

Demonstrate Using Caterpillar Service Software

Skill Number CO-OP15GN119

Full Name: Hafid Aldi R No ID: 0  
 Validation Date: 11-03-2026 School: SMK N 1 SINGASARI

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 services/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"/>			

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)	<input checked="" type="checkbox"/>			
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"/>			

Reporting	Completed			Observation / Hints
	Yes	No	N/A	
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	✓		
Serviceman 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

*Terru Complete*

RESULT:  COMPETENT  NOT YET COMPETENT (please

Student: Hafid Aldik Date: 11-03-2026 Signature: *Hafid*  
 Assessor: Arsan Hardi W., S.Pd., Gr. NIP. 19840822 202221 1 012 Date: 11-03-2026 Signature: *Arsan*

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

Demonstrate Using Caterpillar Service Software

Skill Number CO-OP15GN119

Full Name: Hafid Abi Rayhan

No ID: B

Validation Date: 11 Maret 2026

School: SMKN 1 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 services/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%.	✓			Score SIS course or subject for Polytechnic including ET course or subject).

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

Tasks	Completed			Observation / H
	Yes	No	N/A	
Perform etiquette/manner when starting the job	✓			
Meet the customer / assessor	✓			
Perform etiquette/manner when opening the Interaction.	✓			• Perform smile & greet • Introduce Student's
Explain the purpose of Student's activity.	✓			
Ask permission to perform the job.	✓			

Tasks	Completed			Observation / Hints
	Yes	No	N/A	
Demonstrate using SIS to find required information	✓			
Connect the computer to the network or Internet	✓			Setting to the network or Internet
Open SIS and find information required for service/repair.	✓			<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 operation</li> <li>- Specified testing &amp; adjustin</li> <li>- Specified remove/install.</li> <li>- Specified Assemble/Disass</li> <li>- Specified specification.</li> <li>- Specified part number/grou number.</li> <li>- Maintenance interval sched</li> </ul>
Documentation:				
Take picture if needed	✓			

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	✓			Setting preference on ET menu and PC / Laptop
Access some menu on ET tools	✓			<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>
Documentation:				
Take picture if needed	✓			

Tasks	Completed			Observation / Hints
	Yes	No	N/A	
Perform close the job by ensuring all systems or conditions is in the standard condition				
Ensure all systems or conditions are in standard condition.	✓			<ul style="list-style-type: none"> <li>Find the improper condition.</li> <li>Communicate the finding to the customer/assessor.</li> </ul>

Tasks	Completed			Observation / Hints
	Yes	No	N/A	
Reporting				
All relevant documentation completed correctly and approved by customer (if required).	✓			<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	
Safety				
Using APD related to the job	✓			
Follows relevant workplace safety guidelines (tag out, safety equipment)	✓			<ul style="list-style-type: none"> <li>Comply with safety regulation applied on the workplace</li> </ul>
State and follow safety precautions	✓			<ul style="list-style-type: none"> <li>Create Job Safety Analysis</li> <li>Student must follow safety P refer to service manual or S to job</li> </ul>
Service man completes job without accident due to incorrect procedure using hand tools.	✓			<ul style="list-style-type: none"> <li>Correct working position.</li> <li>Correct hand tool related to</li> </ul>
Tasks completed without damage equipment and tools	✓			

Tasks	Complete			Observation / Hints
	Yes	No	N/A	
Contamination Control				
Environmental Practices & Housekeeping	✓			<ol style="list-style-type: none"> <li>Waste is minimized, waste including sludge, solids and wastes are sorted and stored 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>

Tasks	Completed			Observation / Hints
	Yes	No	N/A	
Perform etiquette/manner after completing the job				
Perform etiquette/manner when closing the communication.	✓			<ul style="list-style-type: none"> <li>Perform smile &amp; greet</li> <li>Ask permission to leave the interaction.</li> </ul>

General Comments

*Task Complete*

RESULT: COMPETENT  NOT YET COMPETENT  (please check (N))

Student: Hafid Aldi Nashar Date: 11-03-2016 Signature: *Hafid*  
Assessor: Arsan Hardi W., S.Pd., Gr. Date: 11-09-2016 Signature: *Arsan*  
NIP. 19840822 202221 1 012

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