

TECHNICIAN CERTIFICATION EXAM

2011–2012 Technician Certification Exam Questions

Do not write on this form. Indicate answers on the Registration Form.

A score of 90%, or 23 correct answers, must be obtained to pass. In addition, questions 12 to 25 are considered core questions and must be answered correctly.

- 1. Mechanical inspections of rental equipment:**
 - a) Are required pre-season .
 - b) Ensure that all components are functioning properly.
 - c) Are required periodically in-season.
 - d) All of the above.
- 2. Salomon Technician Certification:**
 - a) Is valid for 2 years from the exam date and may be transferred between Salomon Authorized Alpine Binding Dealers.
 - b) Does not require that Certified Technicians be familiar with Salomon Bindings through hands-on experience.
 - c) Never has to be renewed. Once you've past the exam.
 - d) Is valid whether or not the employer is a Salomon Authorized Alpine Binding Dealer.
- 3. Workshop or Rental Forms must:**
 - a) Be used for every transaction.
 - b) Be kept on file for 5 years or for the statute of limitations.
 - c) Be signed by the customer and the Certified Technician.
 - d) All of the above.
- 4. If the mid-sole indicator on a Salomon jig and the mid-sole indicator on a boot do not agree, you should:**
 - a) Not install the binding.
 - b) Position the jig by splitting the difference between the two marks.
 - c) Leave the boot in the jig and use the mid-sole mark on the boot to position the jig on the ski.
 - d) Use the mid-sole mark on the jig to position it on the ski.
- 5. When a skier picks up their equipment from your shop make sure:**
 - a) Someone explains the use of the equipment to them and provides them with signed copies of the Workshop/Rental Form and Liability Release Agreement.
 - b) You wish them luck.
 - c) They speak with the technician who did the installation/ adjustment.
 - d) You only hand it over to the intended user.
- 6. A Post Accident Ski Equipment Inspection Report form:**
 - a) Must be completed each time an accident is reported.
 - b) Is a critical tool in defending liability claims.
 - c) Answers A and B.
 - d) Is only necessary in the case of lower body injuries.
- 7. A mechanical testing device:**
 - a) Gives consistent results even when it is operated incorrectly.
 - b) Is only used in rental shops.
 - c) Never needs re-calibration.
 - d) Requires properly trained technicians for consistent results.
- 8. When adjusting the toe height on Salomon Quadrax (Leisure) bindings, you should:**
 - a) Check your adjustment with a Salomon toe height card.
 - b) Use a Salomon rental adjustment tool for the toe height screw.
 - c) Answers A & B.
 - d) None of the above; toe height adjustment is automatic.
- 9. When is the forward pressure correct on the ZZ LAB and STH 12, 14 & 16.**
 - a) Place boot in binding and center with mid boot mark.
 - b) When the boot is in the binding and the top of the head screw is aligned with the back of the heel track.
 - c) When the boot in the binding, adjust DIN number.
 - d) There's no need for adjustment it is automatic.
- 10. Indemnified Bindings are:**
 - a) Not something a technician needs to know about.
 - b) Those that appear on the 2011/2012 Schedule of Indemnified Bindings in the Salomon Shop Practices Manual.
 - c) The 2011/2012 models only.
 - d) Any Salomon binding still in use.
- 11. What is Skier Type?**
 - a) The degree of skill a skier possesses.
 - b) A person who enjoys skiing.
 - c) Unnecessary information.
 - d) A classification system based on skiing preferences, not skier ability, and is the skiers responsibility to determine.
- 12. When testing the toe for elastic travel and return, the boot should:**
 - a) Move slightly off center then release completely.
 - b) Elastic travel only occurs while skiing and cannot be tested in the shop.
 - c) Move off center at least 5 mm and return to within 2 mm of its original position.
 - d) None of the above.
- 13. What should the visual indicator setting be for a skier who weighs 75 kg, height 155 cm, boot sole length 309 mm, skier Type II, age 54?**
 - a) 5.5 b) 4.5
 - c) 3.5 d) 3
- 14. If the mid-sole indicator on a Salomon jig and the mid-sole indicator on a boot do not agree, you should:**
 - a) Position the jig by splitting the difference between the two marks.
 - b) Not install the binding.
 - c) Leave the boot in the jig and use the mid-sole mark on the boot to position the jig on the ski.
 - d) Use the mid-sole mark on the jig to position it on the ski.
- 15. Skiers requesting personal settings higher or lower than are indicated by the 2011/2012 Salomon Adjustment Chart should:**
 - a) Be given the settings they want provided they sign a Requested Setting Release Agreement.
 - b) Be asked if they wish to identify themselves as Type III+ or Type -I and use the indicated settings.
 - c) Answer A or B.
 - d) Be instructed to adjust their bindings themselves.

