



New Hampshire
MATERIALS
LABORATORY, INC.
Your Problem Solving Partner

Special Announcement New GDS Machine Arrives At NHML

April 2010

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A Message From NHML

From the start, NHML has always considered ourselves our customers "Problem Solving Partners". Our mantra remains the same after 30+ years being in business. With that in mind, we are proud to announce that NHML acquired a GDS a.k.a. Glow Discharge Spectrometer. It is up and fully operational continue reading for more information on the GDS.

Tim Kenney
Owner/Director of Laboratory

Glow Discharge Spectrometer a.k.a. GDS Machine

What are the benefits of a GDS (Glow Discharge Emission Spectrometer) to our customers? It allows NHML to offer quicker turnaround time for our customers and the capabilities to expedite results upon request.

The GDS offers state of the art technology designed specifically for routine elemental determination in most ferrous and nonferrous materials. Some of the advantages of the GDS are minimal sample preparation, ease of analysis for materials that are difficult to put in solution, and excellent precision.

NHML currently has the following methods and standards for the GDS:

- Carbon & Alloy Steels
- Cast Iron
- Tool Steel
- Stainless Steel
- Cast Aluminum
- Unalloyed Copper
- Titanium Alloys
- Aluminum
- Nickel Alloys
- Brass
- Tellurium Beryllium Copper



New GDS Machine

The GDS is ideal for rapid analyses of plate, barstock, and structural shapes. It can be appropriate for essentially nondestructive testing of fabricated parts with thickness less than 2". No oddly shaped, or low melting points such as solders, or very thin metal foils can be tested on the GDS. (Do not hesitate to contact one of our staff members to discuss whether your samples qualifies for a GDS analyses.)