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AS 1873—1978
UDC 621.97.044

Australian Standard 1873—1978

EXPLOSIVE-POWERED HAND-HELD FASTENING TOOLS, FASTENERS AND EXPLOSIVE CHARGES

Superseded by: AS/NZS 1873.1:1994
AS/NZS 1873.2:1994
AS/NZS 1873.3:1994
AS/NZS 1873.4:1994

[Titles Allocated by Defence Cataloguing Authority:
NSC 1377, 5130, 5315—Fastening Tools (explosive powered),
Fasteners and Explosive Charges]



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THE FOLLOWING, SCIENTIFIC, INDUSTRIAL AND GOVERNMENTAL organizations and departments were officially represented on the committee entrusted with the preparation of this standard:

Australian Council of Trade Unions
Confederation of Australian Industry
Department of Defence
Departments of Labour and Industry
Department of Labour Relations and Consumer Affairs
Department of Productivity
Electrical Contractors Federation
Electricity Supply Association of Australia
Safety Institute of Australia
Telecom Australia

This standard, prepared by Committee SF/29, Explosive-powered Tools Fasteners and Charges, was approved on behalf of the Council of the Standards Association of Australia on 13 February 1978, and was published on 1 June 1978.

To keep abreast of progress in industry, Australian standards are regularly reviewed. Suggestions for improvement to published standards addressed to the head office of the Association, are welcomed.

This standard was issued in draft form for public review as DR 75055

AUSTRALIAN STANDARD

**EXPLOSIVE-POWERED
HAND-HELD
FASTENING TOOLS,
FASTENERS AND
EXPLOSIVE CHARGES**

AS 1873—1978

First published 1978

**PUBLISHED BY THE STANDARDS ASSOCIATION OF AUSTRALIA
STANDARDS HOUSE, 80 ARTHUR ST, NORTH SYDNEY, N.S.W.**

ISBN 0 7262 1477 9

PREFACE

This standard was prepared by the Association's Committee on Explosive Powered Tools, Fasteners and Charges, under the direction of the Safety Standards Board.

In Part 1 it sets out the design, construction and performance requirements considered necessary for the safe operation of explosive-powered hand-held tools. In Part 2 it gives requirements for fasteners and explosive charges. Part 3 provides recommendations for the selection, operation and maintenance of tools.

The standard covers both direct-acting and indirect-acting tools and separately specifies velocity and energy limits above which additional guarding and closing pressures are required.

The colour coding specified for charges aligns with that which has been in use in Australia for several years. The International Organization for Standardization (ISO) is in the process of developing an alternative order of colour coding, which attempts to take account of differing codes currently in use in the U.S.A. and Europe. The Australian committee was of the opinion that any changes to the Australian colour code should be deferred until the ISO developments are more complete, thus avoiding unnecessary duplication of changes in tooling, in education and in cost to the community and industry.

It is intended that this standard will be reviewed as soon as the ISO standards are confirmed.

This standard may require reference to the following standards:

- AS 1122 Recommended Metric Sizes for Engineering
- AS 1270 Hearing Protection Devices
- AS 1319 SAA Code for Industrial Accident Prevention Signs
- AS 1337 Industrial Eye Protectors
- AS-K185 Colours for Specific Purposes

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