

(PREVIEW)

IS 14974 : 2001  
ISO 3846 : 1989

***Indian Standard***

**LIQUID FLOW MEASUREMENT IN OPEN CHANNELS  
BY WEIRS AND FLUMES — RECTANGULAR  
BROAD-CRESTED WEIRS**

**1 Scope and field of application**

This International Standard lays down requirements for the use of rectangular broad-crested weirs for the measurement of flow of clear water in open channels under free flow conditions. Annexes A, B and C form an integral part of this International Standard.

**2 References**

ISO 748, *Liquid flow measurement in open channels – Velocity-area methods.*

ISO 772, *Liquid flow measurement in open channels – Vocabulary and symbols.*

ISO 1100-1, *Liquid flow measurement in open channels – Part 1: Establishment and operation of a gauging station.*

ISO 5168, *Measurement of fluid flow – Estimation of uncertainty of a flow-rate measurement.*

ISO 8368, *Liquid flow measurement in open channels – Guidelines for the selection of flow gauging structures.*