

RED SEAL STUDY GUIDE MILLWRIGHT YEAR 2

SAMPLE
25 EXAM PREP QUESTIONS
WITH ANSWERS



APPRENTICES | INSTRUCTORS | INSTITUTES

RedSealStudyGuide.ca

UNITY CREST SOLUTIONS INC.

INTRODUCTION

Introducing the Red Seal Study Guide – Milwright Technician.

Ready to dive into the world of Milwright Technician? Meet your ultimate companion – the Red Seal Study Guide for Milwright Technician. This practical booklet is your go-to practice tool to conquer your Milwright 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 Milwright Technician essentials. It's more than just answering questions – it's about truly grasping the basics of Milwright 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 Milwright Technician expertise. With the Red Seal Study Guide, you're all set to take that significant stride toward becoming a certified Milwright Technician.

Ready to get started? For more information, tips, and resources, head over to www.RedSealStudyGuide.ca
Milwright Technician success starts here – dive in!



DISCLAIMER

Study Guide Disclaimer: Important Notice

The Red Seal Study Guide – Milwright 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 Milwright Technician!

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Let's craft your future together!



1. What lubricant is utilized under shock load?

- A: Light oils
- B: Extra high
- C: Pressure oils
- D: EP synthetic oil

2. What is the word for hook opening?

- A: The mouth
- B: Throat
- C: Jaw
- D: Neck

3. Photoelectric proximity sensor sensing range?

- A: 1mm-60mm
- B: 4mm-40mm
- C: 3mm-60mm
- D: 3mm-30mm

4. Key seat mills are portable and suitable for shaft diameters from 0.5 to inches.

- A: 36
- B: 24
- C: 12
- D: 48

5. Retracting a cylinder hits the bottom. This condition is fixed how?

- A: Release pressure
- B: Adjust cushion
- C: Decrease load
- D: Raise pressure

See answers on the next page.



1. ☐ A ☐ B ☐ C ☒ D

Note: _____

2. ☐ A ☒ B ☐ C ☐ D

Note: _____

3. ☒ A ☐ B ☐ C ☐ D

Note: _____

4. ☐ A ☒ B ☐ C ☐ D

Note: _____

5. ☐ A ☒ B ☐ C ☐ D

Note: _____



6. Drive pulley lagging increase?

- A: Tension
- B: At contact point
- C: Friction
- D: Power

7. How are hardened work components softened?

- A: Procedure annealing
- B: Normalizing
- C: Tempering
- D: Full annealing

8. Pressure line filters frequently have bypass valves.

- A: True
- B: False

9. Which driving system is appropriate for extreme heat?

- A: Chain
- B: Flat
- C: Round
- D: "V"

10. Which is a basic welding joint?

- A: Lap Joint
- B: Surface Joint
- C: Fillet Joint
- D: Groove Joint

See answers on the next page.



6. ☐ A ☐ B ☒ C ☐ D

Note: _____

7. ☐ A ☐ B ☐ C ☒ D

Note: _____

8. ☐ A ☒ B ☐ C ☐ D

Note: _____

9. ☒ A ☐ B ☐ C ☐ D

Note: _____

10. ☒ A ☐ B ☐ C ☐ D

Note: _____



11. A basic hydraulic system pushes fluid from the reservoir into the pump outlet by pressure.

- A: Gravimetric
- B: Reciprocated
- C: Inverse
- D: Atmospheric

12. What shielding gas improves GTAW penetration, speed, and heat-impacted zone?

- A: Argon/CO2 mix
- B: Argon
- C: Helium
- D: Hydrogen

13. What component has MCB-like proportions but cannot be utilized for automated tripping?

- A: Relay
- B: Isolator
- C: Starter
- D: Fuse

14. Brass flex plates seal external gear pumps' gears and brass wear plates seal vane pumps' rotors.

- A: True
- B: False

15. What bearing is good for high speeds?

- A: Ball
- B: friction
- C: Thrust
- D: Gib-joint

See answers on the next page.



11. ☐ A ☐ B ☐ C ☒ D

Note: _____

12. ☐ A ☐ B ☒ C ☐ D

Note: _____

13. ☐ A ☒ B ☐ C ☐ D

Note: _____

14. ☐ A ☒ B ☐ C ☐ D

Note: _____

15. ☒ A ☐ B ☐ C ☐ D

Note: _____



16. Compressor valves often undergo a year-long cycle.

- A: 1 billion
- B: 500 million
- C: 12 million
- D: 800,000

17. The best type of belt material is:

- A: Leather
- B: Polymers
- C: Rubber
- D: Plastics

18. Meter out implies where the flow control valve is.

- A: Anywhere in the circuit
- B: Immediately after the actuator
- C: Together with DCV
- D: On the return line after the Regulator

19. Belt drives use 9.6875" and 6.255" pulleys. The Centre distance is 28.375". The correct belt length?

- A: 89.98"
- B: 85.88"
- C: 81.88"
- D: 81.5"

20. The distance between chain pin centers is?

- A: Arc
- B: Rating
- C: Curve
- D: Pitch

See answers on the next page.



16. ☐ A ☒ B ☐ C ☐ D

Note: _____

17. ☐ A ☒ B ☐ C ☐ D

Note: _____

18. ☐ A ☒ B ☐ C ☐ D

Note: _____

19. ☐ A ☐ B ☒ C ☐ D

Note: _____

20. ☐ A ☐ B ☐ C ☒ D

Note: _____



21. What calibrates a blade-type mechanical consistency transmitter's maximum range?

- A: Force bar
- B: Test weight
- C: Fulcrum
- D: Feedback unit

22. Bench vice box nuts are made of

- A: Mild steel
- B: Steel alloy
- C: White metal
- D: Phosphorus bronze

23. What accessory removes the tapered shank drill from the drill press spindle?

- A: Extractor
- B: Drift
- C: Socket
- D: Ratchet

24. What causes pump impellor tips to wear?

- A: Oil debris
- B: Tips enhance laminar flow
- C: Air-entrained oil
- D: Highly viscous

25. Which property measures wettability, surface tension, and slipperiness?

- A: Viscosity
- B: Oiliness
- C: Flashpoint
- D: Fire point



21. ☐ A ☒ B ☐ C ☐ D

Note: _____

22. ☐ A ☐ B ☐ C ☒ D

Note: _____

23. ☐ A ☒ B ☐ C ☐ D

Note: _____

24. ☒ A ☐ B ☐ C ☐ D

Note: _____

25. ☐ A ☒ B ☐ C ☐ D

Note: _____



- 1). (A) (B) (C) (D)
- 2). (A) (B) (C) (D)
- 3). (A) (B) (C) (D)
- 4). (A) (B) (C) (D)
- 5). (A) (B) (C) (D)
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- 19). (A) (B) (C) (D)
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- 21). (A) (B) (C) (D)
- 22). (A) (B) (C) (D)
- 23). (A) (B) (C) (D)
- 24). (A) (B) (C) (D)
- 25). (A) (B) (C) (D)





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