

281—44.1(285) Requirements for manufacturers. In order to protect both the boards of education and manufacturers of school transportation vehicles and equipment from misunderstanding and confusion, all manufacturers shall provide equipment meeting all Iowa vehicle construction requirements described in this chapter as well as all applicable federal motor vehicle safety standards, which include but are not limited to the following:

- 101—Control location, identification, and illumination.
- 102—Transmission shift lever sequence, starter interlock, and transmission braking effect.
- 103—Windshield defrosting and defogging systems.
- 104—Windshield wiping and washing systems.
- 105—Hydraulic braking systems.
- 106—Brake hoses.
- 107—Reflecting surfaces.
- 108—Lamps, reflective devices, and associated equipment.
- 109—New pneumatic tires.
- 110—Tire selection and rims.
- 111—Rearview mirrors.
- 113—Hood latch systems.
- 116—Motor vehicle brake fluids.
- 119—New pneumatic tires for vehicles other than passenger cars.
- 120—Tire selection and rims for motor vehicles other than passenger cars.
- 121—Air brake systems.
- 124—Accelerator control systems.
- 131—School bus pedestrian safety devices.
- 205—Glazing materials.
- 206—Door locks and door retention components.
- 207—Seating systems.
- 208—Occupant crash protection.
- 209—Seat belt assemblies.
- 210—Seat belt assembly anchorages.
- 217—Bus window retention and release.
- 219—Windshield zone intrusion for vehicles with a GVWR of 10,000 pounds or less.
- 220—School bus rollover protection.
- 221—School bus body joint strength.
- 222—School bus passenger seating and crash protection.
- 301—Fuel system integrity.
- 302—Flammability of interior materials.
- 303—Fuel system integrity of compressed natural gas vehicles.
- 304—Compressed natural gas fuel container integrity.

Refer to the Appendix for additional information on certain federal motor vehicle safety standards (FMVSS) requirements.