



## BAJA SAE ROLL CAGE SPECIFICATION SHEET 2015 BAJA SAE COMPETITIONS

SCHOOL NAME \_\_\_\_\_ CAR NUMBER \_\_\_\_\_

The competition in which you are competing: \_\_\_\_\_

**This sheet MUST be completed and submitted in accordance with the competition rules.  
Failure to do so will result in penalty.**

**Purpose:** The purpose of this sheet is to facilitate verification of roll cage materials/construction, and to provide a means of tracking the age of older vehicles. This is being done in the interest of good engineering practice and confirming the fabrication techniques of the team.

1. Academic year the cage was constructed? \_\_\_\_\_
2. Material Type (i.e.: 4130): \_\_\_\_\_ OD: \_\_\_\_\_ Thickness: \_\_\_\_\_
3. Primary Welder: \_\_\_\_\_ Welding Method used: \_\_\_\_\_  
Type of Filler Material: \_\_\_\_\_ Shielding Gas Used: \_\_\_\_\_
4. Equivalency calculations if needed (attach to this sheet).
5. All welds and/or other attachment methods must be checked for integrity. Faculty advisor and team captain are requested to do destructive testing on sample joints that represent the integrity of similar welds on their frame.

Date of inspection \_\_\_\_\_

**NOTE: It is extremely important that such an inspection be made to ensure the welds have good penetration and joints are completely welded.**

**WE HAVE EXAMINED THE ABOVE INFORMATION AND TO THE BEST OF OUR KNOWLEDGE  
DEEM IT TO BE ACCURATE.**

TEAM CAPTAIN _____ <div style="text-align: center;">(SIGNATURE)</div>	_____ <div style="text-align: center;">(DATE)</div>
FACULTY ADVISOR _____ <div style="text-align: center;">(SIGNATURE)</div>	_____ <div style="text-align: center;">(DATE)</div>

**Bring a completed copy of this form with you to technical inspection FOR EACH COMPETITION your team is entering.**