

Demonstrate Using Caterpillar Service Software

Skill Number CO-OP15GN119

 Full Name: Tuda Adi Pratama

No ID: _____

 Validation Date: 15 November 2021

 School: SMKN 1 Singorani
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 & greetings. • Introduce Student's identity
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.	✓			• Access SIS menu • Input specified serial number. • Find below information refer to specified serial number: - Specified system operation. - Specified testing & adjusting. - Specified remove/install. - Specified Assemble/Disassemble - Specified specification. - Specified part number/group number. - Maintenance interval schedule.
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	✓			• 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	✓			

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.	✓			- Find the improper condition. - Communicate the finding to the customer/assessor.

Tasks	Completed			Observation / Hints
	Yes	No	N/A	
Reporting				
All relevant documentation completed correctly and approved by customer (if required).	✓			• 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	✓		
Follows relevant workplace safety guidelines (tag out, safety equipment)	✓		Comply with safety regulation that applied on the workplace
State and follow safety precautions	✓		- Create Job Safety Analysis - Student must follow safety procedure refer to service manual or SIS related to job
Serviceman completes job without accident due to incorrect procedure using hand tools.	✓		- Correct working position. - Correct hand tool related to the job
Tasks completed without damage equipment and tools	✓		

Tasks	Complete		Observation / Hints
	Yes	No	
Contamination Control			
Environmental Practices &Housekeeping	✓		1. Waste is minimized, waste material, including sludge; solids and other wastes are sorted and stored in bins for recycling or disposal 2. Packaging of goods received is sorted and reused or disposed of by recycling 3. Materials that can be reused are cleaned and stored 4. Waste and scrap are removed following workplace procedures 5. All fluids are disposed of in accordance with enterprise policies and procedures

Tasks	Completed			Observation / Hints
	Yes	No	N/A	
Perform etiquette/manner after completing the job				
Perform etiquette/manner when closing the communication.				• Perform smile & greetings. • Ask permission to leave or end the interaction.

General Comments

Tare Complete

RESULT:

COMPETENT



NOT YET COMPETENT



(please check (✓))

Student:

Tuola Adi Pratama
Name

15 November 2025
Date

Signature

Assessor:

Aisan Hardi W., S.Pd., Gr.
NIP. 19840822 202221 1 012
Name

15 NOV 2025
Date

Signature

Supervisor:

Name

Date

Signature

Data Recorded:

Name

Date

Signature