

Laboratory Certificate



Miami-Dade County, Florida

Building Code Compliance Office

Suite 1603

140 West Flagler Street

Miami, Florida 33130-1563

(305) 375-2901

Fax (305) 375-2908

This certifies that Z.C. Metallurgical, Inc. located at 2870 Stirling Road, Hollywood, FL 33020 is an approved Testing Laboratory in accordance with Miami-Dade County Building Code Compliance and Protocol TAS301-94, and is Certified to perform the following tests:

- | | |
|---|------------------------------------|
| Spectographic, Micrographic, and Harness Analysis | Ultrasonic Inspection MIL-STD-2154 |
| Tensile & Shear Tests ASTM E8,E23,A385 | ASTM D785 |
| Salt Spray ASTM B117 | ASTM D792 |
| Humidity Test ASTM E41 | ASTM E10 |
| Stress Rupture ASTM E633 | ASTM E110 |
| Weld Certification MIL-STD-1595A | ASTM E118 |
| Radiographic Inspection MIL-STD-453 | ASTM E18 |
| Magnetic Particle Inspection MIL-STD-1949 | ASTM E384 |
| Fluorescent/Dye Penetrant MIL-STD-6866 | ASTM E340 |
| EDDY Current MIL-STD-271 | ASTM D671 |
| | ASTM D790 |
| | ASTM A90 |
| | ASTM D635 |

Results of the above mentioned test shall be properly submitted to the Miami-Dade County Building Code Compliance Office per TAS301-94, along with all other documentation required for the approval of products. Approved engineer(s) for this laboratory:

Frank E. Grate, Jr., P.E.

This Certification and Registration Approved: August 24, 2006

This Certification and Registration Expires : July 21, 2011

Certification No. : 06-0711.05 *Renews: 01-0718.12*

Jaime D. Gascon, P.E.

Chief

Product Control Division

Americo Segura

Acting, Senior Quality Assurance Inspector

Product Control Division

The Miami-Dade County Building Code Compliance Office reserves the right to remove this certification for non-compliance with rules and regulations as set by Protocol TAS301-94.