



# Safety Checklist

Team #: \_\_\_\_\_

Has the team's robot been approved for competition? **Y / N**

Name of Inspector: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Final Safety Grade:

Does the team in question have (In plain sight and easily accessible)?

- Fire extinguisher
- Battery Spill Kit (Minimum: Sodium Bicarbonate, Magnesium Sulfate, Leak-proof bag, Acid-resistant gloves)
- First-Aid Kit
- Safety Glasses
- Chemical Splash Goggles
- Chemical-Resistant Gloves (No Latex)
- Emergency Numbers (ex. 911)
- Closed-Toe shoes
- Ear-Protectors (ex. Ear Muffs or Plugs)
- Safety Data Sheets

Notes

## Hand & Portable Tools

- Are powered tools in good condition with no evidence of damage?
- Are tools properly stored when not in use?
- Are guards and safeties in place and operational?

### Notes

## Chemicals

- Are chemical containers properly labeled and in good condition with no sign of damage?
- Are SDSs posted/readily available and team members aware?

### Notes

## Electrical

- Are cords and plugs free of broken insulation, exposed wiring, and provided with grounded connections, or double insulated?
- Are electrical outlets overloaded? (1 power strip used per outlet)
- Is the battery charger situated so there is air circulating around it?
- Are the batteries visibly ok, terminals not bent, and no cracks in case?

### Notes

## The Pit

- Is team equipment within the designated space? Aisle clear?

- Is the area free of slipping and tripping hazards?
- Is storage of materials orderly?
- Does the area conform to the 10' height restriction? This includes banners, signs, and all construction.
- Are the work surfaces neat and uncluttered?

Notes

### Approved Personal Protective Equipment (PPE)

- Is PPE available for FIRST Robotics Competition participants and their visitors?
- Is PPE worn by team members where required/posted?
- Is PPE properly maintained and stored?

Notes

### Respect of Stored Energy Dangers

- After competing: Does the team relieve electrical, pneumatic, and miscellaneous energy before moving the robot off the field?
- In the pit: Does the team ensure no one is working on the robot while it is energized?

Notes