

NEW ZEALAND GOVERNMENT RAILWAYS LOCOMOTIVE AND WORKSHOPS BRANCH	<b>BRANDING AND STORING MANUFACTURING STEELS.</b>	<b>CODE No. 72</b>
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**(1) BRANDING.**

All bars of manufacturing steel held in stock by Stores Branch shall be branded on one end with the colours shown in the following table, and officers ordering these materials must be acquainted with the colour branding system.

Specification.	Material.	Application.	Colour.
<del>B.S.S. Report No. 24, Pt. 6, Spec. No. 17/1929[42] or I.R. Mills Co., Otago steel</del>	<del>Mild steel plates, sections, and bars</del>	<del>Frames, smokebox, cab, bogie frames, tanks, points and crossings, &amp;c.</del>	<del>Green.</del>
<del>B.S.S. Report No. 24, Pt. 6, No. 16/1929 [16/1942]</del>	<del>Bars — Acid steel</del>	<del>Rivet, bolts, and nuts</del>	<del>Red.</del>
[B.S.S. Report No. 24, Pt. 6, Spec. No. 16/1942	Mild steel plates, sections and bars Mild steel plates, Sections and bars	Smokebox, cab, bogieframes, tanks, points and crossings, rivet, bolts, and nuts	Red]
N.Z.R. Spec. No. 380 Supertough "C" steel	Bar steel Bar steel	Boiler stays Spring hangers, guidebar bolts, buffer-pins, connecting and side-rod strap bolts	Blue. Brown.
B.S.S. No. 64, 1913, or "fishbolt" steel	Bar steel	Track and crossing bolts and nuts	White.
B.S.S. Report No. 24, Pt. 4, Spec. No. 9/1930[1941], Class "A" steel	Steel blooms for case-hardened forgings	Axle-box wedges, motion gear, reversing gear, &c.	White with green stripe.
B.S.S. Report No. 24, Pt. 4, Spec. No. 9/1930[1941], Class "D" steel	Steel blooms for forgings with wearing surfaces, not case hardened	Piston-rods, valve-spindles, crosshead and side-rod cotters, &c.	Yellow with green stripe.
B.S.S. Report No. 24, Pt. 4, Spec. No. 9/1930[1941], Class "C" steel	Steel blooms	Connecting-rods, coupling -rods and straps, crossheads (forged), crank arms	Red with green stripe,
B.S.S. Report No. 24, Pt. 4, Spec. No. 9/1930[1941], Class "B" steel	Steel blooms for ordinary loco. and boiler forgings, not case hardened	Ashpan gear, hornstays, boiler seatings, brake rigging, &c.	Green with white stripe.
<del>B.S.S. No 6B, Pt.3, and B.S.S. No 7B/1932</del>	<del>Spring steel</del>	<del>Laminated volute and helical springs</del>	<del>Black.</del>
[N.Z.R. Spec No. 407] [Silico-Manganese Spring Steel	Spring steel	Laminated volute and helical springs	Black with white stripe.]
[B.S.S. No 15/1936	Structural Steel Bar	Bolts, nuts and rivets, Maintenance Branch	Yellow]
		[Deleted. 24/563 of 24/11/1946]	

**(2) STORING.**

The Stores Branch shall arrange the storing and segregation of all steels conforming to the specifications enumerated above, so that there is no confusion when quantities of different steels are issued on the same order.

Lengths of bar material remaining after the completion of an order shall be returned to stores stock immediately, and credit obtained for the quantity returned. The specification colour brand must be retained on all bars returned to stores stock.

**[(3) SPECIAL STEELS**

Special Steels (e.g. high speed steel [,free cutting steel] and die steel) are to be painted with aluminium paint at one end. The trade name of the steel (abbreviated) and grade is to be stamped on the aluminium surface or, if the section is too small, close to the painted end. Before any part-bar is issued from Stores one end is to be painted and branded the same as the parent bar. Unused part bars of special steels must be returned promptly to Stores with the painting and. branding intact.]

[C.M.E,s 24/563 of 13.2.61  
C.M.E,s 24/563 of 5.9.58  
C.M.E,s 24/563 of 8.11.83]