

DIN EN 13036-8:2008-06 (E)

Road and airfield surface characteristics - Test methods - Part 8: Determination of transverse unevenness indices

Contents

	Page
Foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 List of symbols	7
5 Parameters	8
5.1 General	8
5.2 Crossfall X	8
5.3 Irregularities	9
5.3.1 Step height IS	9
5.3.2 Ridges/dips, respectively IR, ID	9
5.3.3 Edge Slump IE	9
5.4 Rut depth R	10
5.5 Theoretical water depth W	10
6 Measurement devices and their application	11
6.1 Measurement devices	11
6.2 Measuring single profiles	12
6.2.1 Crossfall	12
6.2.2 Irregularities	12
6.2.3 Rut depth and theoretical water depth	12
6.3 Measuring sections of a unit of length (e.g. 100 m)	12
6.3.1 Irregularities	12
6.3.2 Crossfall, rut depth and theoretical water depth	12
7 Evaluation and analysis	12
8 Accuracy	13
8.1 General	13
8.2 Precision	13
8.3 Trueness	14
9 Safety	14
10 Report	14
straightedge	16
A.1 Measuring using the straightedge	16
A.1.1 General	16
A.1.2 Sampling frequency, covered measurement/analysis width	16
A.1.3 Method of measurement	16
A.2 Reporting of results	19
A.2.1 Test report	19
Bibliography	20