



NFPA
Education and
Technology
Foundation



Fluid Power Action Challenge Rules

- Use of Artificial Intelligence (AI):
 - **Use AI in a purposeful manner that reflects the team's reasoning, content ownership, and insights.**
 - **Teams are not allowed to use AI (or agents) to create the machine design or generate the portfolio.**
- Demonstrate **SAFE behavior**; unsafe behavior can hurt you, the team, and others.
- Use only the materials and tools provided in your kits, outside materials and tools are not allowed.
- All movements of the device **MUST** be controlled using fluid power.
- If a team moves / powers its machine by hand or **IN ANY OTHER WAY**, the team will receive zero points for its "moving object" scores on the Challenge Board.
- If a team creates a machine that only works when **stabilized by hand(s)**, only 50% of the Challenge Board points will count.
- If your machine breaks during the 2-minute competition, **the team can attempt to repair it during the remaining time**, but all subsequent "moving object" points will be reduced by 50%.
- The Judges' decisions are final.