FREE PRACTICE QUESTIONS · 308A

TEN FREE SHEET METAL WORKER RED SEAL PRACTICE QUESTIONS (308A).

Edited by Trevor Mulder · Sources: Red Seal Program · Last checked October 26, 2026

Ten 308A Sheet Metal Worker questions in the format of the Red Seal exam: four options, one correct answer, no trick questions. They are free to use, print and share. There is nothing to sign up for on this page.

01 How to use these

The questions come from the TicketPrep 308A bank and are spread across the exam's work activities in the order and roughly the proportion the Red Seal Program publishes for this trade: A (performs common occupational skills), B (performs fabrication), C (installs air and material handling systems), D (installs roofing and specialty products), E (performs maintenance and repair). Answer each one before opening the explanation. Every explanation covers all four options, because, in the Red Seal Program's words, the incorrect options on the exam are not always obvious, and knowing *why* they are wrong is most of the skill.

- **Pace.** The Red Seal Exam Preparation Guide gives four hours of writing time; for the 120 questions on this exam that is about 2 minutes per question. Try these at that pace.
- **Print.** The printed version shows the questions and the answer key without the explanations, so it works as a handout. The explanations are on the web page.
- **Mark.** The Red Seal Exam Preparation Guide gives the pass mark as 70 percent; seven of ten here is the same bar.

02 The questions

Q1 · RECALL · PERFORMS COMMON OCCUPATIONAL SKILLS

A worker fastening metal coping along a flat roof's edge is on fall arrest, tied to a roof anchor rated for loading in any direction but set well off to one side of the work. What added hazard does the anchor's position create?

A. A pendulum swing into the wall or an obstruction.

B. Arrest forces higher than the energy absorber can limit.

C. A sideways pull that the anchor is not rated to hold.

D. Less clearance needed below, since the line runs at an angle.

Q2 · PROCEDURAL · PERFORMS COMMON OCCUPATIONAL SKILLS

A sheet metal worker will spend the week hanging rectangular duct in a crowded ceiling space, working between threaded hanger rods, strut and the corners of duct already hung. The hazard assessment lists blows to the sides and back of the head, and live lighting circuits overhead. Which hard hat is worn?

A. A Type 1, Class E hard hat.

B. A Type 2, Class E hard hat.

C. A Type 1, Class G hard hat.

D. A Type 2, Class C hard hat.

Q3 · PROCEDURAL · PERFORMS FABRICATION

A one-piece wrap for a 9 in. × 5 in. rectangular duct section closes with a single Pittsburgh lock at one corner. The shop adds 7/8 in. for the pocket edge and 1/4 in. for the flange edge. What is the gross stretch-out of the blank?

A. 15 1/8 in.

B. 28 in.

C. 29 1/8 in.

D. 30 1/4 in.

Q4 · RECALL · PERFORMS FABRICATION

A straight-line pattern for a rectangular duct fitting is marked with braking lines and a braking diagram before it goes to forming. What does the braking diagram give the brake operator?

A. The sequence in which the bends are made.

B. The sequence in which the cuts are made.

C. The lock type for each edge of the blank.

D. The bend allowance taken out at each bend.

Q5 · RECALL · INSTALLS AIR AND MATERIAL HANDLING SYSTEMS

A line laser will be used to lay out hanger positions for a long duct main in a brightly lit warehouse. Why is a green-beam laser often chosen over a red one for this work?

A. The eye sees a green beam as brighter.

B. A green beam is more accurate at range.

C. A green beam is safer to look into.

D. A green beam runs longer on its batteries.

Q6 · PROCEDURAL · INSTALLS AIR AND MATERIAL HANDLING SYSTEMS

A long rectangular supply main is being hung from an air handler outlet toward a fan coil unit already set at the far end. How is the last section, between the run and the fan coil, sized?

A. Fabricate it to the drawing length with the rest of the run.

B. Field-measure the gap once both ends are in, then make it.

C. Make it from flexible duct to take up any difference.

D. Order it long, and trim it on the ground before the run is hung.

Q7 · PROCEDURAL · INSTALLS ROOFING AND SPECIALTY PRODUCTS

Openings for small round vent pipes are being marked on a new standing seam metal roof before the vents are brought through. Where is each opening placed?

