

- 702-1936 Silicon Aluminium Alloy Castings for General Engineering Purposes.
- 703-1936 Y-alloy Castings (as cast) for General Engineering Purposes.
- 704-1936 Y-alloy Castings (Heat Treated) for General Engineering Purposes.
- 749-1937 Underfeed Screw Type Stokers.
- 752 1937 Acceptance Tests for Steam Turbines, Test Code for.
- 754-1937 System for the Direction of Rotation of Machine Tool Handwheels and Levers relative to Movement produced.
- 759-1937 Valves, Gauges and Similar Fittings for Land Boiler Installations.
- 762-1938 Wrought Iron Bars, "Special" Grade.
- 765-1938 Internal-combustion Engines, Carburettor-type, excluding Aero-engines.
- 766-1938 Bafflers or Draught Diverters on Gas Appliances, including Recommendations for Flue Terminals.
- 772-1938 Rubber Joint Rings for Gas-mains.
- 778-1938 Steel Flange Joints for Hydraulic Pipe-lines for Pressures up to 4,500 lb. per square inch.
- 779-1938 Cast-iron Boilers for Central Heating and Hot-water Supply.
- 780-1938 Riveted Steel Boilers for Hot-water Central Heating and Hot-water Supply.
- 782-1938 Electrodes for Metal Arc Welding in the Construction of Ships.
- 786-1938 High Duty Iron Castings, Grades 1, 2, and 3.
- 788-1938 Wrought-iron Tubes and Tubulars, Gas (Light), Water (Medium), and Steam (Heavy) Qualities. (Addendum, March, 1938.)
- 789-1938 Steel Tubes and Tubulars, Gas, (Light), Water (Medium), and Steam (Heavy) Qualities. (Addendum, March, 1938.)
- 790-1938 Nickel-silver Sheets and Strip of 10-30 per cent. Nickel Content (up to and including 3 S.W.G. (0.252 in.) thick).
- 799-1938 British Standard Code for Fully Automatic Oil-burning Equipment for Central Heating and Hot-water Supply (with amendment).
- 806-1938 Ferrous Pipe and Piping Installation for and in connection with Land Boilers.

The *Fire-extinguishers Sub-committee* has completed a draft New Zealand standard specification for portable fire-extinguishers of the soda-acid type, which has been widely circulated to affected interests for review. The comments received have been collated, and now await the final consideration of the sub-committee. Also under consideration are proposals for portable fire-extinguishers of the carbon tetrachloride and foam types, for which relevant information is being sought and necessary tests are being carried out.

Electrical Engineering Divisional Committee (Four Meetings).

Plugs and Sockets Sub-committee 1 meeting.

Since the beginning of the year, nineteen draft and thirty-nine standard specifications have been referred to this committee. The examination of these and other specifications still under consideration from the previous year has resulted in the recommending of nine draft and the following twelve British standard specifications as suitable for adoption as New Zealand standards:—

- 89-1937 Indicating Ammeters, Voltmeters, Wattmeters, Frequency and Power-factor Meters.
- 96-1938 Carbon Brushes (Parallel Sided) for Use on Commutator and Slip Ring Machines.
- 115-1938 Metallic Resistance Materials for Electrical Purposes.
- 116 1937 Oil Circuit-breakers, Oil Switches, and Oil Isolating Switches, for Alternating-current Circuits.
- 158 1938 Marking and Arrangement for Switchgear Bus-bars, Main Connections, and Auxiliary Wiring.
- 159-1938 Bus-bars and Bus-bar Connections in Air, Oil, or Compound. (Addendum, May, 1936, and March, 1938.)
- 454 1938 Lead-acid Train-lighting Accumulators (Plante and Faure Type).
- 495-1938 Fittings for Double-capped Tubular Lamps. (Addendum, April, 1935, and December, 1936.)
- 634 1935 Finishing Air-drying Insulating Varnish for Electrical Purposes.
- 760 1938 Metal-sheathed Paper-insulated Plain Annealed Copper Conductors for Use in Mines, including Voltage Tests.
- 775-1938 Contactors when supplied separately on or in Connection with other Gear.
- 794 1938 Transformers for Low-voltage Lighting below 1 kVA Rating (excluding Transformers for Use in Mines).

The committee has also undertaken the development of a New Zealand standard specification for the rating and testing of hot-water-heater elements, on which subject particulars supplied by manufacturers have received preliminary discussion, while further information is being sought from the appropriate overseas bodies.

Arising from inquiries concerning hot-water containers, the question of the tinning of these containers, and of food-containers generally, has received consideration. Investigations conducted by the committee indicate that the use of coatings with a high percentage of lead can constitute a very real danger, and further inquiries are being made in an endeavour to ascertain the exact extent of this danger, with a view to eliminating it as far as possible by the inclusion of provisions relating to purity of tin content in relevant specifications.