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Chart International, Inc.



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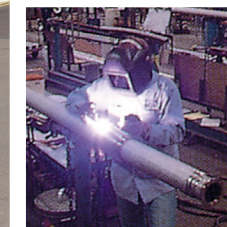
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New Prague, MN 56071

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*Engineered Equipment
Systems Supplier
Installation Specialists
Single-source Accountability
Complete Product Training*

Chart Inc. is a leading manufacturer of standard and custom engineered products and systems for a wide variety of cryogenic and heat transfer applications. The Chart International installation crews are factory trained to install these systems, consistently making installations by our Chart International service team the best value for your clients. Chart International's skilled installation crews incorporate the highest levels of engineering technology, proven technical expertise, superb quality and first-class craftsmanship into every installation. Chart provides aftermarket OEM services to keep your systems running smoothly and performing to the original factory specifications. We invite you to look closer – you will discover why Chart International, Inc. will be your preferred installer and service company for custom fabricated and engineered systems.

Field Services

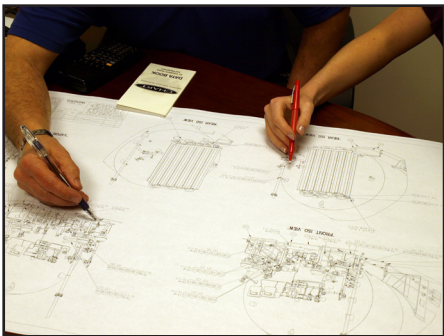
Engineered-To-Order (ETO) Systems

Qualifications

Custom Solutions

- ✓ Pressure Vessel
- ✓ Process Piping
- ✓ Vacuum Insulation
- ✓ Heat Transfer
- ✓ Industrial Controls
- ✓ Corrosion Resistant
- ✓ Paint Protection
- ✓ Durable & Reliable
- ✓ Turn-key Installations

Our engineering staff combines processes, materials and your specification to design cost-effective *engineered solutions* into your product. Each project is reviewed with the customer during the development phase to verify the design will match the client’s intended use. This stage is critical so the operational cost targets are met after the equipment system is installed to guarantee customer satisfaction. Try us and find out why our customers keep coming back.



Materials

Stainless Steel SA 240: 201, 201LN, 304, 316
High Grade Steel SA 553 T1 (9% Ni), A333 Gr. 11 (Invar 36 - piping)
Carbon Steel A36, SA612
Aluminum 3003, 5052
Copper & Brass

Qualified Welding & Joining Processes

GMAW, GTAW, SAW
Silver Braze, Solder
Orbital Welding

Pressure Vessel Codes

Stationary: ASME Section VIII - Div 1
Portable/Transportable: DOT, TC, ADR, IMDG
Pressure Piping: ASME B31.3

Design & Manufacturing Approvals

NYC, Canada, TUV (Germany)
UDT (Poland), KHK (Japan), SGS (NZ), Australia, PED, CMA
Arbejdstilsynet (Den), SAQ (Sweden), Workcover (NSW)
DOSH (Malaysia), KGSC (Korea), Israel
Plant Safety (UK), ARISAE (Spain)
BV/Apragaz (Belgium)
Lockheed Martin Space Systems
OSHPD
Det Norske VERITAS

Testing & Inspection

Real Time X-Ray, X-Ray, Dye Penetrant, Hydrostatic to 1500 psig, Helium Gas Mass Spec, Borescope, Mechanical Testing: Impact, Tensile & Hardness, CMM Faro Laser Tracker, Vacuum Pumps

Certificates

ASME: U-8377
National Board: R-1429
Various Med Gas Installers
OSHPD Inspector: A-20543
OSHA 30 Hour Construction

Facility Registration

DOT 4L Cylinder: M4494
DOT Transport Unit: CT-0453
Transport Canada TC4LM: TC59
Transport Canada TC338/341 (B621 & B622): 25-554
China SQL: 01004MT
ISO 9000:2000: GQC 246
AAR M1003(Q)
AAR M1002(T): CIPM

State Contractor Licenses

California: 889362 A D34 C36
South Carolina: G114888 GC BD5
Iowa: C107224

Field Services



Chart Field Service technicians are fully trained to handle on-site repair and maintenance requirements, and can be dispatched promptly. Our specialists provide new installation services, system upgrade recommendations, and repair almost any cryogenic equipment on site. Chart’s technicians provide helium mass spec leak testing, vacuum loss investigation and repair, and turn-key installations with vacuum insulated pipe. Installation service from our experienced team guarantees the job is done right the first time and on time.



Before



After

When you choose Chart International, you get single-source accountability from installation of engineered systems to technical support.



Industries Served

- ✓ Chemical
- ✓ Agricultural
- ✓ Defense
- ✓ Energy
- ✓ General Processing

Field Services

- ✓ Installation
- ✓ Repair
- ✓ Project Management
- ✓ Design
- ✓ Pressure Vessels
- ✓ Storage Tanks
- ✓ Heat Exchangers
- ✓ High-Grade Piping