

Important: All volunteers supporting regular season events in the United States and Canada must be screened and assigned using the Volunteer Management System and are required to complete their certification test using the [online volunteer certification](#) system.

This test is provided publicly for team use and volunteer certification as needed at events outside of the United States and Canada.

Revision History	
Revision	Description
V25-26.1	Initial 2025-26 Season Release

Questions

- Q1. Which of the following **are not** typically a Lead Robot Inspector responsibility (select all that apply)
- A. Collaborate with the Event Director to create an inspection schedule.
 - B. Serve as a Robot Inspector during initial inspection.
 - C. Ensure the required tools, materials, and workspace are available.
 - D. Provide Robot Inspectors with guidance and enforcement on rulings.
 - E. Work with the FTA and Head Referee if a team is unable to pass inspection.
- Q2. True or False: The Lead Robot Inspector is tasked with helping teams who repeatedly fail inspection determine how to quickly resolve the failures to expedite the inspection process.
- A. True
 - B. False
- Q3. If a team repeatedly fails inspection, and it is determined that the team cannot pass inspection even with help, which of the following roles **is not typically included** in the discussion to decide how best to proceed? (select all that apply)
- A. Lead Robot Inspector
 - B. *FIRST* Technical Advisor
 - C. Event Director
 - D. Control Systems Advisor
 - E. Program Delivery Partner

- Q4. Robot re-inspections are commonplace for teams. Under which of these circumstances is a re-inspection required? (select all that apply)
- A. Robot was previously inspected with multiple configurations, and is now in one of those pre-inspected configurations.
 - B. Team removes or replaces fasteners on their robot.
 - C. Team makes a previously non-inspected structural change to their robot.
 - D. Replacement of an intake with an identical spare intake.
- Q5. A team has just completed their sixth reinspection of the day, and it appears that the team is reinspecting each match based on the capabilities of their opponents (by changing elements of their robot to match their opponents). In turn, the opposing teams are considering changes and being reinspected as well. As Lead Robot Inspector, how do you manage this? (select all that apply)
- A. Tell teams NO, they may no longer be re-inspected.
 - B. Teams can be re-inspected as many times as they want, so hurry up and re-inspect them and ensure they aren't late to their matches.
 - C. Teams who appear to be exploiting re-inspection to circumvent specific rules can be stopped per I306.
 - D. The Lead Robot Inspector may re-inspect robots, but it is the team's responsibility to ensure that they do not cause a delay to the start of their next match (regardless of how long it takes).
- Q6. Two team coaches bring the robot to inspection without any students present towards the end of the initial inspection window. The coach claims that the bus that the rest of the team is on has been delayed and they need to get the robot inspected so that they do not miss their first match. What is the most appropriate next step?
- A. Let the coaches know that this violates I308, and in order to inspect the robot there must be at least one student team member present. Once the students arrive, the team can find the Lead Robot Inspector and they will expedite inspection.
 - B. Let the coaches know that if the team is delayed too long, the team may not be included in the match schedule since without a student team member the team cannot complete check-in in per I102.
 - C. Verify with the coach that the team is actively on their way and ensure that the Event Director is aware of the situation. Allow the robot inspection to proceed, as allowed by the "transportation issues" exception in I308.
 - D. None of these are appropriate next steps.

