

Demonstrate Using Caterpillar Service Software

Skill Number CO-OP15GN119

Full Name: Dafa Hanif Islami

No ID: 04

Validation Date: 012 Maret 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	✓			
Connect the computer to the network or Internet	✓			Setting to the network or Internet • 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/gyro number. - Maintenance interval scheme
Open SIS and find information required for service/repair.	✓			
Documentation:				
Take picture if needed	✓			

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"/>			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.
Tasks	Completed			Observation / Hints
	Yes	No	N/A	
Reporting	<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 (SMS), if required Create SPR, if required Documenting the failed or damaged parts, if required Provide Technical Analysis Report/Failure Analysis Report, if required.
All relevant documentation completed correctly and approved by customer (if required).				

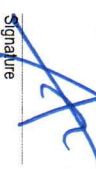
Tasks	Complete			Observation / Hints
	Yes	No	N/A	
Safety	<input checked="" type="checkbox"/>			
Using APD related to the job	<input checked="" type="checkbox"/>			
Follows relevant workplace safety guidelines (tag out, safety equipment)	<input checked="" type="checkbox"/>			<ul style="list-style-type: none"> Comply with safety regulatice 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 refer to service manual or S 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	N/A	
Contamination Control	<input checked="" type="checkbox"/>			
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 to recycling Materials that can be reuse cleaned and stored Waste and scrap are removed following workplace proced 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 Cempaka

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

Student: Dafa Hanif I Date 12/03/2016 Signature 

Assessor: Arsan Hardi W., S.Pd., Gf. Date 12/1/16 Signature 
NIP. 19840822 2022211 012

Supervisor: Name _____ Date _____ Signature _____

Data Recorded: Name _____ Date _____ Signature _____

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- Print out the product status report. (Polytechnic only)
- Perform communication & etiquette manner.

Prerequisite	Completed			Observation / Hints
	Yes	No	N/A	
The student must complete the knowledge assessment. Minimum passing grade 80%.	✓			

Tasks	Completed			Observation / Hints
	Yes	No	N/A	
Preparation				
Prepare related literature	✓			
Prepare required equipment	✓			
Prepare related tools	✓			
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.	✓			
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	✓			
Open SIS and find information required for service/repair.	✓			
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	✓			
Access some menu on ET tools	✓			
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.	✓			

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	✓		
Serviceperson 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: Delta Hanif R Date: 12/03/2026 Signature: *[Signature]*

Assessor: MP. 19840822 2022211 012 Date: 12/03/26 Signature: *[Signature]*

Supervisor: Name: _____ Date: _____ Signature: _____

Data Recorded: Name: _____ Date: _____ Signature: _____

