ISO 3129:2019-11 (E)

Wood - Sampling methods and general requirements for physical and mechanical testing of small clear wood specimens

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 General principles 1

5 Sampling 1
5.1 Selection of material 1
5.2 Sampling of wood material 1
5.2.1 General 1
5.2.2 Logs 2
5.2.3 Matching for test of dry material 2
5.2.4 Sawn timber 2

6 Conditioning of material 2
6.1 Test pieces with a standardized moisture content (air-dry) 2
6.2 Test pieces with moisture content of equal to or above fibre saturation point (green) 2

7 Preparation of test pieces 3
7.1 Form and dimensions 3
7.2 Direction of grain 3
7.3 Permissible deviations 4
7.4 Marking 4
7.5 Sample size (number of test pieces) 4
7.5.1 Random sampling 4
7.5.2 Selective sampling 4
7.5.3 Mechanical sampling 5
7.5.4 Minimum number of test pieces 5
7.6 Conditioning of test pieces 6
7.6.1 Testing at equilibrium moisture content (air-dry condition) 6
7.6.2 Testing pieces at or above fibre saturation point (green condition) 6
7.6.3 Storage 6

8 General requirements for physical and mechanical tests 6
8.1 Temperature and humidity conditions in the laboratory 6
8.2 Procedure 6

9 Calculation and expression of results 6

10 Test report 7

Bibliography 8