

Catalytic Converter Performance Test Meets NATEF Task: (A8-E-9) Inspect and test catalytic converter efficiency.

(P-2)

Name	Date	Time on Task	_
Make/Model/Year	VIN	Evaluation: 4 3 2	1
(Temperature Difference)			
A catalytic converter uses a catalyst to chemical reaction. Because a chemical converter should be at least 10% hotter.	al reaction causes heat,	the temperature of the catalytic	
1. Start the engine and run at warm up the oxygen sensor	•	<u> </u>	
2. Using a pyrometer (infrared outlet of the catalytic conve	/	sure the front (inlet) and	
Inlet temperature = _	· · · · · · · · · · · · · · · · · · ·	NO, HO	
Outlet temperature = _	<u> </u>	CATALYTIC	
Difference = _	o 		
3. Results: If the outlet temper (10°C) (or 10%) higher that temperature, the catalytic confunctioning correctly. OK	on the inlet converter is	NO. CO. PHO CO	0
NOTE: Some engines are ope		525	
that the catalytic converter has temperature of the converter n catalytic converter is functioning use a vacuum hose connected	s limited emissions to conay not show an increasing on a vehicle with verto a spark plug wire and tor jumper wire attached verter while one cylinder.	te in temperature. To check if the cry low exhaust emissions, simply d temporarily ground out one d to ground. Measure the inlet and er is grounded out. To avoid	
4. Based on the test results, w	that is the necessary act	ion?	_