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Hydrometry — Open channel flow measurement using thin-plate weirs

*Hydrométrie — Mesure de débit dans les canaux découverts au moyen
de déversoirs à paroi mince*



Reference number
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Foreword

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This document was prepared by Technical Committee ISO/TC 113, *Hydrometry*, Subcommittee SC 2, *Flow measurement structures*.

This third edition cancels and replaces the second edition (ISO 1438:2008), which has been technically revised. It also incorporates the Technical Corrigendum ISO 1438:2008/Cor 1:2008.

The major changes from ISO 1438:2008 are as follows:

- a) the modular flow discharge formula for weirs with weir plate height of $1 \text{ m} \leq p \leq 2,5 \text{ m}$ has been supplemented in [9.7.1](#);
- b) the C_d formula for rectangular weir with $b/B = 1,0$, [Formula \(5\)](#), has been corrected to the same formula as the full-width weir, [Formula \(15\)](#);
- c) subclause numbers of [9.6](#) have been re-numbered.