

Indian Standard

MEASUREMENT OF LIQUID FLOW IN OPEN CHANNELS – EQUIPMENT FOR THE MEASUREMENT OF DISCHARGE UNDER ICE CONDITIONS

1 SCOPE

This standard deals with equipment used to measure water discharge in rivers and channels under ice conditions. It does not specify techniques for measurement and computation which are dealt with in various standards. This standard is intended to be used with IS 15358 : 2003 'Liquid flow measurement in open channels - Flow measurement under ice conditions' which specifically deals with the methods for the measurement of flow under ice.

2 REFERENCES

The following standards contain provisions which through reference in this text constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below.

<i>IS No.</i>	<i>Title</i>
1191 : 2003	Hydrometric determination Vocabulary and symbols (<i>second revision</i>)
3910 : 1992	Requirements for rotating element current meters (cup type) for water flow measurement (<i>first revision</i>)
9163 (Part I) : 1979	Dilution methods of measurement of steady flow : Part I Constant rate injection method
15358 : 2003/ISO 9196 : 1992	Liquid flow measurement in open channels - Flow measurements under ice conditions