WATHIM

GCC exam prep

PRACTICE PACK

Saudi SVP Trade Test

Sample paper

Two questions from each of the 4 papers (Electrician, Plumber, HVAC / AC technician, Welder) with the answer sheet, key and every answer explained, after the guide that opens the full pack.

2026 edition · 200 questions · 4 papers

200	4	40 · 60m	50%
ORIGINAL QUESTIONS	PAPERS, ONE PER TRADE	QUESTIONS · MINUTES A PAPER	PASS MARK

Prepared by Wathim · wathim.com · info@wathim.com

Original practice material. Not the official question bank.

About this pack

Saudi SVP Trade Test Practice Bank · read this before you start.

200	4	4	100%
ORIGINAL QUESTIONS	EXAM-LENGTH PAPERS	TOPICS COVERED	ANSWERED AND SOURCED

Every question here comes with its correct answer, the reasoning, and the law, standard or study guide it is drawn from, so you learn the rule and not just the letter. The mix: 60 easier, 100 standard and 40 harder questions, marked on each one.

Electrician 50 · Plumber 50 · HVAC / AC technician 50 · Welder 50

The exam you are sitting

Type of test	Computer-based only, or computer-based plus a practical, depending on the occupation *PACC SVP FAQ, checked 13 October 2026*
Length	Up to 120 minutes. Older sources say 75 minutes, 30 + 30 minutes or, for Nepal, three hours. The current FAQ figure is the maximum. *PACC SVP FAQ, checked 13 October 2026*
Pass mark	50% *SVP International portal exam instructions, checked 13 October 2026*
Number of questions	Not published. The questions are random and vary between candidates. *HRSD procedural guide, May 2021*
Languages	9: Arabic, English, Hindi, Urdu, Filipino, Sinhala, Tamil, Bengali, Nepali. You choose at booking from the options offered. *PACC SVP FAQ, checked 13 October 2026*
Ways to take it	In person at a test centre (computer test on Prometric, plus a practical marked by an assessor), online with remote proctoring where offered for your occupation and country, or RPL, a document review with no test *SVPI Individual User Guide V7, November 2025, and portal text*
If you pass one part only	Pass the practical but fail the computer test and you retake the whole test, because the two parts count together *PACC SVP FAQ, checked 13 October 2026*
On the day	Original passport (or iqama inside the Kingdom) and the printed ticket. Arrive 30 minutes early. The user guide says 15; use the stricter figure. *PACC SVP FAQ; SVPI User Guide V7, November 2025*
Result	Usually at once, sometimes up to 5 days *PACC SVP FAQ, checked 13 October 2026*
Certificate valid for	2 years (computer-only or RPL) or 5 years (with a practical) *PACC SVP FAQ, checked 13 October 2026*

What these questions are. Original practice questions written by Wathim to the exam's published topics and to the laws and standards it tests. They are not real, recalled or leaked exam items, and no official question bank is published for this exam. Practising with honest original questions is the safe and effective way to prepare.

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Topic coverage

Topic	Questions in this pack	Share
Electrician	**50**	25%
Plumber	**50**	25%
HVAC / AC technician	**50**	25%
Welder	**50**	25%

Mark yourself

Score out of 40	Percentage	What it means
26-40	65-100%	Comfortably over the line. Keep the habit, sit the next paper cold.
20-25	50-63%	A pass, but a few questions either way decide it. Close your weakest topic first.
16-19	40-48%	Close. Read every answer you missed, then re-sit this paper in a week.
0-15	0-38%	A real gap. Work topic by topic before the next full paper.

> The pass mark is 50%: 20 of 40 on a paper this length.

How to use it

1. **Sit your own trade's paper cold**
   40 questions, 60 minutes, no notes, on the answer sheet. A paper sat in one go tells you what you would score on the day.
2. **Mark it, then read every answer**
   The total says where you are. The answers and their sources say why, and that is the part that moves the score.
3. **Work the revision bank for your paper**
   The questions no paper uses are in the revision bank file, with their answers beside them. Do them by topic, not in one sitting.
4. **Re-sit the paper a week later**
   Cover your old marks. If the score has not moved, you read the answers without learning the rule behind them.
5. **Then sit the timed mock online**
   The same bank runs as a timed mock at wathim.com/practice/saudi-svp-practice, which tracks what you keep missing.

What is in the download

6 PDFs, each with its own cover, named **Wathim - Saudi SVP Trade Test - *part*.pdf**. Print only the paper you are about to sit.

Start here	This guide: the exam, topic coverage, how to mark yourself and how to use the pack
Paper 1 - Electrician	40 questions · 60 minutes · answer sheet, key, every answer explained, and the score bands
Paper 2 - Plumber	40 questions · 60 minutes · answer sheet, key, every answer explained, and the score bands
Paper 3 - HVAC / AC technician	40 questions · 60 minutes · answer sheet, key, every answer explained, and the score bands
Paper 4 - Welder	40 questions · 60 minutes · answer sheet, key, every answer explained, and the score bands
Revision bank	40 more questions by topic, with the answer under each, and the night-before list of the hardest questions

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Answer sheet

Sample paper. Shade one letter per question, then mark it against the key at the end of the paper.

Name _____ Date _____ Score / 8

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)
6 (A) (B) (C) (D)	7 (A) (B) (C) (D)	8 (A) (B) (C) (D)		

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SAUDI SVP TRADE TEST

Sample paper: 8 questions

8 of **200** questions
sample

Choose the single best answer. Answers and reasoning follow.

Q1 Electrician STANDARD

A three-phase motor hums, does not start, and then the overload trips. One supply fuse has blown. What is this fault called?

(A) Phase reversal
(B) Single phasing
(C) Earth leakage
(D) Overvoltage

Q2 Electrician EASY

Why must a cable not be bent more tightly than the minimum bending radius in the maker's data?

(A) A tight bend can damage the insulation and the conductors
(B) A tight bend raises the current rating of the cable
(C) A tight bend makes the cable easier to pull later
(D) A tight bend reduces the voltage drop in the cable

Q3 Plumber STANDARD

What does a thermostatic mixing valve (TMV) fitted near a basin do?

(A) It keeps the stored hot water above 60 °C day and night
(B) It stops cold water from flowing back into the heater
(C) It lowers the water pressure at the tap to stop splashing
(D) It blends hot and cold water to a set, safe temperature

Q4 Plumber STANDARD

An old grey cement drain pipe must be removed from a building built before 2000. What should the plumber do first?

(A) Have it checked for asbestos before cutting or breaking it
(B) Cut it with an angle grinder and sweep up the dust after
(C) Break it up with a hammer while it is dry to save time
(D) Paint it with water-based paint to seal it, then cut it

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Q5 HVAC / AC technician STANDARD

What is the most accurate way to put the exact refrigerant charge into a split system after evacuation?

(A) Charge until the pipe feels cold by hand
(B) Charge until the gauge shows a set pressure
(C) Charge until the sight glass shows bubbles
(D) Weigh it in with electronic charging scales

Q6 HVAC / AC technician STANDARD

Why are flare nuts tightened with a torque wrench to the value given by the maker?

(A) A loose joint leaks, and an over-tight one cracks
(B) It stops the nut from rusting in the outdoor air
(C) It stops oil getting into the indoor unit pipes
(D) It makes the joint easier to undo with bare hands

Q7 Welder EASY

Why are tack welds placed at intervals along a joint before the main weld?

(A) To test the welder's skill before the main weld
(B) To preheat the joint so that no further heat is needed
(C) To mark the length of weld that the drawing shows
(D) To hold the parts in line and keep the root gap

Q8 Welder STANDARD

Why is thick carbon steel often preheated before welding?

(A) To burn off the mill scale so that no grinding is needed
(B) To slow the cooling and lower the risk of hydrogen cracking
(C) To make the steel softer so the welding current can be lower
(D) To raise the speed of welding so the job is done faster

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Answer key at a glance

Mark your sheet and count your score first. Then read every answer below, including the ones you got right: a lucky guess looks the same as knowledge on the sheet.

