

Safety Level 1 Participant Resource Sheet



The Safety Badge Level 1 is designed to introduce participants to basic safety practices and identification of common hazards in a FIRST team meeting space.

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		
Identify the acronym for Material Safety Data Sheet and Safety Data Sheets and describe why they are important.	SA1.1	
Identify the acronym for Personal Protection Equipment and explain the common equipment for a FIRST team.	SA1.2	
While working in the team's shop area, identify the expected and required clothing.	SA1.3	
Review the FIRST Safety Manual and describe the minimum expectation for safety glasses. How does a participant who must wear prescription glasses meet this requirement?	SA1.4	
Explain the concept of daisy-chaining electrical cords and the potential hazard.	SA1.5	
Identify the unit used to measure sound intensity and identify the maximum safe sound intensity (value and time).	SA1.6	
Tool Safety		
Explain and apply safety procedures for common shop tools.	SA1.7	
Identify the 4 classes of fire extinguishers. Which class is the best suited for FIRST robots or the team shop area? Why are these the same/different from each other?	SA1.8	
Without activating the fire extinguisher, demonstrate the proper procedure to extinguish a fire.	SA1.9	
Injuries/Accidents		
Describe the procedure to remedy a spill for a lead acid battery.	SA1.10	
Describe the location of the team first aid kit.	SA1.11	
Competition Safety		
Describe proper and improper behavior in the pit area.	SA1.12	
Team Safety		
Describe the location of nearest fire extinguisher (both at build space and competition)..	SA1.13	
Describe the team safety plan when traveling away from the normal team build area. Include answers to with whom, when, and how.	SA1.14	
Build Space Safety		
Describe the evacuation signal and procedures for the team build and meeting spaces.	SA1.15	
Describe the "shelter in place" signal and procedures for the team build and meeting spaces.	SA1.16	
Describe the safety requirements of the team build space including supervision, access, and any requirements of the build space owner.	SA1.17	