

Demonstrate Using Caterpillar Service Software

Skill Number CO-OP15GN119

Full Name: Arbor Pratama Lumbu No ID: 01  
 Validation Date: 12-3-2026 School: SMKN 01 SINGOSARI

PERFORMANCE TASK:

For Polytechnic, given an electronic machine/engine and Computer contain SIS & ET. For Vocational high school, given a computer contain SIS.

The student must be able to complete the following tasks:

- Open SIS and find information required for a service/repair process.
- Print out the document required.
- Make a connection and communication ET tools to machine. (Polytechnic only)
- Access some menu on ET tools (information menu, diagnostic menu, service menu, flash programming menu). (Polytechnic only)
- Print out the product status report. (Polytechnic only)
- Perform communication & etiquette manner.

Prerequisite	Yes	No	N/A	Observation / Hints
The student must complete the knowledge assessment. Minimum passing grade 80%.	<input checked="" type="checkbox"/>			Score SIS course or subject (for Polytechnic including ET course or subject).

Tasks	Completed		N/A	Observation / Hints
	Yes	No		
Preparation	<input checked="" type="checkbox"/>			
Prepare related literature				Candidate should be aware to check all literature such as SIS, Service Manual
Prepare required equipment	<input checked="" type="checkbox"/>			Electronic Machine/Engine
Prepare related tools	<input checked="" type="checkbox"/>			Computers contain SIS & ET, and Communication Adapter
Prepare Safety & Contamination Control equipment	<input checked="" type="checkbox"/>			



Tasks	Completed		N/A	Observation / Hints
	Yes	No		
Perform etiquette/manner when starting the job	<input checked="" type="checkbox"/>			
Meet the customer / assessor	<input checked="" type="checkbox"/>			
Perform etiquette/manner when opening the interaction.	<input checked="" type="checkbox"/>			• Perform smile & greet • Introduce Student
Explain the purpose of Student's activity.	<input checked="" type="checkbox"/>			
Ask permission to perform the job.	<input checked="" type="checkbox"/>			

Tasks	Completed		N/A	Observation / Hints
	Yes	No		
Demonstrate using SIS to find required information	<input checked="" type="checkbox"/>			
Connect the computer to the network or Internet	<input checked="" type="checkbox"/>			Setting to the network or Internet <ul style="list-style-type: none"> <li>• Access SIS menu</li> <li>• Input specified serial number.</li> <li>• Find below information refer to serial number.</li> <li>• Specified system operator</li> <li>• Specified testing &amp; adjuster</li> <li>• Specified remove/install</li> <li>• Specified Assemble/Disassemble</li> <li>• Specified specification.</li> <li>• Specified part number/gross number.</li> <li>• Maintenance interval schedule</li> </ul>
Open SIS and find information required for service/repair.	<input checked="" type="checkbox"/>			
Documentation:	<input checked="" type="checkbox"/>			
Take picture if needed	<input checked="" type="checkbox"/>			



Tasks	Completed			Observation / Hints
	Yes	No	N/A	
<b>Demonstrate using ET to service and repair machine (for Polytechnic only)</b>				
Make a connection and communication ET tools to machine	<input checked="" type="checkbox"/>			Setting preference on ET menu and PC / Laptop
Access some menu on ET tools	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"> <li>Access to menu for performance test purpose on engine / machine, file management, and service purpose.</li> <li>Print out the product status report</li> </ul>
<b>Documentation:</b>				
Take picture if needed	<input checked="" type="checkbox"/>			
<b>Perform close the job by ensuring all systems or conditions is in the standard condition</b>				
Tasks	Completed			Observation / Hints
Yes	No	N/A		
Ensure all systems or conditions are in standard condition.	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"> <li>Find the improper condition.</li> <li>Communicate the finding to the customer/assessor.</li> </ul>
<b>Reporting</b>				
Tasks	Completed			Observation / Hints
Yes	No	N/A		
All relevant documentation completed correctly and approved by customer (if required).	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"> <li>Completing the Task List</li> <li>Completing Measurement Form/Related Check Sheet, if required</li> <li>Create Service Report (SIMS), if required</li> <li>Create SPR, if required</li> <li>Documenting the failed or damaged parts, if required</li> <li>Provide Technical Analysis Report/Failure Analysis Report, if required.</li> </ul>