- Q7. A Robot Inspector notices that a team has two servos on their robot that do not look like any other servos on their robot, the team has no documentation for any of their servos, and the servos are mounted too deep within their robot structures to positively visually identify. What should the Lead Robot Inspector advise the Robot Inspector to do?
- A. Ask the team to disassemble the structure to release the servo so that the servo can be identified. It's required that the inspector get exact visual confirmation.
 - B. Ask the team if they have any spare servos of that type. If the spare servo looks similar to the servos in the robot, and the spare servo is identified as pre-verified/pre-approved per the Inspection Quick Reference, go ahead and pass the servos.
 - C. Just pass the servos, it's unlikely that any servos the team is using are more than 8W, and it's clear the design would not be taking advantage of the extra power anyway.
 - D. Since you cannot verify the servos, require the team to replace the servos before proceeding with the inspection.
- Q8. The Robot Inspector at the team's first League Meet notices that a team is using an off-brand PS4 compatible gamepad on their operator console. It is identified that the gamepad does not appear in the legal gamepad table within R903. What is the most appropriate advice to the Robot Inspector?
- A. Don't worry about it, if the gamepad works for the team then it's fine.
 - B. Require that the team run out and purchase a legal gamepad before passing inspection. If they cannot acquire a gamepad in time, they are not allowed to compete at the meet.
 - C. Ask the team to speak with other teams at the Meet to see if they have a spare gamepad to borrow. If no spare can be located, allow the team to compete but require the team to obtain a legal gamepad before their next event and inform the League Coordinator to ensure this is verified at their next Meet.
 - D. Force the team to use your spare legal gamepad that you're pretty sure a few of the buttons don't work anymore. But, hey, it's better than not being allowed to compete.
- Q9. A Robot Inspector signs off on the inspection legality of a robot, and when that robot arrives at the field the Head Referee declares that robot illegal. What are the appropriate next steps between the Lead Robot Inspector (if available), the Head Referee, and the team? (select all that apply)
- A. It doesn't matter, the Head Referee has final determination in the ARENA.
 - B. Determine which G rule (e.g. G303-G305, G411) the HR believes is being violated. The HR shouldn't be evaluating the inspection checklist, so the options are limited in scope.
 - C. There should be an attempt between the HR, LRI (if available), and the team to perform good faith efforts (as long as time allows) to resolve the situation before a final decision is reached.
 - D. Before the team leaves the field, regardless of whether the situation is resolved, the team should receive guidance on what they can do to ensure this situation doesn't repeat.

- Q10. True or False: A team may request a different robot inspector than the one they are initially assigned to work with, or may invite the Lead Robot Inspector to participate in their robot's inspection. The team can do this for any (or no) provided reason.
- A. True
 - B. False
- Q11. True or False: Robot Inspectors are typically only expected to perform the role during the initial inspection window during the event, but the Lead Robot Inspector is expected to be able to serve in the Lead Robot Inspector role for the majority of the event.
- A. True
 - B. False

Answer Key

Question	Correct Response	Explanation	Rule
Q1	B	As per the Lead Robot Inspector manual, the LRI does not typically perform robot inspections during the initial inspection window but works to support inspectors.	
Q2	A	The Lead Robot Inspector is in the best position to help recommend solutions to teams who repeatedly fail inspection.	
Q3	D	The Control Systems Advisor (CSA) is likely one of the resources a team will use to help them pass inspection, and may provide valuable insight, but is not typically a leadership role deciding the final outcome (per the Lead Robot Inspector manual).	
Q4	C	Structural changes that aren't identical replacements or aren't covered by I304 or I305 warrant a reinspection of the robot.	I304 , I305
Q5	C, D	Teams who exploit re-inspection to circumvent other rules can be stopped per I306. Teams are responsible for making sure they do not cause significant delays to the start of a match regardless of how long it takes for re-inspection to be performed.	I306
Q6	C	In this situation, I308 provides wide latitude for the Lead Robot Inspector to help the team progress through inspection in cases where a reasonable exception can be made.	I308
Q7	B	In cases like this, it may be determined that getting absolute positive verification may cause the team unnecessary harm through requiring disassembly. The Lead Robot Inspector is empowered to find team-centric solutions that, while maybe not perfect, still lead to a confident and reasonable outcome.	R502
Q8	C	Lead Robot Inspectors are empowered to make decisions that impact the team experience while ensuring a proper amount of fairness for other teams. Option C provides a fair opportunity to fully rectify the situation while providing guidance that is not overly punitive for the team while providing necessary follow-up.	R903
Q9	B, C, D	In this situation the Head Referee pointed out a situation that may or may not have been able to catch during inspection. The Lead Robot Inspector is acting as an advocate for the team, as is the Head Referee, to help the team identify and correct the situation as expediently as possible. It is the responsibility of all FIELD Staff to ensure the team is evaluated fairly and quickly.	
Q10	A	Competition Manual section 3.3 provides this allowance for teams to ask for a different inspector or to ask the Lead Robot Inspector to participate in the inspection process.	Section 3.3
Q11	A	The Lead Robot Inspector is likely the only Inspector required to be serving in an inspection role after the initial inspection window, and should be available to perform re-inspections.	