

LAB INFORMATION CIRCULAR (L.I.C.)

CURRENT ISSUES

NATURAL OR SYNTHETIC ?

Now a days when the gap between synthetic and natural gemstones has narrowed, the identification between the two is becoming virtually impossible.

With the advent of new technologies like FTIR, UV-VIS-NIR spectroscopy, Laser tomography these can be identified in international laboratories.

It is unfortunate that India although being a major supplier of coloured gemstones, Indian labs. due to lack of aforesaid techniques cannot identify the latest synthetics (that is if the piece is clean, without any giveaway inclusion) viz., Synthetic Chrysoberyl, Synthetic Flux/ Hydrothermal Rubies, Synthetic Quartz etc.

Even GTL, Jaipur has virtually stopped certifying the Quartz species (Amethyst, Citrine etc.) for over one and half year as the identification of Synthetic Amethyst and Synthetic Citrine prevailing in the market is quite impossible without the aid of sophisticated instruments.



EVENTS & UPDATES

Fraternity Evening : The 2nd fraternity evening was held on 4th April at the Mohan Lal Sukhadia Hall, Chamber Bhavan, at 4.00 pm. Formally the name of ex-students association " Prism Alumni " was announced.

The Main speaker was Shri Sudhir Kasliwal and he not only talked about Indian & International market but also emphasized the need of qualified gemmologists in todays market.. Shri Rashmikant Durlabhji wished Prism Alumni a Good Luck. We wish to thank Mr. Surendra Rakhayan, Mr. Nawal Kishore Tatiwala, Mr. Alok Kala and Mr. A.S. Mehta who with their presence graced this occasion. We also thank all the students who participated that evening.

EVENTS & UPDATES

Miss Shubh Singhi gave welcome speech and Miss Samta Bordia introduced the newly formed association, Mr. Vikas Joshi briefed about the aims and goals of prism alumni, and also demonstrated the VPO machine. Miss Ritu Mehta presented the Annual report of the events and happenings of the gem trade. At the conclusion of the evening students of the 15th batch presented GTL with a statue of Lord Ganesha. The evening ended on vote of thanks by Miss Vrinda Khandelwal.



Pearl Donation: Shri Satyajeet Agarwal of Mansarovar pearls, Hyderabad donated natural metallic brown pink pearl to the Gem Testing Laboratory, during Gem & Jewelry trade fair at Delhi. We wish to express sincere thanks for donation.

Send us your comments and suggestions so that we may bring you more information and updates.

Contact: Gem Testing Laboratory,
Rajasthan Chamber Bhawan,
M.I. Road, Jaipur 302003.

Phone/Fax : 91-141-568221/ 573565

Contact Persons: Shyamala Fernandes
Sunil SARMA, Vikas Joshi

Gem Testing Facilities

1. Single stone - Regular category
2. Single stone - On The Spot (O.T.S.)
3. Packet Lot - Same colour lots only

Note: Rough specimens require to have one side polished for certification.

Educational Activities

1. Diploma Course In Gem Identification
Resident Course- September 1998

ADMISSIONS ON FIRST COME BASIS

Correspondence Course

2. Basic Courses - 5 / 15 days :
Rough / Emerald / Navratna
Identification

=Special courses conducted for offices as per individual requirements.

GEMSTONE KIT FOR STUDENTS

Contact : Rajendra Trivedi,
C/o Kamal Traders, B - 12, Janta Bazar,
Chandi - Ki - Taksaal, Jaipur - 302002

Ph. 519574(r)/607040(o)-pp.

NOTE : This space is for past & present students of GTL, Jaipur. We are not responsible for any form of dealings.

DIPLOMA RESULTS

XV th BATCH

Exam held on 31st March and 1st April 1998.

1. Mr. Amrish . K. . Shah.

CONGRATULATIONS AND WE WISH HIM ALL THE VERY BEST.

DIPLOMA COURSE SCHEDULE

17th. Batch : 7th. Sep.1998

18th. Batch : 4th. Jan.1999

GEMMOLOGISTS IN JAIPUR

Whether you are a D.G.I., D.G., F.G.A., G.G. or D.Gem.G., please contact us at GTL with particulars, since we are compiling a list of gemmologists based in Jaipur from 1947 onwards

FOR GEM TESTING LABORATORY

STONE NEWS

Colourless Composite: Recently a very ingenious type of composite was observed. The distinctive features were high dispersion, (Higher than synthetic cubic zirconia), low S.G. (4.33), differing reactions of thermal probe on crown and pavilion facets, junction plane below girdle on pavilion facets. The crown part was probably corundum.

Blue Fluorite : Aqua coloured fluorite was tested tested recently. A 20.25ct oval mixed cut showing distinct colour zoning, triangular two phase and three directional cleavage cracks.

Apatite : Greenish yellow, brownish yellow stones both rough and cut samples upto 13 cts. The inclusions were parallel fine needles. In some stones two directional short silk like inclusions were also seen.

Natural Zircon : A brownish yellow, 3.32ct stone showing twin planes like growth zones and distinct doubling of facet edges and a typical spectrum.

Orthoclase Felspar: A mottled green/white rough with one side polish, similar to microcline felspar, weighing 61cts was tested and certified. The properties were typical of orthoclase felspar with fine centipede like inclusions and 2 directional cleavage planes.

Glass : A deep red Coloured 419 ct rough stone with one side polish, showing distinct gas bubbles.