

PAS 1048-2:2005-03 (E)

Grading polished diamonds - Part 2: Test methods

Contents

	Seite
1	Scope..... 4
2	Terms and definitions 4
3	Identification 4
4	Weight and measurements 4
4.1	Weight 4
4.2	Measurements 4
5	Colour and fluorescence 4
5.1	Cleaning of masterstones 4
5.2	Masterstones for colour 4
5.3	Procedure 5
5.3.1	Precautions 5
5.3.2	Cleaning 5
5.3.3	Comparisons 5
5.3.4	Round Stones 5
5.3.5	Fancy Shapes 5
5.3.6	Colours 5
5.3.7	Lighting 5
5.3.8	Positioning 5
5.3.9	The Grade 5
5.3.10	Master-eye effect 8
5.4	Description of fluorescence 9
5.4.1	Equipment and References 9
5.4.2	Masterstones for fluorescence 9
5.4.3	Working conditions and methodology 9
5.4.4	Fluorescence, other than blue 9
6	Clarity 9
6.1	General 9
6.2	Apparatus 9
6.3	Procedure 9
6.3.1	General 9
6.3.2	Lighting 9
6.3.3	Distance 10
6.3.4	Plotting 10
6.3.5	Plotting symbols 12
6.3.6	Laser drill holes 13
6.3.7	Surface grain lines 13
6.3.8	Internal graining 13
6.3.9	General 13
6.3.10	Clarity Examples 13
7	Shape 36
8	Proportions 36
8.1	Appropriate instruments 36
8.2	Description 36
8.2.1	Table sizes 36
8.2.2	Crown height 36
8.2.3	Pavilion depth 36
8.2.4	Girdle thickness 36
8.2.5	Culet size 36
8.3	Comments on Proportions 36
9	Finish (Grading of symmetry and polish) 37
9.1	Symmetry 37
9.2	Polish 39
10	Expression of results 40
11	Comments 40
12	Test report 41