§ 238.217 Side structure.

Each passenger car shall comply with the following:

(a) Side posts and corner braces. (1) For modified girder, semi-monocoque, or truss construction, the sum of the section moduli in inches\(^3\)—about a longitudinal axis, taken at the weakest horizontal section between the side sill and side plate—of all posts and braces on each side of the car located between the body corner posts shall be not less than 0.30 multiplied by the distance in feet between the centers of end panels.

(2) For modified girder or semi-monocoque construction only, the sum of the section moduli in inches\(^3\)—about a transverse axis, taken at the weakest horizontal section between the side sill post ahead of the stepwell is permitted to fail. (A graphical description of the forward end of a cab car or an MU locomotive utilizing low-level passenger boarding on the non-operating side of the cab end is provided in Figure 1 to subpart C of this part.)

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