

Safety Level 2 Participant Resource Sheet



The Safety Badge Level 2 is designed to extend participant's knowledge of basic safety practices and processes in a FIRST team meeting space and at FIRST competitions.

Each of the numbered items is required to complete the badge. Team mentors will certify the participant knowledge and recommend badge completion.

Complete all tasks and review with a mentor.

Name: _____ Email used for badges: _____

Badge Completed Date: _____ Date Submitted: _____

Competency Description	Number	Mentor Sign/Date
General Safety		
Demonstrate proper lifting techniques for a heavy object (such as a robot).	SA2.1	
Describe the necessary supplies for a basic first aid kit, including the container	SA2.2	
Using an example MSDS / SDS, demonstrate how to apply the information in the team build space.	SA2.3	
Explain proper power distribution to avoid daisy-chaining	SA2.4	
What are prescription safety glasses requirements and how does a participant know they have met the FIRST minimum requirement?	SA2.5	
Describe an instance where additional PPE should be used.	SA2.6	
Explain the difference between long term and instantaneous sound exposure. What are safe exposure levels for long term exposure?	SA2.7	
What are PPE options for sound protection? Compare and contrast the ease of use and effectiveness of each option.	SA2.8	
Tool Safety		
Describe the actions to take if a fire is discovered in the team build space.	SA2.9	
Describe why a certain type(s) of fire extinguisher must be used for different materials.	SA2.10	
Describe the proper use of three power tools and three hand tools in the team's build facility.	SA2.11	
Teach tool safety for three or more tools to students who are unfamiliar with the tools.	SA2.12	
Injury / Accident Prevention		
Describe the procedure when encountering a team member who is injured.	SA2.13	
Describe the risk of possible, common injuries encountered when building a FIRST robot.	SA2.14	
Demonstrate the basic first aid practice and technique for minor cuts and abrasions.	SA2.15	
Identify the hazards created by a lead acid (FRC Robot) battery spill.	SA2.16	
Competition Safety		
Describe actions to take if a fire is discovered in ANOTHER team's pit.	SA2.17	
Team Safety		
Function as the designated team safety glasses leader in the team shop or at competition for a total of 8 hours.	SA2.18	