



Results by Standard

2024-2025

Technical Skills Assessment

Automotive Collision Repair

Legend (%)		
0-50%	51-75%	76-100%

Assessment: Automotive Collision Repair	% Correct 24-25
Number tested: 107	
CONTENT STANDARD 3.0: SAFETY PROCEDURES AND PROPER TOOLS	77.72%
Performance Standard 3.1: General Lab Safety Rules and Procedures	78.55%
3.1.1 Describe general lab/shop safety rules and procedures (i.e., safety test).	84.75%
3.1.2 Identify general lab/shop safety hazards.	58.05%
3.1.3 Describe the use and placement of floor jacks and jack stands.	90.25%
3.1.4 Identify and use proper procedures for safe vehicle lift operation.	83.90%
3.1.5 Describe proper ventilation procedures for working within the lab/shop area.	90.25%
3.1.6 Describe marked safety areas.	76.69%
3.1.7 Identify the location and the types of fire extinguishers and other fire safety equipment.	94.07%
3.1.8 Describe the procedures for using fire extinguishers and other fire safety equipment.	61.44%
3.1.9 Describe the location and use of eye wash stations.	43.22%
3.1.10 Identify the location of the posted evacuation routes.	85.17%
3.1.11 Comply with the required use of personal protective equipment (PPE) during lab/shop activities.	69.49%
3.1.12 Wear appropriate clothing for lab/shop activities.	89.83%
3.1.13 Secure hair and jewelry for lab/shop activities.	84.32%
3.1.14 Describe safety aspects of supplemental restraint systems (SRS), Advanced Driver Assistance Systems (ADAS), hybrid vehicles, alternative fuel vehicles, electric vehicles, and high-voltage circuits.	79.66%
3.1.15 Describe the location and purpose of safety data sheets (SDS).	69.49%
Performance Standard 3.2: Tool Identification, Use, and Safety	73.73%
3.2.1 Identify the correct tool for a specific application or repair.	86.44%
3.2.3 Demonstrate safe handling and use of tools.	93.22%
3.2.4 Describe the need for cleaning, storing, maintaining, and removing (i.e., lockout/tagout) tools and equipment.	41.53%

Assessment: Automotive Collision Repair	% Correct 24-25
Number tested: 107	
CONTENT STANDARD 4.0: DAMAGE ANALYSIS, ESTIMATING, AND CUSTOMER SERVICE	62.71%
Performance Standard 4.1: Vehicle Construction and Parts	52.26%
4.1.1 Identify type of vehicle construction (i.e., unibody, body-on-frame).	51.98%
4.1.3 Identify impact energy absorbing components.	66.95%
4.1.4 Identify damage to types of steel; determine reparability.	37.85%
Performance Standard 4.2: Damage Analysis	74.15%
4.2.2 Access original equipment manufacturer (OEM) repair procedures and recommended repair methods.	91.24%
4.2.7 Disassemble a vehicle for repair planning (i.e., blueprinting).	87.85%
4.2.9 Perform visual inspection of structural and non-structural components.	44.63%
4.2.10 Determine parts, components, material type(s), and procedures necessary for repair.	72.88%
Performance Standard 4.3: Estimating Procedures	48.31%
4.3.2 Document vehicle identification number (VIN) information, including nation of origin, make, model, restraint system, body type, production date, engine type, and assembly plant.	48.31%
CONTENT STANDARD 5.0: NON-STRUCTURAL ANALYSIS AND DAMAGE REPAIR (BODY COMPONENTS)	72.33%
Performance Standard 5.1: Outer Body Panel Repair, Replacement, and Adjustments	76.73%
5.1.7 Protect panels, glass, interior parts, and other vehicles adjacent to the repair area.	67.37%
5.1.10 Inspect, remove, and reinstall repairable plastics and other components for off-vehicle repair.	68.08%
5.1.11 Inspect, remove, and replace seatbelt and shoulder harness assembly and components.	82.77%
5.1.12 Inspect restraint system mounting areas for damage; repair as needed.	85.59%
Performance Standard 5.2: Metal Finishing and Body Filling Techniques	56.50%
5.2.1 Identify substrate, determining the best repair method.	74.29%
5.2.5 Prepare surface per OEM specifications.	38.70%
Performance Standard 5.3: Moveable Glass and Hardware Components	95.76%
5.3.2 Inspect, adjust, and repair, remove, reinstall, or replace weather-stripping.	95.76%
Performance Standard 5.4: Metal Welding and Cutting Techniques	76.95%
5.4.8 Protect adjacent panels, glass, and vehicle interior from welding and cutting operations.	74.01%
5.4.9 Protect computers and other electronic control modules during welding procedures.	81.36%
CONTENT STANDARD 7.0: PAINTING AND REFINISHING TECHNIQUES	62.15%
Performance Standards 7.1: Safety Precautions	39.27%
7.1.7 Select and use appropriate PPE in the painting and refinishing environment.	39.27%

Assessment: Automotive Collision Repair	% Correct 24-
Number tested: 107	25
Performance Standard 7.2: Surface Preparation Techniques	73.59%
7.2.7 Featheredge areas to be refinished.	66.95%
7.2.9 Mask and protect other areas that will not be refinished.	80.23%
CONTENT STANDARD 8.0: REASSEMBLY AND TESTING	68.86%
Performance Standard 8.1: Predelivery Process	68.86%
8.1.2 Demonstrate reassembly procedures and test and verify systems (e.g., lighting, windows, doors, safety sensors).	66.10%
8.1.6 Torque lug nuts to OEM specifications if wheel was removed.	73.45%
CONTENT STANDARD 9.0: DETAILING	73.73%
Performance Standards 9.1: Detail Procedures	73.73%
9.1.7 Complete quality control, using a checklist.	73.73%