



**INTERNATIONAL STANDARD ISO 1438:2008**  
**TECHNICAL CORRIGENDUM 1**

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

## **Hydrometry — Open channel flow measurement using thin-plate weirs**

### **TECHNICAL CORRIGENDUM 1**

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

*RECTIFICATIF TECHNIQUE 1*

Technical Corrigendum 1 to ISO 1438:2008 was prepared by Technical Committee ISO/TC 113, *Hydrometry*, Subcommittee SC 2, *Flow measurement structures*

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*Page 3, 6.3.3*

Add the following paragraph at the end of this subclause:

“If the maximum head to be measured is restricted to  $(2/3)p$  for all types of weirs, flow straighteners can be used to reduce the effective length of the approach channel to  $B + 3h_{\max}$  for triangular and rectangular weirs and to  $B + 5h_{\max}$  for full width weirs.

NOTE This restriction is necessary due to the distortion of the velocity distribution in the approach channel that results from an overflow of each baffle of the straightener if the head on the weir is too high.”

*Page 14, 9.7.1*

In item d) after “0,06 m”, insert “and not more than 1 m” to give

“d)  $p$  shall be not less than 0,06 m and not more than 1 m.”