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Measurement of liquid velocity in open channels — Design, selection and use of electromagnetic current meters

*Mesurage de la vitesse des liquides dans les canaux découverts —
Conception, choix et utilisation des débitmètres électromagnétiques*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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An ISO/PAS or ISO/TS is reviewed every three years with a view to deciding whether it can be transformed into an International Standard.

Attention is drawn to the possibility that some of the elements of this Technical Specification ISO/TS 15768 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO/TS 15768 was prepared by Technical Committee ISO/TC 113, *Hydrometric determinations*, Subcommittee SC 1, *Velocity area methods*.

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Introduction

The purpose of this Technical Specification is to highlight the particular characteristics of the typical electromagnetic current meter that distinguish it from the typical rotating element current meter, and to provide guidance to users of the electromagnetic device that will allow informed judgements to be made regarding its likely performance attributes and limitations in operational situations.