

Metal Testing

Accurate / Dependable / Analysis



Metal being tested for composition by Engineering Services.

What is your metal made of?

Not all metals are created equal. Depending on the composition, metallurgy can vary greatly. PMI (Positive Material Identification) is critical in making sure the right metal is in place in your facility to prevent production failure. But how can you really know for sure? Wear-Concepts can test and accurately report the elemental analysis of your alloy sample at our Liberty, Missouri facility. The analysis will break down the composition into the following categories:

- Elemental chemistry
- Elemental percentages and concentration
- Alloy Grade ID
- Classification of metal type

(See reverse for Hardness Testing Information.)

2845 E. Heartland Drive
Liberty, MO 64068

WC-SV-MT

11-17

888-4WEARCON (888-493-2726)
816-587-1923 • Fax 816-587-2055
info@wearcon.com
www.wearcon.com



Metal Testing

Accurate / Dependable / Analysis



Metal being tested for hardness by Engineering Services.

How hard is your metal?

The hardness of metal depends on several factors. Composition, cast, density, and temper are a few of several components that determine hardness. But how can you really know for sure? Wear-Concepts can test it at our Liberty, Missouri facility. A ping test will sample a variety of locations to determine the overall Brinell or Rockwell hardness. Some types of metals that are routinely tested include the following:

- Mild steels
- AR plate
- Stainless
- Chrome carbide overlay
- High chrome white iron
- Sintered carbide

(See reverse for Alloy Analysis Information.)



888-4WEARCON (888-493-2726)
816-587-1923 • Fax 816-587-2055
info@wearcon.com
www.wearcon.com

2845 E. Heartland Drive
Liberty, MO 64068

WC-SV-MT

11-17

WEAR-CONCEPTS