

# RED SEAL STUDY GUIDE AUTOMOTIVE REFINISHING TECHNICIAN YEAR 3

**25 EXAM PREP QUESTIONS  
WITH ANSWERS**



APPRENTICES | INSTRUCTORS | INSTITUTES

[RedSealStudyGuide.ca](http://RedSealStudyGuide.ca)

UNITY CREST SOLUTIONS INC.

# INTRODUCTION

## **Introducing the Red Seal Study Guide – Automotive Refinishing Technician.**

Ready to dive into the world of Automotive Refinishing Technician? Meet your ultimate companion – the Red Seal Study Guide for Automotive Refinishing Technician. This practical booklet is your go-to practice tool to conquer your Automotive Refinishing Technician exam.

Presented in an easy Q&A format, this guide lets you preview the kinds of questions you'll tackle on the real exam day. Consider it a sneak peek into what's coming your way!

Inside its pages, you'll find a treasure trove of Automotive Refinishing Technician essentials. It's more than just answering questions – it's about truly grasping the basics of Automotive Refinishing Technician in a way that sticks. Whether you're starting fresh or aiming to refine your skills, this guide has got you covered.

So, get set to challenge yourself, learn in a breeze, and build up your Automotive Refinishing Technician expertise. With the Red Seal Study Guide, you're all set to take that significant stride toward becoming a certified Automotive Refinishing Technician.

Ready to get started? For more information, tips, and resources,



# DISCLAIMER



## Study Guide Disclaimer: Important Notice

The Red Seal Study Guide – Automotive Refinishing Technician is a reference tool meant to enhance your exam preparation. It offers insights into potential question formats. However, it's vital to know that this guide should complement, not replace, official government-issued study materials.

For comprehensive readiness, we recommend using both this guide and official resources provided by relevant authorities. Please note that this guide covers exams across Canadian provinces, but slight content variations might exist.

For your best chance at success, ensure a well-rounded preparation approach that includes official materials.

Good luck on your path to becoming a certified Automotive Refinishing Technician!

For more information, tips, and resources, head over to [www.RedSealStudyGuide.ca](http://www.RedSealStudyGuide.ca)



**1. Overheating the frame rail after removing sharp buckles leads to what outcome?**

- A: Sagging
- B: Metal cracking
- C: Softening metal
- D: Annealing

**2. A cartridge-style respirator aims to:**

- A: Improve your appearance for optimal social appeal
- B: Improve air quality by reducing particles, providing pure oxygen, and reducing odors
- C: Turn exhaled CO<sub>2</sub> into oxygen for rebreathing
- D: Reduce the particulate in the air you breath

**3. Repairing water pumps, radiators, etc.**

- A: Electricity repairs
- B: Substantial fixes
- C: Minor fixes
- D: Mechanical fixes

**4. Terminals that fit together and are used in pairs are called?**

- A: Polarized and non-polarized
- B: Termination
- C: Lug
- D: Male and female

**5. Which phrase describes a color's intensity or grey (black and white) content?**

- A: Chroma
- B: Tint
- C: Hue
- D: Dark

See answers on the next page.



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**6. Inertial forces typically occur during collisions.**

- A: Damage off-target
- B: Make apparent damage
- C: Only affects nonstructural components
- D: Effect only on the local vicinity of the collision

**7. The following surfaces can be used to mix body filler, except:**

- A: Glass
- B: Cardboard
- C: Metal
- D: Plastic

**8. The length and which of the following classify hydraulic rams used in hydraulic pulling equipment?**

- A: Pulling capacity
- B: Width volume
- C: Oil type
- D: Height

**9. Common heart attack symptoms include:**

- A: Pain in the chest or upper body
- B: Sharp lower spine pain
- C: Lack of bowel control
- D: Restlessness and anxiousness

**10. Torch inclination refers to the angle of the torch compared to what?**

- A: Welding angle
- B: Torch tip
- C: Journey direction
- D: Metal angle

See answers on the next page.



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**11. Use 320-grit aluminum sandpaper for which of the following?**

- A: Topcoat dry sanding
- B: Before painting, sand primer-surfacer and paint
- C: For cleaning, polishing, buffing
- D: Sanding color coat wet or dry before polishing

**12. These repaired with air pressure or electricity. These include air wrenches, air and electric drills, sanders, etc.**

- A: Hand tools
- B: Power tools
- C: Professional destruction
- D: Any tools

**13. What temperature should single-stage polyurethane be baked at?**

- A: 120
- B: 180
- C: 140
- D: 160

**14. ABS means automotive basecoat system.**

- A: True
- B: False

**15. Which form of damage is least likely on a unibody vehicle?**

- A: Diamond
- B: Twist
- C: Sidesway
- D: Front sag

See answers on the next page.



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**16. What are essential welds for installing door skins on door panels?**

- A: The door hinge is silenced by welds connecting the door to the door skin
- B: Pad in place
- C: Welding surrounding key slot
- D: Secure the skin

**17. The correct ratio of water to sulfuric acid in battery electrolyte is approximately?**

- A: 65% water, 35% sulfuric acid
- B: 20% water, 80% sulfuric acid
- C: 45% water, 55% sulfuric acid
- D: 25 % sulfuric acid, 75 % water

**18. Which components use thermocouples?**

- A: Coolant temperature
- B: Temperature changes
- C: Oil pressure sensors
- D: Sending units for fuel gauges

**19. What prevents overcharging of the battery?**

- A: Lead fuse
- B: Voltage regulator
- C: Alternator
- D: Rectifier

**20. Anti-rust procedures for body parts.**

- A: A corrosion protection
- B: Paint choice
- C: Surface prep
- D: Custom painting

See answers on the next page.



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**21. In PAC cutting, what are the two approaches for initiating the arc?**

- A: Starting still and traveling
- B: Start chisel and nick
- C: Push-and-cross start
- D: Start edge-pierce

**22. Which brake system assertion is false?**

- A: A blistering hose doesn't have to be replaced
- B: The brake line is the main brake component that needs to be replaced
- C: All autos must have two
- D: The wheel cylinder turns hydraulic pressure into mechanical force

**23. A rack-and-pinion steering unitized body vehicle binds when turning right after collision repairs. Which could be the cause?**

- A: Bent rack gear
- B: Strut bearing damage
- C: Damaged ball joint
- D: A strut bent

**24. What spray gun applies thickly-bodied rubberized undercoats and gravel guards to body panels?**

- A: Plastikote
- B: Electrostatic
- C: Shutz
- D: Huff

**25. What type of spray gun has the maximum transfer efficiency?**

- A: Pressure-fed sprayer
- B: HVLP sprayer
- C: Spray gun C suction
- D: Conventional airbrush



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