

HEAVY MACHINE OPERATOR



ASSESSMENT PACKAGE
National Vocational Certificate Level 1

Version 1 - November, 2019

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ASSESSMENT PACKAGE
National Vocational Certificate Level 1

Version 1 - November, 2019

Title of Qualification: National Vocational Certificate level 1, In Heavy Machine Operator	CS Code:	Level: 1	Version: 1 (2019)
Competency Standard Title: 073200587 Identify Machines & its Attachments	Assessment Date (DD/MM/YY):		

Candidate Details	Name: Registration/Roll Number:
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within the 5 hours (for practical demonstration & assessment):</p> <ol style="list-style-type: none"> Assessment Task 1: Identify Machines and its sizes. Assessment Task 2: Identify components & attachments. Assessment Task 3: Identify capacities & capabilities of Machine. Assessment Task 4: Identify basic tools and supplies associated with Machines. Assessment Task 5: Manage Inventory of tools and equipment. <p>and complete:</p> <ol style="list-style-type: none"> Knowledge assessment test (Written or Oral) Portfolios at the time of assessment (if any)
Minimum Evidence Required	<p>During a practical assessment, under observation by an assessor, learner will complete:</p> <p>Assessment Task 1: Identify Machines and its sizes.</p> <p>Performance Criteria 1: Identify names of different heavy machines.</p> <p>Performance Criteria 2: Identify crawler machines.</p> <p>Performance Criteria 3: Identify wheeled/tired machines.</p> <p>Performance Criteria 4: Interpret specifications of crawler machines through technical specification plate on machine body.</p> <p>Performance Criteria 5: Interpret specifications of wheeled/tire machines through technical specification plate on machine body.</p>

	<p>Assessment Task 2: Identify components & attachments.</p> <p>Performance Criteria 1: Identify different components of machine.</p> <p>Performance Criteria 2: Identify different attachments of machine.</p>
	<p>Assessment Task 3: Identify capacities & capabilities of Machine.</p> <p>Performance Criteria 1: Identify capacity of machine through model code.</p> <p>Performance Criteria 2: Identify capability of machine through model code.</p> <p>Performance Criteria 3: Identify correct capacity of machine through machine manual.</p> <p>Performance Criteria 4: Identify correct capability of machine through machine manual.</p>
	<p>Assessment Task 4: Identify basic tools and supplies associated with Machines.</p> <p>Performance Criteria 1: Identify standard tools supplied with machines as per Catalogue/Part book.</p> <p>Performance Criteria 2: Identify spares/consumable materials as per Catalogue/Part book.</p>
	<p>Assessment Task 5: Manage Inventory of tools and equipment.</p> <p>Performance Criteria 1: Identify number of tools and equipment as per tool check list.</p> <p>Performance Criteria 2: Report faulty tools and equipment in log book.</p> <p>Performance Criteria 3: Generate demand for defective tools and equipment.</p> <p>Performance Criteria 4: Maintain record of all tools and equipment in log book.</p>
	<p>Portfolios required at the time of assessment (if any) for</p> <p>Performance criteria for the evaluation of portfolio: Submit log book or activity record (practical journal, project, pictures etc.) completed during the training.</p>

Assessors Judgment Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

073200587 Identify Machines & its Attachments

Candidate Details	Name: Registration/Roll Number: Candidate's Signature:
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: Assessor's code: Signature of the Assessor:

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							

Each Assessment Task (with performance criteria)					
Assessment Task 1		Description of assessment task 1 Identify Machines and their sizes.			
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks	
1.	Performance Criteria 1: Identified names of different heavy machines.				
2.	Performance Criteria 2: Identified crawler machines.				
3.	Performance Criteria 3: Identified wheeled/tired machines.				
4.	Performance Criteria 4: Interpreted specifications of crawler machines through technical specification plate on machine body.				
5.	Performance Criteria 5: Interpreted specifications of wheeled/tired machines through technical specification plate on machine body.				
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>			

