SELF-EVALUATION TEST
BODY REPAIR

This test contains three modules dealing with the knowledge and skills required to obtain a competency card in the field of automobile body repair.

- Blueprint reading and measurement
- Welding and cutting
- Restructuring techniques

Identification

Last name:_____
First name:_____
C/C #: _____

The CPA Montréal developed this self-evaluation test in collaboration with Emploi-Québec in order to avoid you being disappointed when you receive the results of your qualification exam. The goal of the self-evaluation test is to help assess your knowledge of **automobile body repair**. This test will also help you determine what level you have reached in the learning process before you decide to take the qualification exam.

In order to be accurate, the test must be taken with seriousness and honesty, especially since it will be used to determine the amount of training that is necessary or the extent to which you are ready for the professional qualification exam.

The results will be used for general evaluation only and will not be included in your file. It will be used especially to guide you in preparing for the exam.

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<u>Directions</u>:

Simply check the **"Yes"** or **"No"** box located to the right of each question.

For example:

	Yes	No
1. Can you explain how manufacturers make the passenger compartment of a vehicle strong enough to keep its shape?	☑	☐

After each module, the system will calculate the number of **"Yes"** selected and interpret the results.

The result of each module will be automatically compiled into the "Results" table at the last page of the self-evaluation test.

MODULE 1 BLUEPRINT READING AND MEASUREMENT

	Yes	No
1. Do you know how to use the different body diagrams and measurement manuals?	☐	☐
2. Do you know how to use the legend on a body diagram?	☐	☐
3. Do you know how to interpret a body diagram?	☐	☐
4. Do you know how to use a tram gauge?	☐	☐
5. Do you know how to install a self-centering universal measuring system on a damaged vehicle?	☐	☐
6. Do you know how to take the proper measurements for the repair of a damaged vehicle?	☐	☐
7. Do you know how to interpret an actual (real) measurement on a body diagram (point to point)?	☐	☐
8. Do you know how to interpret measurement projections on a body diagram?	☐	☐
9. Do you know how to interpret a datum line?	☐	☐
10. Do you know how to interpret a centre line?	☐	☐
11. Do you know how to interpret the different types of measurements (width, length, height and X) for straightening?	☐	☐
12. Do you know how to find the different reference holes on the vehicle underbody?	☐	☐
13. Do you know how to find the different reference holes on the body using a body diagram?	☐	☐
14. Do you know how to take measurements by comparison?	☐	☐
15. Do you know how to measure the wheelbase on a vehicle?	☐	☐
16. Do you know how to identify accident damage to a vehicle suspension?	☐	☐
17. Do you know how to identify accident damage to a vehicle steering system?	☐	☐
18. Do you know how to visually assess damage before the repair?	☐	☐
19. Do you know how to identify primary and secondary damage to a vehicle?	☐	☐
20. Do you know how to identify structural damage?	☐	☐

BLUEPRINT READING AND MEASUREMENT (CONT.)

Total : 0

MODULE 2 WELDING AND CUTTING

	Yes	No
1. Do you know the precautions for Mig welding?	☑	☐
2. Do you know how to install a tank for shielding gas as per the manufacturer's specifications?	☑	☐
3. Do you know how to install a wire spool?	☑	☐
4. Do you know how to adjust gas flow when starting a welder?	☑	☐
5. Do you know how to adjust driver roller tension?	☑	☐
6. Do you know how to adjust a welder?	☑	☐
7. Do you know what the diameter of a plug weld should be?	☑	☐
8. Do you know what is added to the gaz nozzle to prevent accumulations of molten metal?	☑	☐
9. Do you know the characteristics of a good weld bead?	☑	☐
10. Do you know the causes of poor weld bead penetration?	☑	☐
11. Do you know the methods of controlling heat accumulation?	☑	☐
12. Do you know how to adjust the welder for the different positions?	☑	☐
13. Do you know the different metal alloys and their main areas of use?	☑	☐
14. Do you know the characteristics of aluminum welding?	☑	☐
15. Do you know the different cutting techniques and methods?	☑	☐
16. Do you know the principles, recommendations and restrictions associated with cutting?	☑	☐
17. Do you know coupling methods and techniques?	☑	☐
18. Do you know the sectioning techniques for butt joints with original or insert sleeve?	☑	☐
19. Do you know the sectioning techniques for lap joints?	☑	☐
20. Do you know what precautions to take for cutting?	☑	☐

Total: 20

You are ready to take the test in this module.

MODULE 3 RESTRUCTURING TECHNIQUES

	Yes	No
1. Do you know how to visually assess damage before a repair?	☐	☐
2. Do you know the different techniques for repairing dented body panels?	☐	☐
3. Do you know how to check body shapes?	☐	☐
4. Can you explain how to repair body parts using aluminum and steel panels?	☐	☐
5. Can you explain how sound insulation products are applied?	☐	☐
6. Do you know how to replace interior trim using recommended procedures?	☐	☐
7. Do you know how to replace exterior trim using recommended procedures?	☐	☐
8. Do you know how to replace door components using recommended procedures?	☐	☐
9. Do you know how to replace a windshield or rear window using recommended procedures?	☐	☐
10. Are you experienced with the different air bag restraint systems, retracting seat belts and other passenger safety devices?	☐	☐
11. Do you know how to check a windshield wiper system and a defrost system with heater element?	☐	☐
12. Can you identify cooling system components and their characteristics, and can you replace one of the components?	☐	☐
13. Do you know how to replace movable body parts and align them?	☐	☐
14. Can you identify air conditioning system components and characteristics and perform system maintenance?	☐	☐
15. Can you identify the safety measures for grinding, welding, cutting metal and for sanding body panels?	☐	☐

RESTRUCTURING TECHNIQUES (CONT.)

	Yes	No
16. Do you know how to correctly use a frame station (frame master) on a damaged vehicle?	☐	☐
17. Do you know how to establish a work procedure for straightening?	☐	☐
18. Do you know how to take body measurements on a damaged vehicle using a system that measures in three dimensions?	☐	☐
19. Can you carry out a complete straightening (cutting, welding, anti-corrosion protection and replacement of mechanical components)?	☐	☐
20. Do you know the safety measures for cutting, welding, applying anti-corrosion protection, and installing mechanical components?	☐	☐

Total : 0

Identification

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		I need to refresh my knowledge	
	I am ready for the exam	**Self-training guide**	**Course**
Blueprint reading and measurement			
Welding and cutting	X		
Restructuring techniques			

If you are ready to take the exam, please complete the application form for the exam.

To purchase a self-study guide, please complete the order form and send it by mail with your paiement.

For training, please contact the Training Department at 514 288-3003.

To ensure rapid processing of your qualification record, you can inform us of your results by telephone at 514 288-3003 or by fax at 514 288-2984.