Tasks	Complete			Observation / Hints
	Yes	No	N/A	
<b>Safety</b>				
Using APD related to the job	<input checked="" type="checkbox"/>			
Follows relevant workplace safety guidelines (tag out, safety equipment)	<input checked="" type="checkbox"/>			Comply with safety regulation applied on the workplace
State and follow safety precautions	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"> <li>Create Job Safety Analysis</li> <li>Student must follow safety procedure refer to service manual or SOP to job</li> </ul>
Service man completes job without accident due to incorrect procedure using hand tools.	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"> <li>Correct working position.</li> <li>Correct hand tool related to task</li> </ul>
Tasks completed without damage equipment and tools	<input checked="" type="checkbox"/>			
<b>Contamination Control</b>				
Tasks	Complete			Observation / Hints
Yes	No	N/A		
Environmental Practices & Housekeeping	<input checked="" type="checkbox"/>			<ol style="list-style-type: none"> <li>Waste is minimized, waste including sludge, solids and wastes are sorted and store for recycling or disposal</li> <li>Packaging of goods received and reused or disposed of by recycling</li> <li>Materials that can be reused cleaned and stored</li> <li>Waste and scrap are removed following workplace procedure.</li> <li>All fluids are disposed of in accordance with enterprise and procedures</li> </ol>
<b>Perform etiquette/manner after completing the job</b>				
Tasks	Completed			Observation / Hints
Yes	No	N/A		
Perform etiquette/manner when closing the communication.	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"> <li>Perform smile &amp; greet</li> <li>Ask permission to leave the interaction.</li> </ul>

General Comments

Tare Complete

RESULT: COMPETENT  NOT YET COMPETENT

(please check (X))

Student: Akbar Pribowo Lembu 19 - 3 - 1026

Name Date

Signature

Assessor: NIP. 19840822 202221 1 012

Name Date

Signature

Supervisor:

Name Date

Signature

Data Recorded:

Name Date

Signature

Demonstrate Using Caterpillar Service Software

Skill Number CO-OP15GN119

Full Name: Akbar Pratama Lenbu

No ID: 01

Validation Date: 12-3-2026

School: SMKN 01 SINGOPARI

PERFORMANCE TASK:

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- Perform communication & etiquette manner.

Prerequisite	Yes	No	N/A	Observation / Hints
The student must complete the knowledge assessment. Minimum passing grade 80%.	<input checked="" type="checkbox"/>			

Tasks	Completed			Observation / Hints
	Yes	No	N/A	
Preparation				
Prepare related literature	<input checked="" type="checkbox"/>			
Prepare required equipment	<input checked="" type="checkbox"/>			
Prepare related tools	<input checked="" type="checkbox"/>			
Prepare Safety & Contamination Control equipment	<input checked="" type="checkbox"/>			

Tasks	Completed			Observation / Hints
	Yes	No	N/A	
Perform etiquette/manner when starting the job	<input checked="" type="checkbox"/>			
Meet the customer / assessor	<input checked="" type="checkbox"/>			
Perform etiquette/manner when opening the interaction.	<input checked="" type="checkbox"/>			
Explain the purpose of Student's activity.	<input checked="" type="checkbox"/>			
Ask permission to perform the job.	<input checked="" type="checkbox"/>			

Tasks	Completed			Observation / Hints
	Yes	No	N/A	
Demonstrate using SIS to find required information	<input checked="" type="checkbox"/>			
Connect the computer to the network or internet	<input checked="" type="checkbox"/>			
Open SIS and find information required for service/repair.	<input checked="" type="checkbox"/>			
Documentation:				
Take picture if needed	<input checked="" type="checkbox"/>			

Tasks	Completed			Observation / Hints
	Yes	No	N/A	
Demonstrate using ET to service and repair machine (for Polytechnic only)				
Make a connection and communication ET tools to machine	<input checked="" type="checkbox"/>			
Access some menu on ET tools	<input checked="" type="checkbox"/>			
Documentation:				
Take picture if needed	<input checked="" type="checkbox"/>			

Tasks	Completed			Observation / Hints
	Yes	No	N/A	
Perform close the job by ensuring all systems or conditions is in the standard condition	<input checked="" type="checkbox"/>			
Ensure all systems or conditions are in standard condition.	<input checked="" type="checkbox"/>			

Tasks	Completed			Observation / Hints
	Yes	No	N/A	
Reporting All relevant documentation completed correctly and approved by customer (if required).	✓			

Tasks	Complete			Observation / Hints
	Yes	No		
Safety Using APD related to the job	✓			
Follows relevant workplace safety guidelines (tag out, safety equipment)	✓			
State and follow safety precautions	✓			
Service man completes job without accident due to incorrect procedure using hand tools.	✓			
Tasks completed without damage equipment and tools	✓			

Tasks	Complete			Observation / Hints
	Yes	No		
Contamination Control	✓			
Environmental Practices & Housekeeping	✓			

Tasks	Completed			Observation / Hints
	Yes	No	N/A	
Perform etiquette/manner after completing the job	✓			
Perform etiquette/manner when closing the communication.	✓			

General Comments

Task Complete

RESULT: COMPETENT  NOT YET COMPETENT  (please

Student: Akbar Pratama Lembu 12 - 3 - 2016  
 Name: Arsan Hardi W., S.Pd., Gr. Date: 12/3/2016  
 Assessor: NIP. 19840822 202221 1 012 Date: 12/3/2016  
 Signature: [Signature] Signature: [Signature]

Supervisor: Name: \_\_\_\_\_ Date: \_\_\_\_\_ Signature: \_\_\_\_\_

Data Recorded: Name: \_\_\_\_\_ Date: \_\_\_\_\_ Signature: \_\_\_\_\_