

Self-Assessment Checklist

| | |
|-----------------------------|---|
| Candidate Name | |
| Registration No. | |
| Qualification | National Vocational Certificate level 1 to 5, Mining Process Technology |
| Competency Standards | <ol style="list-style-type: none"> 1. Manage workforce planning 2. Apply interpersonal skills 3. Work safely in workplace environment 4. Maintain professionalism in workplace 5. Perform surface mining technique 6. Perform underground mining technique 4 7. Install ground support 8. Operate surface (open pit) mining machines 9. Operate underground mining machines 10. Conduct dredging operations |
| Assessment Task | <p>Perform Surface and underground mining techniques: General Instructions: The candidate should include the following parameters</p> <ol style="list-style-type: none"> 1) Manage workforce planning 2) Apply interpersonal skills 3) Work safely in workplace environment 4) Maintain professionalism in workplace <p>Note: Estimated time to conduct the above activity is 40 hours, however the assessor may follow the instruction given by the assessment center to manage the time accordingly.</p> |

I can.....

| Performance Criteria | Yes | No |
|---|--------------------------|--------------------------|
| 1. Identify workforce as per requirements | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Implement initiatives to support workforce planning objectives | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Ensure safe work environment | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Maintain professionalism in workplace | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Perform surface mining as per site condition | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Perform room and pillar method | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Perform long wall method | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Installation of supports in underground and surface mining | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Operate shovel/excavator as required | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Operate scraper as required | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Conduct dozer operations as required | <input type="checkbox"/> | <input type="checkbox"/> |

National Vocational Certificate level 1 to 5, Mining Process Technology (Summative AG for L4)

| | | |
|--|--------------------------|--------------------------|
| 12. Operate mining dump truck operations as required | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. Operate drill machine as per job specification | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. Operate underground loader as required | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. Operate crane lift as per job specification | <input type="checkbox"/> | <input type="checkbox"/> |
| 16. Operate shotcrete machine as per requirements | <input type="checkbox"/> | <input type="checkbox"/> |
| 17. Operate machines in long wall mining as required | <input type="checkbox"/> | <input type="checkbox"/> |

Candidate's Signature _____

Assessor's Signature _____

Date: _____

Instruction Sheet for the Candidate

| | |
|---------------------------|---|
| Qualification | National Vocational Certificate level 1 to 5, Mining Process Technology |
| Competency Standard(s) | <ol style="list-style-type: none"> 1. Manage workforce planning 2. Apply interpersonal skills 3. Work safely in workplace environment 4. Maintain professionalism in workplace 5. Perform surface mining technique 6. Perform underground mining technique 4 7. Install ground support 8. Operate surface (open pit) mining machines 9. Operate underground mining machines 10. Conduct dredging operations |
| Candidate Details | Name _____ Registration/Roll Number _____ |
| Guidance for Candidate | <p>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration & assessment):</p> <p>Perform Surface and underground mining techniques: General Instructions: The candidate should include the following parameters</p> <ol style="list-style-type: none"> 1) Manage workforce planning 2) Apply interpersonal skills 3) Work safely in workplace environment 4) Maintain professionalism in workplace <p>Note: Estimated time to conduct the above activity is 40 hours, however the assessor may follow the instruction given by the assessment center to manage the time accordingly.</p> |
| Time: 40 hours | During a practical assessment, under observation by an assessor, you are required to demonstrate the following criteria: |
| Minimum Evidence Required | <ol style="list-style-type: none"> 1. Identify workforce as per requirements 2. Implement initiatives to support workforce planning objectives 3. Ensure safe work environment 4. Maintain professionalism in workplace 5. Perform surface mining as per site condition 6. Perform room and pillar method 7. Perform long wall method 8. Installation of supports in underground and surface mining 9. Operate shovel/excavator as required 10. Operate scraper as required 11. Conduct dozer operations as required 12. Operate mining dump truck operations as required 13. Operate drill machine as per job specification 14. Operate underground loader as required 15. Operate crane lift as per job specification 16. Operate shotcrete machine as per requirements 17. Operate machines in long wall mining as required |

Assessors Judgment Guide

| | |
|-------------------------------|--|
| Qualification | National Vocational Certificate level 1 to 5, Mining Process Technology |
| Competency Standard(s) | |
| Candidate Details | Name: _____ Registration/Roll Number: _____ Signature: _____ |
| Assessment Outcome | COMPETENT <input type="checkbox"/> NOT YETCOMPETENT <input type="checkbox"/> Name of the Assessor _____ Assessor's code: _____ Signature: _____ |

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

Observation Checklist

| | | | | |
|---|--|---|-----------|----------------|
| Assessment Task | Perform Surface and underground mining techniques: General Instructions: The candidate should include the following parameters <ol style="list-style-type: none"> 1) Manage workforce planning 2) Apply interpersonal skills 3) Work safely in workplace environment 4) Maintain professionalism in workplace <p>Note: Estimated time to conduct the above activity is 40 hours, however the assessor may follow the instruction given by the assessment center to manage the time accordingly.</p> | | | |
| During the practical assessment, candidate demonstrated the following: | | Yes | No | Remarks |
| 1. | Identified workforce as per requirements | | | |
| 2. | Implemented initiatives to support workforce planning objectives | | | |
| 3. | Ensured safe work environment | | | |
| 4. | Maintained professionalism in workplace | | | |
| 5. | Performed surface mining as per site condition | | | |
| 6. | Performed room and pillar method | | | |
| 7. | Performed long wall method | | | |
| 8. | Installed of supports in underground and surface mining | | | |
| 9. | Operated shovel/excavator as required | | | |
| 10. | Operated scraper as required | | | |
| 11. | Conducted dozer operations as required | | | |
| 12. | Operated mining dump truck operations as required | | | |
| 13. | Operated drill machine as per job specification | | | |
| 14. | Operated underground loader as required | | | |
| 15. | Operated crane lift as per job specification | | | |
| 16. | Operated shotcrete machine as per requirements | | | |
| 17. | Operated machines in long wall mining as required | | | |
| Competent <input type="checkbox"/> | | Not Yet Competent <input type="checkbox"/> | | |

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