Assessment Task 2		Description of assessment task 2 Identify components & Attachments		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Identified different components of machine.			
2	Performance Criteria 2: Identified different attachments of machine.			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 3		Description of assessment task 3 Identify capacities & capabilities of Machine		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Identified capacity of machine through model code.			
2	Performance Criteria 2: Identified capability of machine through model code.			
3	Performance Criteria 3: Identified correct capacity of machine through machine manual.			
4	Performance Criteria 4: Identified correct capability of machine through machine manual.			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 4		Description of assessment task 4 Identify basic tools and supplies associated with Machines		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Identified standard tools supplied with machines as per Catalogue/Part book.			
2	Performance Criteria 2: Identified spares/consumable materials as per Catalogue/Part book.			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task5		Description of assessment task5 Manage Inventory of tools and equipment		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Identified number of tools and equipment as per tool check list.			
2	Performance Criteria 2: Reported faulty tools and equipment in log book.			
3	Performance Criteria 3: Generated demand for defective tools and equipment.			
4	Performance Criteria 4: Maintain record of all tools and equipment in log book.			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Portfolio(if any)		Description of portfolio		
Current <input type="checkbox"/> Sufficient <input type="checkbox"/> Authentic <input type="checkbox"/> Valid <input type="checkbox"/> Reliable <input type="checkbox"/>				
Portfolio meet the following performance standards:		Yes	No	Remarks
1	Performance criteria for the evaluation of portfolio: Submitted log book or activity record (practical journal, project, pictures etc.) completed during the training.			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Title of Qualification: National Vocational Certificate level 1 in Heavy Machine Operator.	CS Code:	Level: 1	Version: 1 (2019)
Competency Standard Title: 073200587 Identify Machines & its Attachments	Assessment Date (DD/MM/YY): --/--/--		

Guidance for Candidate	To complete your assessment for this Competency Standard, you need to answer the questions on the following pages successfully.
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Assessors Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment).

Candidate Details	Name:Registration/Roll Number: Candidate's Signature:
Written Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor:Assessor's code: Signature of the Assessor:

Feedback to the candidate on assessment .

Candidate Signature.....	Assessor Signature

Title of Qualification: National Vocational Certificate level 1 in Heavy Machine Operator	CS Code:	Level: 1	Version: 1 (2019)
Competency Standard Title: Identify Machines & their Attachments	Assessment Date (DD/MM/YY): --/--/--		

WRITTEN ASSESSMENT

Question	Candidate's answer
1. Define Common Heavy Machines & Industry Terminologies?	
2. Describe Common Heavy Machine Capabilities, Advantages & Limitations?	
3. Describe Heavy Machines Attachments, their Purpose and Capabilities?	

Question	Candidate's answer
<p>4. Describe Basic Tools, Supplies & Lubricants Associated with Heavy Machines?</p>	
<p>5. Describe Inventory Procedure of Tools & Equipment?</p>	

Title of Qualification: National Vocational Certificate level 1, In Heavy Machine Operator	CS Code: 0732CON03	Level: 1	Version: 1 (2019)
Competency Standard Title: Summative Assessment Guide Level-1	Assessment Date (DD/MM/YY):		

Candidate Details	Name: Registration/Roll Number:
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within 5 hours (for practical demonstration & assessment):</p> <p>3. Assessment Task 1: In a given situation to Identify Machines & attachments by Maintaining Workplace Safety.</p> <p>And complete:</p> <p>4. Knowledge assessment test (Written or Oral).</p> <p>5. Portfolios at the time of assessment (if any).</p>
/Minimum Evidence Required	<p>During a practical assessment, under observation by an assessor, you will complete: Assessment Task 1</p> <p>Identify Machines and their sizes.</p> <p>Performance Criteria 1: Identify different types of Heavy machines.</p> <p>Performance Criteria 2: Identify Crawler machines.</p> <p>Performance Criteria 3: Identify Wheeled/Tired machines.</p> <p>Performance Criteria 4: Check specifications of Crawler machines.</p> <p>Performance Criteria 5: Check specifications of Wheeled/Tired machines.</p> <p>Identify components & Attachments</p> <p>Performance Criteria 6: Identify different components of Heavy machines.</p> <p>Performance Criteria 7: Identify different attachments of Heavy machines.</p> <p>Identify capacities & capabilities of Machine</p> <p>Performance Criteria 8: Check capacity as per Manufacturer's specifications.</p> <p>Performance Criteria 9: Check capability as per Manufacturer's specifications.</p> <p>Identify basic tools and supplies associated with machines</p> <p>Performance Criteria 10: Check standard tools supplied with Machines.</p> <p>Performance Criteria 11: Check spares/consumable materials.</p>
	<p>Portfolios required at the time of assessment (if any) for</p> <p>Performance criteria for the evaluation of portfolio:</p> <p>Submit log book or activity record (practical journal, project, pictures etc.) completed during the training.</p>

