

# ***K. E. K. Gems International Co., Ltd.***

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For a map go to <http://www.kekgems.com/address.shtml>

10240 Bangkok, June 10, 2004

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### **KOSSACK<sup>®</sup> Emeralds**

This is an **introduction** about the very Best **cultured Emeralds**  
And is intended to be for everyone who is interested  
**In this Topic.**

Pages in this folder is:

- **Product Information** (page # 1 and # 2)
- **Pictures of the Product** (page # 2)
- **Price list for rough stones** (page # 3)
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### **Product Information**

*Since 1994*, our company is The General Agent of major manufacturers of these finest created gems stones from Russia. Manufacturers are located in the Novosibirsk and in the Moscow area.

There are 5 major manufacturers in Russia, whereas we do have a contract as world distributor with 3 of them.

So ***K.E.K. GEMS INTERNATIONAL CO., LTD.*** plays a ***major role*** in this business and is ***not*** a second hand supplier!

We are the owners of the trademark: **KOSSACK<sup>®</sup> Emeralds.**

Hydrothermal Emeralds are manufactured in the most advanced **high-tech** way that may copy the process of Mother Nature. Only time has been accelerated. All properties of the natural stone could be **matched**, whether it is the crystal structure, the hardness, the chemical compounds, the refractive index etc. This **cultured** emerald is closest to its natural counterpart as can be. In all terms it is an ***Emerald***. There is no way, to make a product better than this.

For reference, you may compare the **scientific data**, which is supplied to you at the end of this file, comparing:

- *Natural Emeralds from different locations*
  - *Flux created Emeralds from different manufacturers*
  - *Hydro thermal Emeralds from different plants*
- This will give you the best overview, based on facts.*

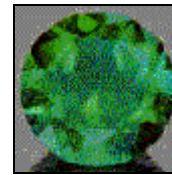
**Pictures of the Product:**



Rough full Crystal's



different cut stones



round shape cut

These images have also been uploaded to our server at the Internet in a higher resolution, from where you may view or download them. Here is the URL where you may find the links to the pictures:

<http://www.KEKGEMS.COM/info.shtml>

*We do participate in the following Gem Shows:*

- Bangkok Gem Show February*
- Hong Kong Gem & Jewelry fair September*

**PRICE LIST for rough stones**

<b>AVAILABLE QUALITIES</b>	<b>US\$/CT</b>	<b>QUALITY DESCRIPTION</b>
“CP”	2.25	Collector pieces, extreme small full crystals with seed for Scientists, Gemologists, Collectors etc.
“X”	1.00	Extra quality-superior clean stones - no flaws, cracks, inclusions. Large pieces.
“A”	0.90	Fairly clean stones with Maximum up to 3 cracks in a Full size crystal.
“B”	0.75	Stones with 3-6 cracks in a Full size crystal.
“C”	0.50	Stones with more than 6 Cracks - included stones Or cleaner, broken off pcs. Or cleaner, smaller crystals.
“D”	0.35	Cracked stones, broken off Pieces included stones.

All prices are for rough stones in USD/ct., delivery ex our stock in Bangkok.

PRICES MAY CHANGE WITHOUT PRIOR NOTICE.

Updates of stock lots, prices and business situations can be found and pulled from our Multi Responder System from our Web Site at:

<http://www.KEKGEMS.COM/info.shtml>

You also may subscribe to our Emerald Newsletter by sending us an e-mail to:

[Subscribe@Power-Gems.com](mailto:Subscribe@Power-Gems.com) with the *subject* “*emerald news-letter*”.

**Thank you - We appreciate your business and your interest in our products!**

***K.E.K. GEMS INTERNATIONAL CO., LTD.***

*Klaus E. Kappler, managing director*

**KOSSACK<sup>®</sup> Emeralds**

**PRICE LIST for cut stones**

**A) Facetted stones**

Our stones are cut to perfection at its best. They're all clean. They all are calibrated with tolerance of +/- 1/10<sup>th</sup> of a mm. All sizes and shapes from 2mm up are available. The basic price is 7.50 US\$ per carat valid for most shapes and sizes. For stones of 3mm and below a surcharge of 0.50 US\$ per pce. is the general rule. Some special shapes with low yield and weight per piece will also have a surcharge. We also may supply you with included stones at 5.00 USD/ct.. For large orders, ask for our proforma invoice and possible discounts.

**A) Cabochons**

The same rules as for facetted stones apply also for Cabochons, except that they do have some inclusions and/or cracks. In Cabochons this still does look clean. The basic price on Cabochons is 4.95 USD per carat. A surcharge of 0.30 US\$ per piece is charged on stones of 3mm and below. All shapes and sizes from 2mm and up are available. For large orders, ask for our proforma invoice and possible discounts.

Delivery time in general is 1-3 weeks depending on the ordered quantities, shapes and sizes. Most Standard shapes and sizes are available ex our stock.

Thank you for your interest and best regards,

***K.E.K. GEMS INTERNATIONAL CO., LTD.***

*Klaus E. Kappler, managing director*

Looking for more cultured Gems?

We got available with us:

Czokhralski (pulled) Alexandrite

Flux created Ruby

Amethyst & color quartz (hydrothermal)

Ask us for details.



Hydro thermal Emerald Linde, USA	2 . 6 7 0 - 2 . 6 8 0	1.568 - 1.569	1.572 - 1.574	0.004- 0.005	Dark-red (257.3nm) -Light red (385nm)	Red	Ic:470; 476; 570-616; 634-637; 679; 681; Ic: 455; 476; 580-616; 625; 638-649; 657-662; 678-680.	I	Bluish-green (Ic) yellowish-green (Ic)	Two- phase inclusions; phenakite, gold; optical inhomogeneity, zonality parallel to the seed plate, healed micro cracks
Flux Emerald Design and Technological Inst. of Mono Crystals SB RAS	2 . 6 3 4 - 2 . 6 7 7	1.563 - 1.573	1.559 - 1.569	0.003- 0.004	Red-dark-red	Red	Ic: 420; 450; 600; 638; 684; Ic: 420; 598; 610; 631; 650; 664; 684.	absent	Intense bluish-green yellowish-green	Veil inclusions of brownish flux; zonality.
Flux Emerald Chatham, USA	2 . 6 4 5 - 2 . 6 6 5	1.562 - 1.578	1.573 - 1.578	0.005	Red	Red	Ic: 625.5; 646; 662; 674; Ic: 679.5; 682.8; 594; 606.	absent	Intense green bluish-green	Flux inclusions; phenakite
Flux Emerald Gilson, France & Kyocera Japan	2 . 6 5 0 - 2 . 7 0 0	1.558 - 1.563 - 1.579	1.560 - 1.575 1.571	0.003- 0.005	red or orange red, not observed in more recent samples	Red	-	absent	-	Light inclusions of flux veil phenakite

This file has been updated last on: **June 10, 2004**