> <li>Identify Graders Types</li> <li>Maintain Grain Grader</li> <li>Maintain vegetable Graders</li> <li>Maintain Fruit Graders</li> </ul> |

I can.....

| <b>Performance Criteria</b>                       | <b>Yes</b>               | <b>No</b>                |
|---|--------------------------|--------------------------|
| 1. Identify Grain Graders                         | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Identify Vegetable Grader.                     | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Identify Fruit Grader                          | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Inspect major components of Grain Grader.      | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Adjust air pressure of grain Grader blower     | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Change appropriate sieves for different grains | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Clean sieves of grain grader                   | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Adjust belts of grain grader                   | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Adjust tilt angle of grain grader              | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Adjust feeding of grain graders               | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Replace balls/brushes of grain graders        | <input type="checkbox"/> | <input type="checkbox"/> |

|   |                          |                          |
|---|--------------------------|--------------------------|
| 12. Inspect major components of vegetable grader.   | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. Adjust feeding of vegetable grader.             | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. Adjust chain/belt conveyer of vegetable grader. | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. Service of different parts of vegetable grader. | <input type="checkbox"/> | <input type="checkbox"/> |
| 16. Inspect major components of fruit grader.       | <input type="checkbox"/> | <input type="checkbox"/> |
| 17. Adjust feeding of fruit grader.                 | <input type="checkbox"/> | <input type="checkbox"/> |
| 18. Adjust chain/belt conveyer of fruit grader.     | <input type="checkbox"/> | <input type="checkbox"/> |
| 19. Service of different parts of fruit grader      | <input type="checkbox"/> | <input type="checkbox"/> |

Candidate's Signature\_\_\_\_\_ Assessor's Signature\_\_\_\_\_

Date: \_\_\_\_\_

## Assessors Judgment Guide

|                              |   |
|------------------------------|---|
| <b>Qualification</b>         | Agricultural Machinery Technician (AMT) Level-4                 |
| <b>Competency Standard</b>   | Maintain Grain Grader   |
| <b>Purpose of Assessment</b> | Formative Assessment  |
| <b>Candidate Details</b>     | Name: _____<br>Registration/Roll Number: _____ Signature: _____ |

|                           |                                    |  |
|---------------------------|------------------------------------|--|
| <b>Assessment Outcome</b> | 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

| Assessment Task  |   | <ul style="list-style-type: none"> <li>Identify Graders Types</li> <li>Maintain Grain Grader</li> <li>Maintain vegetable Graders</li> <li>Maintain Fruit Graders</li> </ul> |    |         |
|--|---|---|----|---------|
| During the practical assessment, candidate demonstrated the following: |   | Yes   | No | Remarks |
| 1.   | Identify Grain Graders                          |   |    |         |
| 2.   | Identify Vegetable Grader.                      |   |    |         |
| 3.   | Identify Fruit Grader                           |   |    |         |
| 4.   | Inspect major components of Grain Grader.       |   |    |         |
| 5.   | Adjust air pressure of grain Grader blower      |   |    |         |
| 6.   | Change appropriate sieves for different grains  |   |    |         |
| 7.   | Clean sieves of grain grader                    |   |    |         |
| 8.   | Adjust belts of grain grader                    |   |    |         |
| 9.   | Adjust tilt angle of grain grader               |   |    |         |
| 10.  | Adjust feeding of grain graders                 |   |    |         |
| 11.  | Replace balls/brushes of grain graders          |   |    |         |
| 12.  | Inspect major components of vegetable grader.   |   |    |         |
| 13.  | Adjust feeding of vegetable grader.             |   |    |         |
| 14.  | Adjust chain/belt conveyer of vegetable grader. |   |    |         |
| 15.  | Service of different parts of vegetable grader. |   |    |         |
| 16.  | Inspect major components of fruit grader.       |   |    |         |
| 17.  | Adjust feeding of fruit grader.                 |   |    |         |
| 18.  | Adjust chain/belt conveyer of fruit grader.     |   |    |         |

|                                    |  |  |  |  |
|------------------------------------|--|--|--|--|
| 19.                                | Service of different parts of fruit grader |  |  |  |
| Competent <input type="checkbox"/> |  | Not Yet Competent <input type="checkbox"/> |  |  |

## Knowledge Assessment

|                              |  |
|------------------------------|--|
| <b>Qualification</b>         | Agricultural Machinery Technician (AMT) Level-4  |
| <b>Competency Standard</b>   | Maintain Grain Grader  |
| <b>Purpose of Assessment</b> | Formative Assessment   |
| <b>Candidate Details</b>     | Name: _____<br>Registration/Roll Number: _____ Candidate Signature: _____  |
| <b>Assessment Outcome</b>    | <b>COMPETENT</b> <input type="checkbox"/> <b>NOT YET COMPETENT</b> <input type="checkbox"/><br>Name of the Assessor: _____<br>Assessor's code: _____<br>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.

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

|    |   |  |  |
|----|---|--|--|
| 1. | What are common Grader issues                         |  |  |
|    |   |  |  |
| 2. | What is the working principle of potato Grader?       |  |  |
|    |   |  |  |
| 3. | What are three main points to maintain grain graders. |  |  |
|    |   |  |  |

| Feedback to the Candidate   |                            |
|-----------------------------|----------------------------|
|                             |                            |
|                             |                            |
|                             |                            |
|                             |                            |
|                             |                            |
|                             |                            |
| Candidate's Signature _____ | Assessor's Signature _____ |