



THE GEM &
JEWELLERY
EXPORT
PROMOTION
COUNCIL

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 : GEJEXCON
फ़ोन-91-141-562385

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संख्या/Ref. No. : GTL/GJC/JPR/ 96-97/

दिनांक/Date.....

LAB INFORMATION CIRCULAR No. 018.

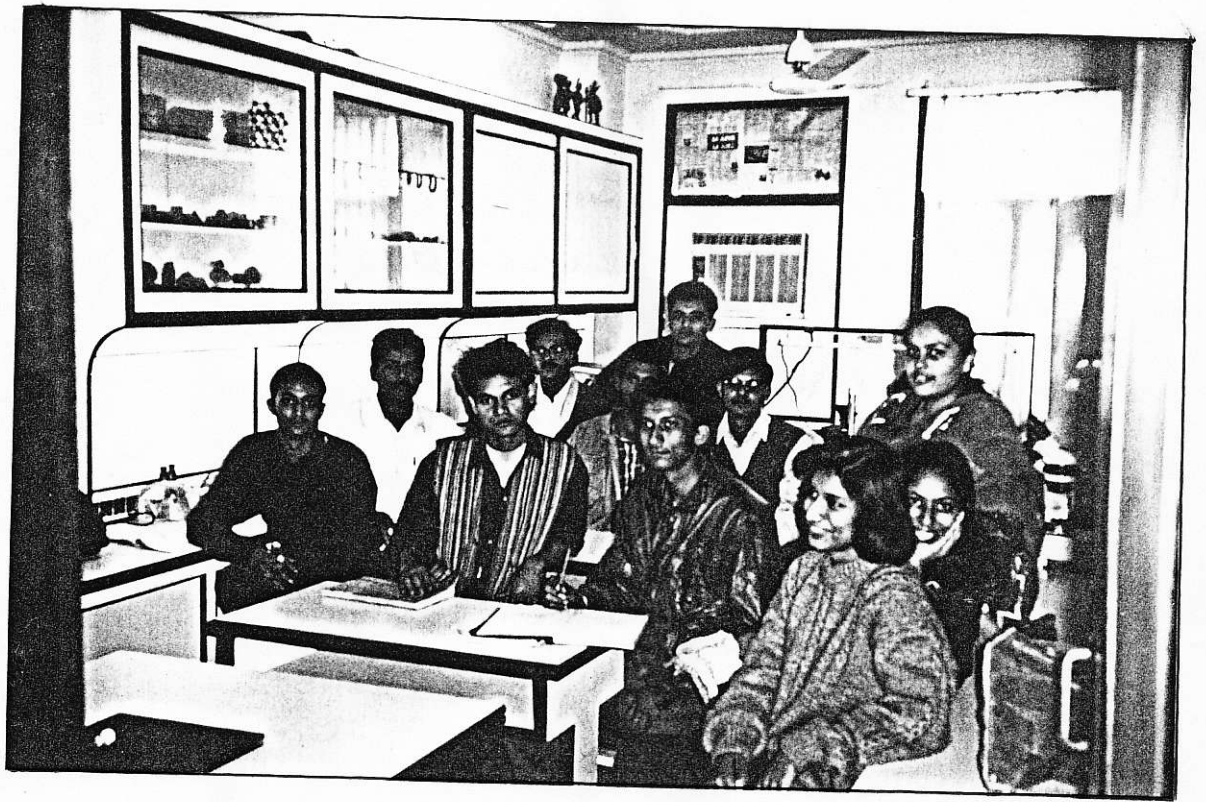
June / July

Since G.T.L. was closed during the month of May '96 we were unable to release our L.I.C.

1. Syn. Hydrothermal Emeralds: In the past few months there has been a regular stream of syn. hydrothermal emeralds being brought in for testing. The sizes range from 0.20 cts to 5+ cts. with good colour and clarity. But under magnification angular growth zoning (hound's tooth) seed plates and typical fingerprints were seen.
2. Banded Fluorite: Brown coloured slice with curved bands (brown, blue violet, green). The properties were typical for fluorite, R.I. 1.44, some band show strong violet under magnification triangular two phase and cleavage cracks were observed.
3. Yellow Chrysoberyl Cat's Eye: Lemon yellow cabochons with distinct cat's eye effect, the properties were typical for chrysoberyl with fine needle like silk inclusions.
4. Glass (Tanzanite Colour): Blue coloured glass similar to good blue colour tanzanite is being mixed in packets of tanzanite. Gas bubbles and the lack of pleochroism are fairly useful in identifying them.
5. Yttrium Aluminate: Emerald green coloured man made material with a high heft (S.G: 4.65), high surface lustre, and a strong red transmission in transmitted white light. Octagon step cut and round brilliant cut specimens of about 3 to 4 cts have been examined.
6. Natural Ruby: A number of rubies (Mongshu), sizes ranging from 0.50 cts to 2 cts. of exceptional colour and clarity have been examined characteristic growth zoning, inclusions and properties for natural ruby were observed.

For Gem Testing Laboratory

P.T.O.



CLASS ROOM



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A VERY HAPPY NEW YEAR TO YOU.

The year 1996 saw a lot of changes at G.T.L., Jaipur, Primary among them being the additional space which was sanctioned. The Regional office shifted out to Chawra Rasta in March '96 and subsequently renovations were undertaken. We are enclosing a few visuals of G.T.L. today.

First of all we would like to apologise since the last L.I.C. was mailed in August '96, after which due to unavoidable reasons, we were not able to send any other L.I.C.

Secondly, we intend to have a G.T.L. Fraternity evening in February for all past and present students of G.T.L., Jaipur. This will be held on 1st February 1997 between 6 pm. and 7.30 pm. at G.T.L., Chamber Bhawan. Those of You who would like to attend may kindly inform us by letter (attention Mr. Sunil Sarma) before 24th January 97. We wish to hold about three such Fraternity evenings annually.

For Gem Testing Laboratory,

Mrs. Shyamala Fernandes.