

# Incident Reporting! Accidents, Injuries and Near Misses!

## ROLLING THUNDER PROBLEM SOLVING SHEET

Use this form to evaluate a Problem / Incident and develop a Corrective Action Plan to monitor changes your mentor, safety captain, or the event Safety Advisor recommends.



**Problem / Incident Identification:**

Date / Time: \_\_\_\_\_ Location \_\_\_\_\_

Activity \_\_\_\_\_

Statement of the problem / incident (What happened? What was the result? What requirement is not being met?) \_\_\_\_\_

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Cause Determined (What caused the incident? Why was the requirement not being met?) \_\_\_\_\_

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**Corrective Action Development**

Possible Solution	Pros of Solution	Cons of Solution	Solution Selected?

**Additional Preventive Actions Possible** (to prevent the action from re-occurring) \_\_\_\_\_

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Target Date for Solution \_\_\_\_\_ Completion Date \_\_\_\_\_

Person(s) Responsible \_\_\_\_\_

Comments: \_\_\_\_\_

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# Safety Checklists! Safety in the Shop and in the Pits!



## ROLLING THUNDER ROBOT BUILD SAFETY CHECKLIST

Review the condition of the inspected area per the criteria in the checklist below. Assess each item and answer the question by placing a "✓" in the appropriate column. For any questions answered "no" below, complete a Corrective Action Plan.

Date: \_\_\_\_\_ Location/Area: \_\_\_\_\_

Inspector(s): \_\_\_\_\_

Key: Y = Yes N = No NA = Not applicable

NO	ITEM	Y	N	NA	LOCATION/NOTES
<b>A</b>	<b><u>HAND &amp; PORTABLE TOOLS</u></b>				
1	Are powered tools in good condition with no evidence of damage?				
2	Are tools properly stored when not in use?				
3	Are guards and safety devices in place and operational?				
<b>B</b>	<b><u>CHEMICALS</u></b>				
1	Are chemical containers properly labeled and in good condition with no sign of damage?				
2	Are MSDSs posted/readily available and team members aware?				
<b>C</b>	<b><u>ELECTRICAL</u></b>				
1	Are cords and plugs free of broken insulation, exposed wiring, and provided with grounded connections where applicable?				
2	Are electrical outlets not overloaded? (1 power strip used per outlet)				
3	Is the battery charger situated so there is air circulating around it?				
4	Do batteries not connected to the robot or charger have the battery protector safety plugs on the terminals?				
5	Are the batteries visibly ok, terminals not bent, no cracks in case?				
<b>D</b>	<b><u>THE SHOP</u></b>				
1	Are students properly supervised while using equipment?				
2	Have students using equipment been properly trained?				
3	Are guards and safety devices in place and operational?				
4	Is the work area free of slipping and tripping hazards?				
5	Is storage of materials orderly? Are the work surfaces neat and uncluttered?				
<b>E</b>	<b><u>PERSONAL PROTECTIVE EQUIPMENT (PPE)</u></b>				
1	Is PPE available for FRC Participants and their visitors?				
2	Is PPE worn by team members where required/posted?				
3	Is PPE properly maintained and stored?				
<b>F</b>	<b><u>RESPECT OF STORED ENERGY DANGERS</u></b>				
1	After Competing: Does the team relieve electrical, pneumatic, and miscellaneous energy before moving the robot off the field?				
2	In the Pit: Does the team ensure no one is working on the robot while it is energized?				

Observations (Include Positives!): \_\_\_\_\_  
 \_\_\_\_\_  
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 \_\_\_\_\_  
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