

Carpenter Technology Corporation Quality Program Information Brochure

Revision Date: 05-07-18

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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Email: Service@cartech.com

Organization:

Tony R. Thene	President & Chief Executive Officer
Joseph E. Haniford	Senior Vice President & Chief Operating Officer
Damon J. Audia	Senior Vice President & Chief Financial Officer
Michael Murtagh	Vice President & Chief Technology Officer
Brian J. Malloy	Vice President & Chief Commercial Officer
Kerim Cetin	Vice President – Global Quality
Edward A. Wanner	Director - Process Technology & Product Development
Thomas C. Zogas	Director - Product Metallurgy
Robert W. Kemp	Director - Quality
Robert A. Heckman	Senior Manager - Quality

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.

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.cartech.com>

To access Quality Systems information -

1. Click on **Quality Certifications** under **Quick Links** (located at bottom right of page)
2. Open the desired site by name
3. Click on Quality Manual or Accreditation Certificates

Carpenter Technology Corporation Quality Program Information
Brochure Revision Date: 05-07-18

To access financial information -

1. Click on **Investor Relations** (located on top right of page)
3. Click on **SEC Filings** (located on right of page)
4. Access to financial information 10K (annual report, etc)
5. Dunn & Bradstreet No: 00-234-4315
6. 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.

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.

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:

ISO9001:2015
AS9100 Rev D
AS9120 Rev B

TUV Rheinland of North America:

AD Merkblatt Standards AW2000-WO
Pressure Equipment Directive PED 97/23/EC

Nadcap- Special process certificates by PRI:

Heat Treating
Materials Testing
Ultrasonic Testing

A2LA – General Competence of Testing and Calibration Lab

ISO/IEC 17025:2005

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Brochure Revision Date: 05-07-18

Reference Documents used in developing the QMS:

- ISO 9001
- AS 9100
- 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 Regulations:

- Management System is internally developed and consists of an Environmental Policy with procedures:
- Permit Type -Air & Wastewater Discharge

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

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, AMS 2640, ANSI/ASNT CPI89