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(1) Inspection procedure. Examine visually. A mismatch in size and construction between tires on the same axle, or a major deviation from the size recommended by the vehicle or tire manufacturer, is a cause for rejection. On a dual-tire arrangement the diameter of one of the duals must be within one-half inch of the other as measured by a gauge block inserted between the tire and a caliper.

(c) General condition. Tires shall be free from chunking, bumps, knots, or bulges evidencing cord, ply or tread separation from the casing.

(1) Inspection procedure. Examine visually for the conditions indicated.

(d) Damage. Tire cords or belting materials shall not be exposed, either to the naked eye or when cuts on the tire are probed. Reinforcement repairs to the cord body are allowable on tires other than front-mounted tires.

(1) Inspection procedure. Examine visually for the conditions indicated, using a blunt instrument if necessary to probe cuts and abrasions.

(e) Special purpose tires. Tires marked “Not For Highway Use” or “Farm Use Only” or other such restrictions shall not be used on any motor vehicles operating on public highways.

(1) Inspection procedure. Examine visually for tires labeled with specific restrictions.

§ 570.63 Wheel assemblies.

(a) Wheel integrity. A tire rim, wheel disc or spider shall have no visible cracks, elongated bolt holes, or indications of in-service repair by welding.

(1) Inspection procedure. Examine visually for the conditions indicated.

(b) Cast wheels. Cast wheels shall not be cracked or show evidence of excessive wear in the clamp area.

(1) Inspection procedure. Examine visually for the conditions indicated.

(c) Mounting. All wheel nuts shall be in place and tight.

(1) Inspection procedure. Check wheel retention for the conditions indicated.