

# Automotive Service Technician Program Competency Profile - Supplemental Tasks

## Student Information

Last Name
First Name
Telephone

**Directions:** Evaluate the student according to the rating scale to indicate the degree of competency. The rating for each competency should indicate employability readiness, rather than the grades given in class.

### 2012 NATEF Standards for Automotive Service Technology

#### Student Rating Scale:

- 1 = NO EXPOSURE - no experience or knowledge in this area
- 2 = KNOWLEDGE - can recall, explain, or has been exposed to this information
- 3 = LIMITED SKILLED - requires instruction and close supervision
- 4 = MODERATELY SKILLED - can perform job completely with limited supervision
- 5 = SKILLED - can work independently with no supervision

Score	<i>A. Shop and Personal Safety</i>	Date Completed
	1. Identify general shop safety rules and procedures.	
	2. Utilize safe procedures for handling of tools and equipment.	
	3. Identify and use proper placement of floor jacks and jack stands.	
	4. Identify and use proper procedures for safe lift operation.	
	5. Utilize proper ventilation procedures for working within the lab/shop area.	
	6. Identify marked safety areas.	
	7. Identify the location and the types of fire extinguishers and other fire safety equipment; demonstrate knowledge of the procedures for using fire extinguishers and other fire safe equipment.	
	8. Identify the location and use of eye wash stations.	
	9. Identify the location of the posted evacuation routes.	
	10. Comply with the required use of safety glasses, ear protection, gloves, and shoes during lab/shop activities.	
	11. Identify and wear appropriate clothing for lab/shop activities.	
	12. Secure hair and jewelry for lab/shop activities.	
	13. Demonstrate awareness of the safety aspects of supplemental restraint systems (SRS) electronic brake control systems , and hybrid vehicle high voltage circuits.	
	14. Demonstrate awareness of the safety aspects of high voltage circuits (such as high intensity discharge (HID) lamps, ignition systems, injection systems, etc.).	
	15. Locate and demonstrate knowledge of material safety data sheets (MSDS).	

#### *B. Tools and Equipment Computerized Engine Controls Diagnosis and Repair*

	1. Identify tools and their usage in automotive applications.	
	2. Identify standard and metric designation.	
	3. Demonstrate safe handling and use of appropriate tools.	
	4. Demonstrate proper cleaning, storage, and maintenance of tools and equipment.	
	5. Demonstrate proper use of precision measuring tools (i.e. micrometer, dial-indicator, dial-caliper).	

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### *C. Preparing Vehicle for Service*

1. Identify information needed and the service requested on a repair order.	
2. Identify purpose and demonstrate proper use of fender covers, mats.	
3. Demonstrate use of the three C's (concern, cause, and correction).	
4. Review vehicle service history.	
5. Complete work order to include customer information, vehicle identifying information, customer concern, related service history, cause, and correction.	

### *D. Preparing Vehicle for Customer*

1. Ensure vehicle is prepared to return to customer per school/company policy (floor mats, steering wheel cover, etc.).	
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