

4600501 STRUCTURAL STEEL AND MISCELLANEOUS METALS
INTERNAL/INDUSTRY REVIEW COMMENTS

Dianne Perkins
850-414-4784
dianne.perkins@dot.state.fl.us

Comments: (10-3-16)

The Grade 5 Bolts fall under the Society of Automotive Engineers (SAE) classification, while A325 is an obsolete ASTM specification. ASTM A325 bolts are more commonly specified by engineers for use in structural steel connections on heavy construction projects, while SAE Grade 5 bolts are more common in OEM-type applications. It is either a grade 5 bolt or an A325 bolt. The word "Grade A325" is confusing. Would you want them to follow the ASTM F3125? Type I or 3? Use structural bolts meeting the requirements of F3125 bolt types. (It just may need a little clarification.)

Response:

Scott Jones
850-414-4260
scott.jones@dot.state.fl.us

Comments: (10-4-16)

Agree with the noted revisions with the following exception the fourth paragraph under Item 4 of Section 460-5.1 should read as follows: Use Grade A490 bolts only with the approval of the Engineer. Submit procedures in accordance with ASTM F3125 Grade A490 for the handling, lubrication, installation, tightening and testing of such bolts. Do not install Grade A490 bolts without prior approval of the procedures by the Engineer.

Response:
