


SOME CUTTING STYLES



Cushion Oval Triangle Pear Round


GEMMOLOGICAL SPECIFICATIONS

Mineral	BERYL
Chem. Composition:	Be ₃ Al ₂ (SiO ₃) ₆
Specific Gravity	2.66
Hardness	7.5-8
Refractive Index	1.544 – 1.553
Birefringence	0.009
Fluorescence	Inert
Pleochroism	Weak
Optic character	Uni-axial positive

This certificate is the opinion of the grader at the specific time of inspection. It is not an evaluation. The customer shall have no claim against the grader, its principal, distributor or retailer for any inaccuracies or errors contained herein. Most gemstones are heated to improve their colour.

GRADERS: Dr Petre Prins Ph.D .geochemistry MBA (Stellenbosch)
Mrs Riana Courtis. Graduate Gemmologist. (GIA) USA
Date :

AQUAMARINE




representation only – not the item graded

GEMMOLOGICAL GRADING REPORT

No. XAQ 033

PRINS & PRINS
GEMSTONE LABORATORY



Huguenot House, 66 Loop Street, Cape Town, South Africa.
www.prinsandprins.com / Tel: 0027 21 422 1090

Member of the S.A Jewellery Council

GRADING REPORT

Identification... NATURAL AQUAMARINE

Origin MADAGASCAR

Weight 3.22 ct

Dimensions..... 10.68 x 6.95 – 5.66 mm

Shape EMERALD CUT

Colour Hue BLUE

Tone LIGHT.....

Saturation MODERATE

Clarity EYE CLEAN

Cut VERY GOOD

Brilliance 80%

FINAL GRADE..... PREMIER

EXPLANATION OF REPORT

WEIGHT: 1 carat = 200mg = 100 points

COLOUR- HUE: Describes the first impression of colour as seen with the gem facing up: eg greyish blue.

TONE: Describes the degree of darkness or lightness of the colour

colourless --	light	- medium	- dark	- very dark	-- black
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SATURATION: Describes the intensity (strength) of the primary colour.

very light	- light	- moderate	- strong	- intense	- vivid
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CLARITY: Indicates the amount of internal and external blemishes visible with the trained naked eye

eye clean	slightly included	Included – heavily included
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CUT: Describes the quality of the symmetry, polish and proportions of the gemstone

very good	good	average
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BRILLIANCE : The percentage of light reflected to the eye with the gemstone in a face-up position

FINAL GRADE

PREMIER PLUS – PREMIER – GOOD – AVERAGE – POOR
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