



MARINE ♦ INDUSTRIAL ♦ ARCHITECTURAL STAINLESS STEEL PRODUCTS

QUALITY ASSURANCE

Hundreds of stainless hardware to choose from!
Please contact us to order or if you have any questions:

Tel: **800-394-2222**

Email: **sales@suncorstainless.com**

Website: **www.suncorstainless.com**

Suncor Stainless produces the highest performance quality stainless components in the industry, all backed by the industries only Limited Lifetime Warranty. Quality assurance is a core business practice at Suncor. Our dedicated quality team utilizes state-of-the-art testing equipment to ensure customer satisfaction on every part sold. As an ISO certified company, Suncor Stainless leads the industry in quality products and services.



ISO certification signifies that Suncor abides by the strictest standards of quality control and documentation. Our ISO program requires the constant testing of our products during and after the manufacturing stage, as well as, the constant improvement of our people processes and controls for product innovation and employee training. Under our ISO program, we guarantee our products and your customer satisfaction. Suncor Stainless, Inc. has truly set the bar for performance quality stainless steel.

PRODUCT TESTING & QUALITY ASSURANCE

Suncor consistently tests all product that we sell in three areas: elemental metals content, stress and tensile strength, and physical salt spray for corrosion resistance proofing. Additionally, all products are physically inspected (PI) for design dimension and physical appearance.

Metal Content Testing

Suncor Stainless utilizes X-Ray Florescence (XRF) chemical analysis to determine the accurate metal content of our products before, during and after the manufacturing process. XRF is an elemental analysis technique that is highly accurate in determining major elements and providing a broad elemental survey in metals. Few companies own and utilize these devices due to the high cost of the equipment. We believe it is an investment worth its weight in gold.



XRF Scan Gun with stand and accessories

Scan results list the material composition

Strength Testing

Suncor uses a variety of instruments to test the strength of our parts against the stated specifications. Simply stated, we perform extensive stress tests (ST) on all products with stated load performances.



Tensile and stress testing capabilities

Analyzing the results from pull testing



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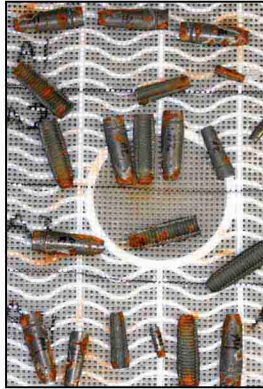


Corrosion Resistance Testing

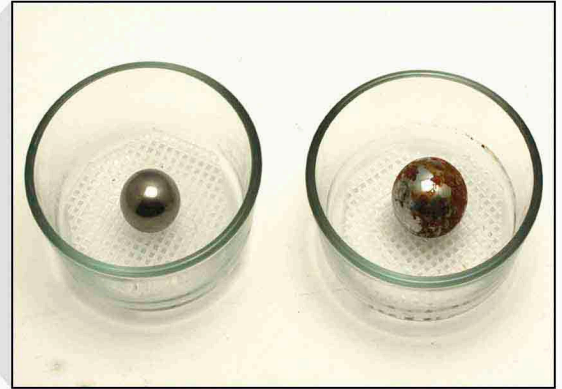
Suncor performs extensive materials proofing for corrosion resistance, utilizing a sophisticated salt spray (SS) testing process. This places the product under the strain of 10 years of constant ocean water exposure. These machines are rare due to the cost and overhead of operation, but the investment ensures the elimination of undetectable issues before they happen.



Salt Spray Tester



Failed Components



Good and Bad Material Tested in Salt Spray

TESTING CHART

Raw Material
XRF

Manufactured
XRF
PI
ST

Received
XRF
PI
ST
SS

Only after these tests do we enter the product into our inventory for distribution. Any product sampling that fails a given testing procedure requires extensive retesting of new samples until they are rejected or the issues are resolved. These tests allow Suncor Stainless, Inc. to set the bar for performance quality in the stainless steel manufacturing industry.



Haas Gantry Router Machine

STATE-OF-THE-ART MANUFACTURING & CUSTOM PARTS PRODUCTION

Suncor has moved aggressively into domestic manufacturing by investing millions of dollars in the past few years. This has given us the ability to respond quickly to customer demand for stock and custom products. We can now produce an almost infinitesimal line of custom parts and prototypes.



EuroTech CNC Lathe

CNC Capabilities & Precision Welding

- Citizen Swiss Style Screw Machine
- EuroTech High Speed CNC Lathe
- Haas Gantry Router
- CNC Horizontal Lathe
- CNC Vertical Mill
- TIG & MIG Welding



Haas CNC Vertical Milling Machine



Custom Components

Suncor Stainless, Inc. can handle almost any stainless steel parts requirement in long run or short run. We can work with you to design, specify and manufacture complete parts or individual components. Call or click today to learn more about Suncor Stainless and our vast products and services!



Citizen Swiss Style Screw Machine



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