

CONFIRMED
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Measurement of liquid flow in open channels —

**Part 8: Measuring instruments and
equipment —**

**Part 8A: Current meters incorporating a
rotating element**

[ISO title: Liquid flow measurement in open channels — Rotating
element current-meters]

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Industrial-Process Measurement and Control Standards Policy Committee (PCL/-) to Technical Committee PCL/3, upon which the following bodies were represented:

- Clyde River Purification Board
- Department of the Environment
- Department of the Environment for Northern Ireland
- Department of the Environment — Welsh Office
- Institute of Measurement and Control
- Institution of civil Engineers
- Institution of Water & Environmental Management (IWEM)
- Ministry of Agriculture, Fisheries and Food
- Water Authorities' Association

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- Institute of Hydrology
- Water Research Centre

This British Standard, having been prepared under the direction of the Industrial-process Measurement and Control Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 29 September 1989

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Amendments issued since publication

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National foreword

This Part of BS 3680, which is a revision of BS 3680-8A:1973, has been prepared under the direction of the Industrial-process Measurement and Control Standards Policy Committee. It is identical with ISO 2537:1988 “*Liquid flow measurement in open channels—Rotating element current-meters*”, published by the International Organization for Standardization (ISO). BS 3680-8A:1973 is now withdrawn.

Terminology and conventions. The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

Wherever the words “International Standard” appear, referring to this standard, they should be read as “Part of BS 3680”.

Cross-references

International Standard	Corresponding British Standard
	BS 3680 <i>Measurement of liquid flow in open channels</i>
ISO 748:1979	Part 3A:1980 <i>Velocity-area methods</i> (Identical)
ISO 3454:1983	Part 8B:1983 <i>Recommendations for direct depth sounding and suspension equipment</i> (Identical)
ISO 3455:1976	Part 8C:1980 <i>Calibration of rotating-element current-meters in straight open tanks</i> (identical)

The Technical Committee has reviewed the provisions of ISO 772:1978, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

A related British Standard to ISO 772 is BS 3680-1:1983 “*Glossary of terms*”.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.