

# CEMCO Mill Certification Policy

Effective January 1st, 2013

CEMCO's Mill Certification Policy is to provide Mill Certificates for all steel utilized in the production of CEMCO stud and track products. Mill Certificates will be provided, free of charge, upon the request of the customer as required for compliance with the construction documents. Mill certifications must be requested at the time of order placement and will be sent with each shipment. This policy does NOT APPLY to accessory items such as flat strap, angles, E-Studs, notched tracks, beads and trim, which are not required to have mill certificates.

## Mill Certificates Shall:

1. Be provided by CEMCO Engineering (IAS TL 316) which is in compliance with ANSI/ISO/IEC Standard 17025 and is certified to perform the required testing.
2. Be formatted in a Certified Test Report (sample attached).
3. Be available for Structural and Non-Structural stud and track framing members only.
4. Be 100% traceable to each stud and track member and will be marked in accordance with ASTM C955 (Structural) and ASTM C645 (Non-Structural). The slit coil number will also be visible on each stud and track member. Pieces shorter than 6' may not have ink jetting on each and every piece.
5. The CEMCO mill certificates shall contain the following information:
  - A. Heat Number
  - B. Coil Number
  - C. Nominal Thickness
  - D. Galvanized Coating Weight
  - E. Yield Strength
  - F. Tensile Strength
  - G. Elongation %
  - H. Test Standard A370
  - I. Certified Technician Signature

CALIFORNIA EXPANDED METAL PRODUCTS COMPANY (CEMCO)



# STEEL MECHANICAL PROPERTIES

## Official Test Report - Prime Steel

### Sales Order #:

Customer Name:  
Customer #:  
Billing Address:

Job:  
Customer PO:  
Order Date:  
Ship Weight:  
CSR:

### Coil Usage *manufacturing for the above referenced order(s).*

Coil #	Nom. Thickness	Galv Coating	Yield KSI	Tensile KSI	Elongation %
<b>Heat:</b>	<b>070714-68G60</b>				
ISP272314	0.0695	G60	57.0	65.4	27.8
<b>Heat:</b>	<b>072061-68G60</b>				
ISP272257	0.0695	G60	62.9	74.6	27.9
ISP272554	0.0695	G60	62.9	74.6	27.9
<b>Heat:</b>	<b>072305-54G60</b>				
ISP269207	0.0553	G60	67.0	71.9	26.5

Tests conducted by CEMCO ENGINEERING LAB  
(an independent IAS accredited testing laboratory)  
1001-A Pittsburg/Antioch Hwy, Pittsburg CA 94565  
P: 925.473.9340, F: 925.473.9124 Email: testingservices@cemcosteel.com

CEMCO Testing Technician

Signature:

Ernesto Hipolito

#### Remarks

Tested in accordance with ASTM A370-12.  
Yield @ 0.2% offset.  
Steel Standards

ASTM A653/A653M-11 and/or ASTM A1003/A1003M-12

#### Test Equipment

Load Frame: UNITED SFM-30-E  
Load Cell: UNITED U-30K-PQST, S/N TVI103167  
Displacement Sensor: United EZ.2-2 Extensometer with 2" gauge length

#### Manufacturing Locations:

263 Covina Lane, Industry CA 91744 P: 626.369.3564  
1001A Pittsburg/Antioch Hwy, Pittsburg CA 94565 P: 925.473.9340

#### Disclaimer

The results presented in this report relate to steel samples identified by Heat Lot No. Several coils can be represented by a single Heat Lot No. A margin of error of 2% is allowed for application to test results due to sampling uncertainty. This report may not be altered and can be reproduced only in its entirety.

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IAS Testing CEMCO ENGINEERING LABORATORY

490 Osage Street, Denver CO 80204 P: 303.572.3626  
8600 Will Rogers Blvd, Ft. Worth TX 76140 P: 817.568.1525

