

DIN EN ISO 8503-4:2012-06 (E)

**Preparation of steel substrates before application of paints and related products -
Surface roughness characteristics of blast-cleaned steel substrates - Part 4: Method
for the calibration of ISO surface profile comparators and for the determination of
surface profile - Stylus instrument procedure (ISO 8503-4:2012)**

Contents		Page
Foreword		3
Introduction		4
1 Scope		5
2 Normative reference		5
3 Terms and definitions		6
4 Principle		6
5 Apparatus		6
6 Test surfaces		6
6.1 ISO surface profile comparator		6
6.2 Blast-cleaned steel substrates/replica		6
7 Procedure for measurement of maximum peak-to-valley height, R_y		8
8 Calculation and expression of results		9
9 Test report		9
Annex A (normative) Test report for the calibration of ISO surface profile comparators and for the determination of surface profiles		10
Annex B (normative) Form for recording surface profile measurements made in accordance with ISO 8503-4		11
Annex C (normative) Guidance notes for the preparation and measurement of replicas		12
Bibliography		13