

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	
Competency Standards	Read Topographic Map
Assessment Task	Use the GPS to identify the location according to topographic sheet of the given site for Mining

I can.....

Performance Criteria	Yes	No
1. Identify the longitude and latitude concept	<input type="checkbox"/>	<input type="checkbox"/>
2. Use of GPS (global positioning system)	<input type="checkbox"/>	<input type="checkbox"/>
3. Use of Brunton compass	<input type="checkbox"/>	<input type="checkbox"/>
4. Identify the number of topographic sheets	<input type="checkbox"/>	<input type="checkbox"/>
5. Scale of topographic sheet	<input type="checkbox"/>	<input type="checkbox"/>
6. Identify geographical location of topographic sheet	<input type="checkbox"/>	<input type="checkbox"/>
7. Calculate area of ore body	<input type="checkbox"/>	<input type="checkbox"/>
8. Calculate mining area of required location	<input type="checkbox"/>	<input type="checkbox"/>
9. Identify the natural and man-made features on topographic sheet	<input type="checkbox"/>	<input type="checkbox"/>
10. Identify water bodies, vegetation cover, agricultural land, mountainous and plain area	<input type="checkbox"/>	<input type="checkbox"/>
11. Identify man-made structures (roads, railway lines, towns etc.)	<input type="checkbox"/>	<input type="checkbox"/>
12. Identify the landforms by reading contours	<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)	Read Topographic sheets

Candidate Details	<p>Name_____</p> <p>Registration/Roll Number_____</p>
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>Use the GPS to identify the location according to topographic sheet of the given site for Mining</p>
Time:180 mins	<p>During a practical assessment, under observation by an assessor, you are required to demonstrating the following criteria:</p>
Minimum Evidence Required	<ol style="list-style-type: none"> 1. Identify the longitude and latitude concept 2. Use of GPS (global positioning system) 3. Use of Brunton compass 4. Identify the number of topographic sheets 5. Scale of topographic sheet 6. Identify geographical location of topographic sheet 7. Calculate area of ore body 8. Calculate mining area of required location 9. Identify the natural and man-made features on topographic sheet 10. Identify water bodies, vegetation cover, agricultural land, mountainous and plain area 11. Identify man-made structures (roads, railway lines, towns etc.) 12. Identify the landforms by reading contours

Assessors Judgment Guide

Qualification	National Vocational Certificate level 1 to 5, Mining Process Technology
Competency Standard(s)	Read Topographic Map
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	
	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Nature of Activity							
Practical Skill Demonstration			✓				
Knowledge Assessment		✓					
Other Requirement							

Observation Checklist

Assessment Task	Use the GPS to identify the location according to topographic sheet of the given site for Mining		
During the practical assessment, candidate demonstrated the following:		Yes	No
1.	Identify the longitude and latitude concept		
2.	Use of GPS (global positioning system)		
3.	Use of Brunton compass		
4.	Identify the number of topographic sheets		
5.	Scale of topographic sheet		
6.	Identify geographical location of topographic sheet		
7.	Calculate area of ore body		
8.	Calculate mining area of required location		
9.	Identify the natural and man-made features on topographic sheet		
10.	Identify water bodies, vegetation cover, agricultural land, mountainous and plain area		
11.	Identify man-made structures (roads, railway lines, towns etc.)		
12.	Identify the landforms by reading contours		
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>	

Feedback to the Candidate	
Candidate's Signature_____	Assessor's Signature_____

