

ICS 39.060

CCS D 59



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 23885-2009

Jadeite grading

翡翠分级

Issued on: June 1, 2009

Implemented on: March 1, 2010

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine;
Standardization Administration of the PRC**

Table of Contents

Foreword	III
1 Scope	1
2 Terms and definitions	1
3 Emerald (colorless) grade	3
4 Emerald (green) grade	5
5 Emerald (purple) and Jade (red - yellow) grade	7
7 Emerald unevenness evaluation	7
8 Emerald Technology Assessment	8
9 Emerald 8 Quality	8
10 Emerald grading certificate	8
Appendix A (normative) Methods of measurement --- Jade transparency spectral photometric method	9
Annex B (informative) emerald (green) color measurement method --- spectrophotometric color measurement method	11
Annex C (informative) emerald (green) color and shape distribution of	13
Annex D (informative) Emerald Technology Assessment	14
Annex E (informative) Emerald common internal and external features	15
References	16

Foreword

The Standard Appendix A, Appendix B, Appendix C, Appendix D, Appendix E is an information appendix.

The standard proposed by the People's Republic of China Ministry of Land Resources.

This standard by the National Standardization Technical Committee jewelry.

This standard was drafted. Gems & Jewelry Management Center.

The main drafters. Zhang Beili, Wang Manjun, Ke Jie, Sun Fengmin, Zhang Hui, Zhang Jian, Ma Yang Wei, violence Wei, Guo Tao, Chen.

This standard is the first release.

1 Scope

This standard specifies a natural mosaic not polishing and grinding jade inlaid classification

rules.

This standard applies to non-natural mosaic and inlaid polished polished jade.

2 Terms and definitions

The following terms and definitions apply to this standard.

Mainly composed of jadeite and jadeite or by the other Na, sodium calcium pyroxene (sodium chromium pyroxene, green pyroxene) consisting of a process value mineral collection

Body may contain small amounts of amphibole, feldspar, chromite and other minerals. Mohs hardness of 6.5 to 7, and density 3.34 (+ 0.06, -0.09) g/cm³, refractive

Rate 1.666 ~ 1.680 (± 0.008), measured 1.65 to 1.67 points.

2.1.1 Colorless or low color saturation emerald.

2.1.2

Main color is green hue, saturation and has a certain emerald.

2.1.3 The main color is purple hue, saturation and has a certain emerald.

2.1.4

Body color and a color of red - yellow, and has a certain saturation emerald.

From the color (colour), transparency (transparence), texture (texture), clarity (clarity) of the four-level plans were emerald

Points and evaluation of their processes (artsandcrafts).

From transparency, texture, clarity three aspects Emerald (colorless) were divided into levels, and evaluate its processes.

From the color, four of transparency, texture, clarity emerald (green) were divided into levels, and evaluate its processes.

From four color, transparency, texture, clarity emerald (purple) and Jade (red - yellow) level is divided, and its technology into Evaluated.