



2023 MATE World Championship
June 22-24 (check-in and safety inspections June 20-21)
Longmont, CO, USA

INFORMATION ABOUT WORKSTATIONS AND SAFETY INSPECTION PROTOCOL

Workstations:

- Workstations will be located in the large and small gyms at Silver Creek High School (F139 and F143). Companies will be assigned to a specific table. Each team will have a table and two chairs at their workstation. **NOTE:** Please be kind and courteous to the other companies at adjacent tables and share the space as best as possible.
- Companies will receive a map of the table layout and a list of table assignments in their team folders (this document will also be posted here - [World Championship \(materovcompetition.org\)](https://www.materovcompetition.org)).
- **NOTE:** Mentors and parents are permitted in the workstation areas. However, all work on the ROV must be done by the student team members. Mentors and parents are welcome to play an advisory role, but only the students should be hands-on.

Safety inspection protocol:

- Safety inspections will take place on Tuesday and Wednesday after your company's [scheduled check in at Silver Creek High School](#). Inspections will take place in a classroom located in the E Wing. Check in volunteers will point your company in the proper direction.
- Companies must bring their ROV and all equipment, including all controls, pumps, tanks, and other support equipment, to the inspection. Any items that do not go through safety inspection cannot be used during the product demonstration runs. No exceptions. This will be a powered inspection; safety inspectors will have a power supply at the inspection. **Companies must also have paper copies of their SIDs (including any Non-ROV Device SIDs) and company safety review.**
- Companies will receive their safety inspection score sheet in their folder at check in. Companies should present their safety inspection score sheet to inspectors when they enter the E Wing safety inspection room.
- Companies **MUST** complete their first safety inspection immediately after check-in.

- If a company passes its first inspection, the inspectors will sign off and stamp the inspection sheet PASSED and present the company with a blue SAFETY card to indicate that they have passed inspection and are cleared for the water. Safety inspectors will also seal the fuse holder with a tamper seal. If a company breaks that safety seal, they must return to the safety inspectors and be re-inspected prior to entering the water.
- If the company fails its first inspection, the issues will be noted and the company will lose 10 points. The safety inspection inspectors will return their safety inspection score sheet, with comments, to the company. The company will need to address the issues before returning for a second safety inspection.
- Additional safety inspections MUST be specially arranged with the safety inspectors.
- Companies returning for their second safety inspection should present their safety inspection score sheet when they approach the safety inspectors. If the issues noted on the sheet have been addressed, inspectors will sign off and stamp the inspection sheet PASSED and present the company with a blue SAFETY card. If the issues have NOT been addressed or if additional issues are discovered during the second inspection, inspectors will return the safety inspection score sheet to the company. The company will need to address the issues, and attempt their final safety check.
- If a company fails its final (third) safety inspection, that company will not be permitted to compete in the product demonstrations. The company can participate in its engineering presentation and marketing display.
- **NOTE:** Safety inspection score sheets of those companies that have PASSED the inspection will remain with the safety inspectors. The inspectors will submit the sheets to the official score keepers.
- The blue PASSED SAFETY card is important. Companies must present the blue PASSED SAFETY card to the official each time they enter the practice area or product demonstration station. **The blue PASSED SAFETY card is your ROV's entry into the water; you will not be permitted to place your vehicle in the water without it.** When you exit the practice area or product demonstration station, remember to take your blue PASSED SAFETY card with you.
- **DISQUALIFICATION:** MATE takes safety seriously but is not out to fail companies or prevent them from competing. Any issues found by the inspectors will be accompanied by suggestions on how to fix the problem. Before a company fails its third and final inspection, the safety inspectors will request the participation from the MATE head judge(s) to review the final inspection.

- **NOTE:** NAME BADGES MUST BE WORN AT ALL TIMES BY ALL COMPANY MEMBERS (STUDENTS AND MENTORS). Students without name badges will not be permitted to participate in the product demonstration run or engineering presentation. Mentors can attend the safety inspections but are not to interact with the safety inspectors during the inspection. Comments will only be given to the students.