TECHNICIAN CERTIFICATION EXAM > (continued)

2011–2012 Technician Certification Exam Questions (continued)

- 16. If there are no manufacturer's recommendations for drill bit selection you should:**
- Drill one hole with a 3.6 mm bit and check for metal before switching to a 4.1 mm bit.
 - Always use a 4.1 mm bit, all mounting platforms contain metal.
 - Drill the ski with the bit in your drill, you can't go wrong.
 - Use a 3.6 mm bit, you can always increase the torque on the screw-shooter.
- 17. If the forward pressure indicators on the heel are not aligning properly you should:**
- Remove the boot and move the heel forward or back to correct.
 - Make sure (adjustable) toe wings and toe height are correct.
 - Answers A & B.
 - Ignore it if they are close.
- 18. Examples of Salomon bindings that may be used with both junior & adult boot sole norms are:**
- You can't use an adult norm sole with a Salomon junior binding.
 - STH 12 & STH 16
 - 607 & 608
 - L 7 & TZ 5
- 19. A skier weighs 170 lb and measures 5'10" tall. He is a Type I skier who is 55 years old. What is his Skier Code on the Chart?**
- L
 - K
 - J
 - I
- 20. A nine year old is being fitted for her first pair of skis. She weighs 50 lb. What Skier Code would you use to help determine the visual indicator setting of her bindings?**
- 1.5
 - 2
 - C
 - D
- 21. What should the initial visual indicator setting be for a 225 lb, 6'6", Type III+ skier who is 35 years old and uses boots with a sole length of 309 mm?**
- 12
 - 11.5
 - 11
 - Not possible to determine.
- 22. A boot is considered incompatible with a Salomon binding if:**
- There is more than a 1 mm difference in sole flatness across its width.
 - It does not conform to Standard Boot Sole Dimensions.
 - It does not pass visual inspection.
 - All of the above.
- 23. You are testing a used boot-binding system on a mechanical testing device. The Salomon binding has a visual indicator setting of 5 and the boot sole is 317 mm long. What is the In-use Range for twist?**
- 37 to 67 N·m
 - 141 to 271 N·m
 - 43 to 58 N·m
 - 50 Newton meters
- 24. When mounting bindings, Salomon's recommendation for tapping is:**
- Always tap.
 - If you countersink the holes with the drill bit, there is no need to tap.
 - Always tap unless the manufacturer cautions against it.
 - Never tap. It's too easy to damage the ski or break the tap.
- 25. What is the correct maintenance procedure for Salomon binding?**
- You may use any solvent or high pressure liquids to clean bindings.
 - Bindings are self cleaning and do not need maintenance at any time.
 - Cleaning all exposed area of the components with a cloth or rag, cleaning binding housing, heel tracks and apply grease.
 - None of the above.

On-line Registration Instructions

Applying technicians must complete the 2011–2012 Salomon on-line certification registration and test. A score of at least 90% (23 correct answers) must be achieved to pass the exam. Applying technicians are not certified until a passing score is achieved.

- U.S. dealers** will find the on-line certification registration and test at: <http://www.salomoncertification.com>
- For the U.S., a \$12 fee will be invoiced for each Registration and Exam submitted on line at www.salomoncertification.com
- The U.S. fee is \$20 for each Registration/Exam submitted by mail or fax to Salomon, or for technicians certified by any approved industry training program.
Fax: (801) 334-4502
Salomon Certification/ Customer Service
Salomon USA
2030 Lincoln Ave
Ogden, UT 84401
- Canadian dealers** will find the on-line certification registration and test at: <http://www.salomonhookup.ca>