1 **B**	2 **A**	3 **D**	4 **A**	5 **D**	6 **A**	7 **D**	8 **B**

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Sample paper: answers and reasoning

Why the answer is right, why the others are not, and where the rule comes from.

Q1 Answer: **B Single phasing**

With one phase lost, a stopped three-phase motor cannot produce a rotating field, so it hums and draws high current until the overload trips. Phase reversal makes a motor run backwards, but it still starts.

Source: IEC 60947-4-1 Low-voltage switchgear and controlgear, contactors and motor-starters (overload relays with phase-loss sensitivity)

Q2 Answer: **A A tight bend can damage the insulation and the conductors**

Bending too tightly stretches and cracks the insulation and sheath and can strain the conductors, which leads to faults later. IEC 60364-5-52 requires the bending radius to be such that conductors and insulation are not damaged. A bend never improves the current rating.

Source: IEC 60364-5-52 Selection and erection of electrical equipment, wiring systems (mechanical stresses and bending radius)

Q3 Answer: **D It blends hot and cold water to a set, safe temperature**

A TMV mixes hot and cold water and holds the outlet temperature steady, reducing the risk of scalding while the water heater can still store water hot enough to control Legionella. It does not control the stored temperature, which is set by the heater thermostat.

Source: HSE, Managing the risks from hot water and surfaces in health and social care; HSE HSG274 Part 2

Q4 Answer: **A Have it checked for asbestos before cutting or breaking it**

Many old cement pipes, flues and tanks contain asbestos cement. Cutting with a power tool or breaking it dry releases fibres that cause cancer years later. It must be identified first, and then removed by a safe method with low dust, or by a licensed contractor where required.

Source: HSE HSG210 Asbestos essentials: A task manual for building, maintenance and allied trades on non-licensed asbestos work

Q5 Answer: **D Weigh it in with electronic charging scales**

The nameplate gives the charge as a mass, so weighing it in with scales is the most accurate method. Pressure alone is a poor guide, because it changes with indoor and outdoor temperatures and airflow.

Source: EPA Section 608 Technician Certification, Core material (charging); Whitman, Johnson, Tomczyk and Silberstein, Refrigeration and Air Conditioning Technology (charging by weight)

Q6 Answer: **A A loose joint leaks, and an over-tight one cracks**

A flare joint seals by metal-to-metal contact. If it is too loose it leaks, and if it is over-tightened the soft copper flare thins, cracks and later leaks. The torque wrench gives the right force for each pipe size.

Source: ISO 14903 Refrigerating systems and heat pumps, qualification of tightness of components and joints; Whitman, Johnson, Tomczyk and Silberstein, Refrigeration and Air Conditioning Technology (flare connections)

Q7 Answer: **D To hold the parts in line and keep the root gap**

Tack welds hold the parts in position and keep the correct root gap so they cannot move or close up as the main weld shrinks. Tacks should be made to the same standard as the main weld, because they often become part of it.

Source: AWS D1.1/D1.1M Structural Welding Code, Steel (tack welds); ISO 9692-1 Types of joint preparation

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Q8 Answer: **B** **To slow the cooling and lower the risk of hydrogen cracking**

Thick steel draws heat from the weld very quickly, which can give a hard, brittle zone. Preheat slows the cooling and lets hydrogen escape, so the risk of cold cracking falls. Preheat does not replace cleaning the joint.

Source: BS EN 1011-2 Welding, recommendations for welding of metallic materials, Part 2: Arc welding of ferritic steels (avoidance of hydrogen cracking); AWS D1.1/D1.1M (preheat)

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What the full pack contains

This sample takes two questions from each paper. The full pack is:

Start here	The guide at the front of this sample, in full
4 full papers	One for each of Electrician, Plumber, HVAC / AC technician, Welder: 40 questions · 60 minutes each, with answer sheet, key, every answer explained and the score bands
Revision bank	40 more questions by topic with the answer under each, and the night-before list
Total	200 original questions, every one answered and sourced

Get the full pack at **wathim.com/practice/saudi-svp-practice**

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