

Specifications for Locomotive Forgings, Screw Threads, Bolt Heads, and Nuts.

Specifications for Boiler and Fire-box Steel.

Specifications for Iron and Steel Locomotive Boiler Tubes.

Standard instructions for Air Brake and Air Signal Instructions.

The Master Car Builders Committees recommend standards for a very large number of car details, such as couplers, axles, brake-beams, car sills, air brake hose, screw threads, bolt heads and nuts, methods of stencilling cars, and the like.

This list includes all the information in the possession of your Committee up to the present time and indicates fairly the position taken by the leading bodies in England and the United States in connection with the question of Engineering Standards. Your Committee is of the opinion that the attitude taken by the American Society of Mechanical Engineers in connection with this matter is a reasonable one, and recommends that the Council of this Society should not take any action which would commit the Society to the official approval or disapproval of any particular design or method of manufacture. Your Committee thinks, however, that it may be advisable to consider the question of standardizing methods of testing, although in this connection the ground has been so fully covered by the labours of the various committees in England and in the United States, that it is difficult to see that any good end will be served by the adoption in Canada of a third standard differing from those adopted in the two countries referred to. It would undoubtedly be a great gain to the Engineering profession if any action taken by this Society resulted in the adoption of the same standards in England and in the United States, and if further action is thought advisable, it is along this line that your Committee thinks that the Society's efforts should be directed.

Your Committee would also recommend that if further action is contemplated by the Council in connection with this matter, a somewhat larger and more widely representative Committee should be appointed.