

Overview

This document provides an overview of the Inspector volunteer role, including expectations, skills required, and recommended training. Inspectors are responsible for determining if robots are constructed within the rules outlined in the Game Manual. All teams must pass inspection before competing.

Responsibility

- Conduct inspections to verify the robots comply with the rules and specifications outlined in the **Official VEX IQ Game Manual**.
- Use the **Robot Inspection Checklist** to ensure compliance.
- Work with teams having difficulties to help them pass inspection.
- Perform re-inspections of teams who have modified their robots (if needed).

Training & Preparation

- Get familiar with how matches are run. It is helpful to attend a local event prior to volunteering.
- Review and learn all the rules in the **Official VEX IQ Challenge Game Manual** found at the bottom of the [VEX IQ Challenge](#) page, paying special attention to the **Robot Inspection** section.
- Review the **Inspection Guide, Robot Inspection Checklist**, and all online training materials, which may include documents, examples, and training videos. On the [Volunteer Resources](#) page select the **VEX IQ Challenge** tab and click on **Inspector** to reveal available training resources.
- Review the VEX IQ product line on the [VEX IQ Products](#) page.
- Review the **Official VIQC Q&A** on the [VEX IQ Forums](#).

On Event Day

Dress Code: Wear comfortable team-neutral clothing appropriate for a school related event, closed toe shoes, and a volunteer shirt (if provided).

Arrival: Sign in at Volunteer Check-in, then report to the Lead Inspector. If you are the Lead Inspector, report to the Volunteer Coordinator or Event Partner.

Location: Report to the Inspection tables at least 30 minutes prior to doors opening at your event. Refer to the event schedule for exact timing. Report early so you do not miss on-site training.

Supplies: Pen, clipboard, Team Lists, Inspection Checklist, Game Manual, Inspection Guide, measuring tape, #32 & #64 rubber bands as a comparison tool for reference, labels or stick-on dots for robots passing inspection, extra official VEX IQ license plates, laptop using TM software.

Inspection Process

Review the **Inspection Guide** document to learn about the details of the Inspection Process.

| Experience Level |
|---|
| <p>INTERMEDIATE</p>  <p>EXPERIENCE LEVEL</p> |
| Skills Needed |
| <ul style="list-style-type: none"> • This role is best served by ages 18 and up • Effective decision maker • Confident and projects authority • Thorough knowledge of VRC robot rules and VEX EDR product line • Basic knowledge of robot construction • Strong communication and diplomacy skills • Ability to collaborate with others as a team • Attention to detail |
| Physical Activity |
| <p>MIX OF SITTING & WALKING</p>  <p>MODERATE PHYSICAL ACTIVITY LEVEL</p> |