



रत्न परीक्षण प्रयोगशाला

रत्न तथा आभूषण निर्यात संवर्धन परिषद

वाणिज्य मंत्रालय, भारत सरकार द्वारा प्रायोजित, जयपुर

Gem Testing Laboratory

THE GEM & JEWELLERY EXPORT PROMOTION COUNCIL

Sponsored by Ministry of Commerce, Government of India, JAIPUR

फ़ोन/Phone : 568221

ग्राम/Gram : GEJEXCON

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राजस्थान चैम्बर भवन

Rajasthan Chamber Bhaw

मिर्जा इस्माईल रोड

Mirza Ismail Road

जयपुर-302 003 भारत

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संदर्भ संख्या/Ref. No. : GTL/GJC/JPR/ 96-97/

दिनांक/Date..... 17/2/97.

LAB INFORMATION CIRCULAR No. 020

In the past two months, ever since we have introduced packet lot certification, we have received some interesting packets and a few surprises.

1. Green coloured packet lots were the most prevalent. In one lot of about two hundred stones there were about 27 synthetic emeralds and the remaining were all natural emeralds. Of the natural emeralds about 60% of the stones were fracture filled with a colourless filling and a few stones contained green jhoban. The sizes ranged between 3 mm and 4 mm and were all round mixed cut.

Two other lots of five stones each were found to be natural emeralds with a few stones distinctly fracture filled - both colourless and coloured.

2. Colour Change Garnet Lot: Out of a lot of seven stones, three were certified as colour change garnets, and four as garnet, Intermediate species. The colour change observed in these stones varies from a brownish-green, yellow-brown, greenish-brown, bluish green to a more purple red in lamp-light. Characteristic inclusions were long and short silk; S.G: 3.55 to 3.95; Absorption spectrum typical of Pyrope-Spessartite varieties.

The stones which were certified as Garnet, Intermediate Species were a bluish-purple in daylight and showed a colour enhancement to a violet purple in lamp-light.

3. Red coloured lots certified: One lot was Nat. Rubies (Mongshu) while the other was syn. Rubies (flame fusion).
4. Orange-Red Sapphire: A number of orange-red sapphires said to be Padparadscha Sapphires was brought in by one of G.T.L.'s regular clients. Some of the stones were a brown-orange-red colour, while others were more pink-orange-brown in colour and most of them enhanced to a brilliant pink orange colour under lamplight. On examination, all the stones were certified as Nat. Sapphire.

THE 1st FRATERNITY EVENING was held on 1st February '97 at the Sukhadia Hall, Chamber Bhawan, at 6 pm. We wish to thank all the old students who made the time to participate that evening. Mrs. Fernandes, updated the participants about the activities and courses at G.T.L., Vikas Joshi and Sunil Sarma presented two concise papers on "New Features in Synthetic Emeralds" and "Problems Encountered in Certification of Alexandrites" respectively. Both presentations were met with a number of queries from the participants which led to some very meaningful interactions.

At the conclusion of the evening students of the 12th Batch presented G.T.L. with a Wall Clock. The evening ended on a vote of thanks.

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Notice: DIPLOMA IN GEM IDENTIFICATION

New batch commences 24th February '97.

Timings : 9.30 am to 2 pm. (six days a week)

No. of Students: 15

Fees : Rs. 7,500 (5,000=Fees; 2,500= Refund Deposit)

An optional facetting course has been started which is only for the students of the Diploma Courses. Non-Diploma students are not eligible.

Duration : 1 month

Timings : 3.00 - 5.30 pm.

No. of Students: 6 (Six)

Fees : Rs. 2,000/-

BASIC COURSE IN NAVARANTA IDENTIFICATION

COMMENCES : 19th - 23rd March '97.

Timings : 2.30 pm to 5.30 pm.

Fees : Rs. 3,000 (Fees: 2,000; 1,000= Refund Deposit)

Will be conducted only if the minimum number of seats i.e. six students, is filled.

FIRST COME BASIS FOR ALL COURSES.

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At the Diploma Examination in Gem Identification, XII Batch held on 10th, 11th and 12th February '97. The following candidates have been declared successful.

1. MISS. RITU MEHTA (FIRST)

7. MR. RAJESHWAR JAIN

2. MR. DEVENDRA HISSARIA

8. MISS. RAJVEE B. SAVLA

3. MISS. MANISHA JHA

9. MR. RAHUL CHANDRA VANS

4. MR. MOHIT SOMANI

10. MR. RAJA RITESH

5. MR. PANKAJ K. PATNI

11. MR. RAHUL KUMAR

6. MR. PRAVEEN KUMAR