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	National Vocational Certificate Level-1 in Heavy Machine Operator
Purpose of Assessment	Summative Assessment HMO NVQF Level 1
Assessment Task	<ul style="list-style-type: none"> Identify Machines & attachments by Maintaining Workplace Safety. Knowledge Assessment

I can.....

Performance Criteria	Yes	No
1. Identify different types of Heavy machines.	<input type="checkbox"/>	<input type="checkbox"/>
2. Identify Crawler machines.	<input type="checkbox"/>	<input type="checkbox"/>
3. Identify Wheeled/Tire machines.	<input type="checkbox"/>	<input type="checkbox"/>
4. Check specifications of Crawler machines.	<input type="checkbox"/>	<input type="checkbox"/>
5. Check specifications of Wheeled/Tired machines.	<input type="checkbox"/>	<input type="checkbox"/>
6. Identify different components of Heavy machines.	<input type="checkbox"/>	<input type="checkbox"/>
7. Identify different attachments of Heavy machines.	<input type="checkbox"/>	<input type="checkbox"/>
8. Check capacity as per Manufacturer's specifications.	<input type="checkbox"/>	<input type="checkbox"/>
9. Check capability as per Manufacturer's specifications.	<input type="checkbox"/>	<input type="checkbox"/>
10. Check standard tools supplied with Machines.	<input type="checkbox"/>	<input type="checkbox"/>
11. Check spares/consumable materials.	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature _____ Assessor's Signature _____

Date: _____

Assessors Judgment Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: Registration/Roll Number: Candidate's Signature:
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: Assessor's code:..... Signature of the Assessor:

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							

Each Assessment Task (with performance criteria)				
Assessment Task 1		Description of assessment task 1		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Identified different types of Heavy machines.			
2	Performance Criteria 2: Identified Crawler machines.			
3	Performance Criteria 3: Identified Wheeled/Tired machines.			
4	Performance Criteria 4: Checked specifications of Crawler machines.			
5	Performance Criteria 5: Checked specifications of Wheeled/Tire machines.			
6	Performance Criteria 6: Identified different components of Heavy Machines.			
7	Performance Criteria 7: Identified different attachments of Heavy Machines.			
8	Performance Criteria 8: Checked capacity as per Manufacturer's specifications.			
9	Performance Criteria 9: Checked capability as per Manufacturer's specifications.			
10	Performance Criteria 10: Checked standard tools supplied with machines.			
11	Performance Criteria 11: Checked spares/consumable materials.			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Portfolio(if any)		Description of portfolio		
Current <input type="checkbox"/>		Sufficient <input type="checkbox"/>		Authentic <input type="checkbox"/>
		Valid <input type="checkbox"/>		Reliable <input type="checkbox"/>
Portfolio meet the following performance standards:		Yes	No	Remarks
1	Performance criteria for the evaluation of portfolio: Submitted log book or activity record (practical journal, project, pictures etc.) completed during the training.			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Knowledge Assessment

Qualification	National Vocational Certificate Level-1 in Heavy Machine Operator
Purpose of Assessment	Summative Assessment
Candidate Details	Name: _____ Registration Number: _____ Signature: _____
Assessment Outcome	<div> <div>COMPETENT <input type="checkbox"/></div> <div>NOT YET COMPETENT <input type="checkbox"/></div> </div> Name of the Assessor _____ Assessor's code: _____ Signature: _____

Questions (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application)		Satisfactory	Not Satisfactory
1.	Name various types of Heavy Machines.		
2.	Name various types of attachments used with Excavator.		
3.	Define capacity of a machine.		

4.	Name basic functions of Wheel Loader.		
5.	Name basic functions of Motor Grader.		
6.	What is Fire Extinguisher?		
7.	What is First-Aid Box?		

