

DRAFT Cool Cars Proposed 15-day Regulation Language
September 17, 2009

§ 95601. Applicability.

- This article applies to manufacturers and secondary manufacturers of new 2012 and subsequent model-year passenger cars, light-duty trucks, and medium-duty vehicles less than or equal to 10,000 pounds GVW

§ 95603. Automotive Glazing Standards.

- Alternate Performance Option. For 2016 and subsequent model year vehicles, windshield(s), sidelites, and backlite(s) must have a Tts less than or equal to forty percent (40%), or an alternate vehicle systems-based performance approach that results in equivalent solar control, approved in advance by the Executive Officer.
- Reference to 4 mm. ...glazing thinner than 4 mm is compliant if the measured Tts is less than or equal to the Tts calculated by the following linear regression formula: $y = mx + b$
- Labeling. Each piece of glazing shall be clearly identified as to its solar performance.

In a font of a size and nature similar to that for the DOT code, model number, and ANSI code, approximately 1.92 mm high, shall be added "C___" where "___" is replaced with the certified performance level of the glazing, e.g., "C58" for glazing certified to give a Tts no more than 58 percent (58%). This shall be permanently etched or printed into the glass within the existing logo area.

A post-applied vinyl label 30mm x 50 mm shall be added adjacent to the existing logo area. The label shall include a symbol representing heat rejection, and read "This glass is designed to reduce interior temperatures compared to standard glass and meets all ARB regulation" in 12 point Arial font, in a color clearly readable against the background glazing. The label shall be fully visible when the glazing is installed. For moveable glass, it shall be visible in the fully closed position.

§ 95604. Manufacturer Compliance Options.

- Windshields without deletion areas. For 2012 through 2015 model year passenger vehicles, if the windshield uses a solar management approach that does not require deletion windows, then the Tts of the windshield may be increased to no more than fifty three percent (53%)