

Demonstrate Using Caterpillar Service Software

Skill Number CO-OP15GN119

Full Name: Sulhan Adnan Alfarisari

No ID: 20

Validation Date: 12-5-2025

School: SMKN 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	<input checked="" type="checkbox"/>			
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"/>			
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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"/>			

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: Sulton Adam Alwisda

Date: 12-3-2026

Signature: 

Assessor: Arsan Hardi W., S.Pd., Gr.

NIP: 198408222022211012

Date: 12/2/26

Signature: 

Supervisor:

Name

Date

Signature

Date Recorded:

Name

Date

Signature

Demonstrate Using Caterpillar Service Software

Skill Number CO-OP15GN119

Full Name: Sulha Adm Almansor

No ID: 20

Validation Date: 12-3-2026

School: SMK N 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 / Hints
	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
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	✓			Setting to the network or Internet
Connect the computer to the network or Internet	✓			<ul style="list-style-type: none"> • Access SIS menu • Input specified serial number. • Find below information refer to serial number. • Specified system operation. • Specified testing & adjustment. • Specified remove/install. • Specified Assemble/Disassemble. • Specified specification. • Specified part number/serial number. • Maintenance interval schedule.
Open SIS and find information required for service/repair.				
Documentation:				
Take picture if needed	✓			

Tasks	Completed		Observation / Hints
	Yes	No	
Demonstrate using ET to service and repair machine (for Polytechnic only)			
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"> Access to menu for performance test purpose on engine / machine, file management, and service purpose. Print out the product status report
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"/>			<ul style="list-style-type: none"> Find the improper condition. Communicate the finding to the customer/assessor.
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).	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"> Completing the Task List Completing Measurement Form/Related Check Sheet, if required Create Service Report (SIMS), if required Create SPR, if required Documenting the failed or damaged parts, if required Provide Technical Analysis Report/Failure Analysis Report, if required.

Tasks	Complete		Observation / Hints
	Yes	No	
Safety			
Using APD related to the job	<input checked="" type="checkbox"/>		
Follows relevant workplace safety guidelines (tag out, safety equipment)	<input checked="" type="checkbox"/>		<ul style="list-style-type: none"> Comply with safety regulation applied on the workplace
State and follow safety precautions	<input checked="" type="checkbox"/>		<ul style="list-style-type: none"> Create Job Safety Analysis Student must follow safety protocol refer to service manual or SOP to job
Service man completes job without accident due to incorrect procedure using hand tools.	<input checked="" type="checkbox"/>		<ul style="list-style-type: none"> Correct working position. Correct hand tool related to
Tasks completed without damage equipment and tools	<input checked="" type="checkbox"/>		

Tasks	Complete		Observation / Hints
	Yes	No	
Contamination Control			
Environmental Practices & Housekeeping	<input checked="" type="checkbox"/>		<ol style="list-style-type: none"> Waste is minimized, waste including sludge, solids and wastes are sorted and store for recycling or disposal Packaging of goods receive and reused or disposed of through recycling Materials that can be reused cleaned and stored Waste and scrap are removed following workplace procedure All fluids are disposed of in accordance with enterprise and procedures

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

General Comments

Taru Complete

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

Student: Sulton Adom Alfiansidi Name 12-3-2026 Date *Ad* Signature

Assessor: NIP. 19840822 2022211 012 Name 12/12/22 Date *Ar* Signature

Supervisor: Name _____ Date _____ Signature _____

Data Recorded: Name _____ Date _____ Signature _____