A. In the flat of a pan, with room for the flashing between seams.

B. Centred on a seam, where the panel is stiffest to carry it.

C. Wherever the vent falls, since a flashing boot seals over any seam.

D. Over a panel clip, so the clip supports the cut edge of the opening.

Q8 · PROCEDURAL · INSTALLS ROOFING AND SPECIALTY PRODUCTS

Exposed-fastener steel roof panels with lapped side seams will run up a gable roof whose eave runs east to west. The prevailing wind blows from the west. Where does the crew start the first panel?

A. At the west end, laying toward the east.

B. At the east end, laying toward the west.

C. At the middle of the eave, laying toward both ends.

D. At whichever end is nearest the hoisting point.

Q9 · RECALL · PERFORMS MAINTENANCE AND REPAIR

During a scheduled inspection of a running belt-drive roof exhaust fan, a rough growl comes from the drive, and a thermal imaging device shows the two fan-shaft bearings and the two motor bearings at the same temperature. Which instrument is used next to find the faulty bearing?

A. A stethoscope.

B. A tachometer.

C. A manometer.

D. A clamp-on ammeter.

Q10 · PROCEDURAL · PERFORMS MAINTENANCE AND REPAIR

On a quarterly inspection, the gauge across an air handler's filter bank reads 0.10 in. w.g. The checklist shows 0.25 in. w.g. when these filters were new and 0.35 in. w.g. last visit; fan speed and dampers are unchanged, and the gauge zeroes correctly. What should be done?

A. Extend the change interval, since the filters are loading slowly.

B. Look for torn, collapsed or missing filters letting air bypass.

C. Change the filters now, since a low drop shows the media is blinding.

D. Raise the fan speed until the drop is back to its last reading.

03 Answer key

QUESTION	ANSWER	WORK ACTIVITY
Q1	A	Performs common occupational skills
Q2	B	Performs common occupational skills
Q3	C	Performs fabrication

QUESTION	ANSWER	WORK ACTIVITY
Q4	A	Performs fabrication
Q5	A	Installs air and material handling systems
Q6	B	Installs air and material handling systems
Q7	A	Installs roofing and specialty products
Q8	B	Installs roofing and specialty products
Q9	A	Performs maintenance and repair
Q10	B	Performs maintenance and repair

04 More free questions

For the 308A exam itself, the 308A exam guide covers the work activities, their weights and how the exam is scored, and the 308A Sheet Metal Worker practice exam page describes the full TicketPrep 308A question bank. The same free format is available for the other 16 trades, plus the free guides on the pass mark, question counts, exam day and how to study.

310S
Automotive Service Technician questions

310T
Truck and Coach Technician questions

309A
Electrician questions

403A
Carpenter questions

421A
Heavy Duty Equipment Technician questions

332A
Hairstylist questions

433A
Industrial Mechanic Millwright questions

313A
Refrigeration & AC Systems Mechanic questions

415A
Cook questions

307A
Steamfitter/Pipefitter questions

456A
Welder questions

306A
Plumber questions

429A
Machinist questions

442A
Industrial Electrician questions

240P
Parts Technician questions

420B · 420A · 452A
Ironworker questions

HUB
All free practice questions

GUIDES
The Red Seal exam, explained

How these questions are written and checked: how our questions are made. Found a mistake? Tell us and we will fix it.

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05 Questions by exam block

Working on one part of the 308A exam? Each block has its own page with five more free questions, the tasks the block covers and their weights.

BLOCK A · 20% OF THE EXAM
Safety, Tools & Welding

BLOCK B · 31.7% OF THE EXAM
Pattern Layout & Fabrication

BLOCK C · 34.2% OF THE EXAM
Duct Installation & Balancing

BLOCK D · 8.3% OF THE EXAM
Metal Roofing & Cladding

BLOCK E · 5.8% OF THE EXAM

Maintenance & Repair