

Feature

National Test House has recently celebrated its 106th Foundation Day(31stAugust, 2017) here is a feature giving information about the organization

PIB

PRESS INFORMATION BUREAU

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National Test House

A century old National Test House commonly known as NTH is a multi-disciplinary laboratory engaged in Testing and evaluation of Engineering materials and products, Training and consultancy, Research and Development, Standardization and Product development activities. NTH is functioning under the administrative control of Department of Consumer Affairs, Ministry of Consumer Affairs, Food and Public Distribution, Govt. of India.

NTH with its incredible heritage in the quality assessment of different engineering material and products is catering the needs of the Indian Industry and act as third party Quality Control testing organization and offering Consultancy and Training to the Scientists and Engineers of many organizations. NTH services are widely spread across the country with its six branches located at Kolkata, Ghaziabad, Mumbai, Chennai, Jaipur and Guwahati.

The NTH, Mumbai is having specialized Laboratories in the fields of Chemical, Civil, Mechanical, Electrical, Rubber plastic Textiles and Non Destructive testing.

Chemical Engineering Division

- **Food packaging materials** like Paper plates, Paper & Plastic Glass, Aluminium containers, Sweet boxes, Plastic Spoons, Thermo Cole Plates, Ice cream Cups, Polythene pouches tested for Migration of toxic elements like lead, Arsenic, Cadmium, mercury, Chromium, barium etc under Food Safety Standards Authority of India (FSSAI).

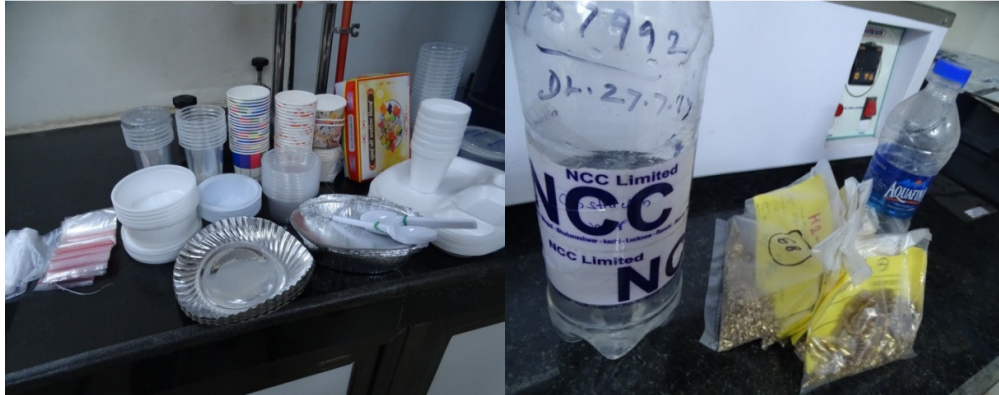
Drinking water : Potable Water, Natural packing drinking water, packaging drinking water, baby feeding bottle

Metals and alloys: Steel , Brass, Bronze, Gold, silver, Aluminium, Copper for purity

Paints: Different types of enamel paints for interior and exterior properties, Road marking paints, thermoplastic Paints and VOC content (Volatile Organic content).

Soaps and Detergents

**Petroleum products & Bitumen,
Agro products and pesticides,
Ladies hair clips for toxic elements and cosmetics.
Training to the post graduate students of Science and technology on advanced
technologies of testing and evaluation of products**



Rubber plastics, paper and Textiles division

**Gumboots and Raincoats,
Carbon papers, Computer papers,**

**Woolen sweaters, Cloths, Blanket, Rubber mats,
Polyester suiting and shirting, Sarees, Blair,
Uniform dress materials for police and for school children,
Water bottles, lunch boxes,
Bank cheque books, Note books, Railway tickets
Hose pipes etc.**

Electrical Engineering Division:

- Cables and switches,
- Electric iron boxes,
- Plugs and sockets, Fuse,
- Ceiling roses, Lamp holders
- Insulating tape and materials,
- Grinders and Mixers.



Mechanical and NDT Division

- Structural Steel for Building constructions, TMT Steel Bars, Pressure cooker, Gas stoves,
- Fasteners, Pipes, Valves, Bicycles, Fire Extinguishers, Weights and Measures for Legal Metrology
- Hospital furniture, Testing of weld Joints , Welding Electrodes, Measurement of coating thickness
- Welders certification as per IBR, Radiography testing, Ultrasonic Testing
- Skill development training program for welders



Building materials Division

- **Cement & Fly Ash,**
- **Door and windows,**
- **Bricks, Pavers, Blocks & Fly Ash Bricks, Concrete Tiles , Vitrified tiles**
- **Wood and timber,**
- **Water for construction purposes,**
- **Sanitary fittings and Furniture,**
- **Construction chemicals and adhesives.**



*Thereby NTH is providing specialized services to the Indian Industry, Trade , consumers **and Common man**. The laboratories of NTH, Mumbai are accredited by the National accreditation Board for testing and Calibration laboratories (NABL) and Recognized by the Bureau of Indian Standards under Lab Recognition Scheme.NTH performs all its activities strictly on the lines of ISO 17025-2005 for management and technical requirements*

The strength of NTH is uniquely possessing sophisticated state of art equipment for testing and highly qualified Scientists. The web based management systems of NTH facilitates the customers to view the progress of testing at the laboratories and down load the soft copy of the test certificate at their door steps. Being a **Proficiency testing Provider**, NTH Mumbai is certifying the performance of other testing laboratories in the country.

The reputed Organizations like Bureau of Indian Standards, Indian Railways, Central and state Public Works Departments, Central Vigilance commission, Public and Private enterprises etc. are utilizing the services of NTH. The scientists of NTH are associated with BIS for Standardization as technical experts, NABL for National accreditation programs as Assessors and Lead Assessors. NTH is continuously updating the testing technologies with reference to the New Generation of Engineering materials and products with a view to fulfill the requirements of Industry and upcoming infrastructural projects.

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