ISO 3716:2021-10 (E)

Hydrometry - Functional requirements and characteristics of suspended-sediment samplers

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Requirements of samplers 1

5 Characteristics of suspended-sediment samplers 3

6 Types of samplers 3
6.1 Open containers 3
6.2 Vertical and horizontal cylinder instantaneous trap samplers 3
6.3 Weighted bottle samplers 4
6.4 Pumping samplers 5
6.4.1 General 5
6.4.2 Fixed-orifice pumping samplers 5
6.4.3 Moveable-orifice samplers 6
6.5 Single-stage samplers 6
6.6 Point-integrating samplers 7
6.7 Depth-integrating samplers 7
6.8 Clean samplers 8
6.9 Sand-flux samplers 9

7 Models of samplers 10

Bibliography 13