



Carpenter Technology Corporation Quality Program Information Brochure
Revision Date: 3/31/2023

Address:

Corporate Headquarters:
Carpenter Technology Corporation
1735 Market Street – 15th Floor
Philadelphia, PA 19103
USA

Reading Operations:
Carpenter Technology Corporation
P.O. Box 14662
Reading, PA 19612
USA

Phone: 1-800-654-6543
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Organization:

Tony R. Thene	President & Chief Executive Officer
Steve Jennings	Vice President & Group President
Marshall Akins	Vice President & Chief Commercial Officer
Kerim Cetin	Vice President – Product Compliance, Process Metallurgy, & Quality Assurance
Suniti Moudgil	Vice President & Chief Technology Officer
James Scharadin	Manager – Quality Systems & Accreditation

Quality Policy:

As a leading manufacturer of specialty metals for critical end-use applications, Carpenter Technology Corporation is committed to Total Customer Satisfaction through Continual Improvement of the Quality of our processes and products.

Carpenter recognizes the importance of Human Performance (including Human Factors) in Safety, Quality and Operational Excellence. Using an HP systems approach, we will continue to drive continuous improvement in our processes. Through our STOP program, employees are encouraged and enabled to openly report any unsafe or abnormal condition (safety, quality, operational).

We define Total Customer Satisfaction as Zero Customer Disappointments to Mutually Agreed-Upon Expectations.

Company Personnel:

Reading – 2200

Company Details:

Founded in 1889

Total Reading Plant Area- 3.4M sq. ft. contained in more than 150 well maintained buildings of various shapes and sizes to accommodate the manufacturing processes.

Website: <http://www.carpentertechnology.com>

To access Quality Systems information -

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1. Click on **Customer Solutions** at the top of the page.
2. Click on **Quality Certifications**.
2. All certifications are organized by location.
3. Click on Quality Manual or Accreditation Certificates

To access financial information -

1. Click on **Investors** located at the top of the homepage.
3. Click on **Financial Reporting** located at the left side of the page.
4. Dunn & Bradstreet No: 00-234-4315
5. Tax ID: 23-0458500

Industry Codes:

SIC: 3312
NAIC: 331111

Markets Served:

Aerospace, Automotive, Electronic, Medical, Industrial Equipment, Power Generation, Chemical & Petroleum Processing, Construction, and Consumer Goods & Appliances.

Manufacturing Processes:

Arc/AOD melting, vacuum induction melting (VIM), vacuum arc remelting (VAR), electroslag remelting (ESR), continuous casting, powder metal processing, rotary & press forging, hot rolling, annealing & heat treating, cold finishing. Performs Manufacturing of Laminations and Complete Stator & Rotor Assembly Cores and Segments in Accordance with Customer Specifications.

Product Range:

Carpenter's broad product portfolio includes high temperature (iron-nickel-cobalt base), stainless, superior corrosion resistant, controlled expansion alloys, ultra high-strength and implantable alloys, tool and die steels, and other specialty metals as well as titanium alloys. In addition, Carpenter Technology's Electrification group provides solutions for laminations and complete stator & rotor assembly cores.

Product Forms:

Ingot, billet, hollow and multi-dimensional forged bar, cold finished bar, strip, plate, wire, rod, and loose gas atomized metal powders

Quality System Approvals:

PRI Registrar:

ISO 9001:2015
AS9100 Rev D
AS9120 Rev B

TUV Rheinland of North America:

AD Merkblatt Standards AD2000-W0
Pressure Equipment Directive 2014/68/EU

Nadcap- Special process certificates by PRI:

Heat Treating
Materials Testing

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Ultrasonic Testing

A2LA – General Competence of Testing and Calibration Lab
ISO/IEC 17025:2017

Reference Documents used in developing the QMS:

ISO 9001
AS 9100
AS13100
AMS 2750
ISO 17025
10 CFR 50 Appendix B
10CFR21

Customer Approvals:

Pratt & Whitney ASQR-01 - ESA Agreement, & Materials Control Laboratory
GEAE GT193
General Electric-AEBG S-1000
Rolls Royce approval 11257
Snecma DMC0022

D.o.D. Cage Code: 3E9Y8

Environmental Requirements:

- ISO 14001 Certified Environmental Management System, consisting of an Environmental Policy and procedures
- Permit Types -Air & Wastewater/Stormwater Discharges

Environmental, Health & Safety Policy:

Protecting people and the environment will be part of everything we do. Our goal is to eliminate injuries, prevent adverse environmental and health impacts, minimize wastes and emissions, and promote resource conservation in all aspects of our business.

To achieve this goal we will:

- Operate our facilities and measure performance against standards that meet or exceed all applicable laws.
- Continuously improve our processes to advance environmental, health and safety quality.
- Identify hazards and implement preventive or protective measures.
- Communicate with our employees, shareholders, and the community and report our progress.
- Cooperate in the development of sound environmental, health and safety technologies and policies.

Record Retention:

Inspection/ test results are retained for a minimum of 30 years.

Heat Treatment:

Types: Annealing, Normalizing, Tempering, Stress Relieve, Age Hardening, Normalizing, and Quench Cooling
Equipment: Gas Furnace, Electric Furnace, Oil Furnace



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Nondestructive Examination (NDE) Capabilities:

Method	Specification
Ultrasonic	ASNT SNT-TC- 1A, NAS410, ANSI/ASNTCP189, T9074-AS-G1B-010/271, AMS2630, ASME Section 111 & V, Customer Specific
Eddy Current	ASNT SNT-TC-1A
Magnetic Particle	ASNT SNT-TC-1A, ASTM E1444, ANSI/ASNT CPI89