

SFI Foundation, Inc.
Summary of Recent Specification Revision
October 31, 2013

SFI Spec 2.3P Rear Engine Dragster Roll Cage, 4.99 Seconds ET and Quicker

- ET range edited from 6.29 Seconds to 4.99 Seconds and Quicker
- Paragraph II.1 – Added Docol R8 steel tubing as an acceptable material (same tube size requirements as 4130)
- Paragraph II.4 - Clarified holes requiring tube-type reinforcement. Previous wording: Any hole that exceeds 25% of the circumference of the parent tube must have a tube-type reinforcement. New wording: Any hole that exceeds 33% of the diameter or width of the parent tube must have a tube-type reinforcement.
- Paragraph III.1.c – Changed forward roll cage hoop minimum angle from vertical from 25° to 15°.
- Paragraph III.2.d – Assigned tube #20 to the cross member located between the back brace/uprights (edit)
- Paragraph IV.1 – added clarification wording regarding rear-end mounting plates (a single plate must be welded on both sides of the plate, each double plate may be welded on only one side).
- Paragraph IV.5 – Removed reference for Wing Size 0-750in² and changed reference to 1500in² maximum because wings under 1450in² are no longer permitted.
- Paragraph IV.3 – edited Wing Rear End Attachment Plate illustration to correct dimensions shown. Removed A) The main strut angle not to exceed 25° from vertical.
- Paragraph IV.4 – clarified wording: Sta rods must have doubler plates welded where thru bushings appear, "with a ¾" radius on the bushing." Added: "No portion of any wing support structure (i.e. main struts, sta rods, adjuster struts, cross bracing, etc. may be chrome, nickel, etc. plated. Paint and powder coating are permitted."
- Paragraph V.6 – Added clarification wording above illustration: Attachment of Back Half to Cockpit – "Butt weld of roll cage lower frame rail (#16, 1 3/8" x .058" minimum) to back half lower frame rail (#42, 1 ½ OD x .095" minimum); joint may be the same or different OD size roll cage and back-half lower frame rails. Interior step sleeve .058" wall nominal thickness on each end. Weld joint may be at 90° to tube axis." Added clarification wording above illustration: Alternate Attachment Method – "Insertion of roll cage lower frame rail (#16, 1 3/8 OD x .058" minimum) into counter bored back half lower frame rail (#42, 1 ½ OD x .095" minimum)"
- Added Appendix #3, procedure for confirming use of Docol R8 frame tubing.