



PRODUCTS SERVICES

BOILERS, STEAM, & CONDENSATE EQUIPMENT



INSTRUMENTATION & CONTROLS



DRY BULK PROCESS EQUIPMENT

1st to Quote. 1st to Deliver. **1st in Customer Service.**



SANITARY & HIGH PURITY EQUIPMENT



VALVES & ACTUATORS

Call or Email to Request Your Quote 763-777-9525 • Sales@ApexSolutionsMN.com

INC

EFFICIENCY

CONTACT APEX FOR A QUOTE



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- Sales@ApexSolutionsMN.com
 - www.ApexSolutionsMN.com

SOLUTIONS

- 113 Chelsea Rd Monticello, MN 55362 \bigcirc in apex-industrial-solutions-inc-
- ► YouTube @apexindustrialsolutions

WATCH OUR COMPANY OVERVIEW VIDEO

MEET THE APEX TEAM



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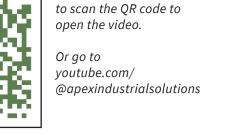
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South Dakota

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Use your phone's camera

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Come & Visit Us! **Apex Industrial Solutions, Inc.** 113 Chelsea Rd Monticello, MN 55362



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- Duluth, MN
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Bob's Territories

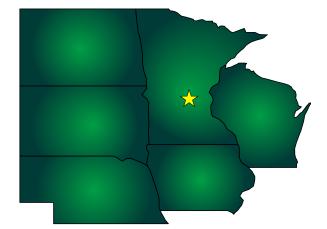
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Our local sales territory includes ND, SD, NE, MN, IA, WI. Ask us about National distribution! 763-777-9525





Control Tops

Sampling Valves

Check Valves

Sight Glasses

Laser Levels

JÕGLER

ONICON

Flow Measurements

Energy Measurements

BTU Flow Meters

Thrush

Steam to Hot

Water Heaters

Air & Dirt Removal

Electric &

Pneumatic

Actuators

Accessories

Feeders

Valves

Gauges

Exchangers

Pumps

HVAC Control

Valves

Positioners



Airflow Measurements

Immersion Heat Exchangers

Bolt-On Heat Exchangers

Kasor

Screeners &

Sifters

Separators

Delta T

Thermal

Solutions



Valves

Actuators

Flow Measurement

Dry Material Specialty Valves

Actuators

MARL®

EAT TRANSFER SOLUTIONS

Steam Coils

LJ Star Coils

ARMATUREN

BUNTING GLOBAL. MAGNETIC. FORC

> Dry Material Handling Magnetic Separation Metal Detection

> > HPA

HARDY PRO-AIR

Blower Packages

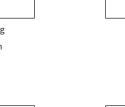
Sound Enclosures

MEYER

Rotary Valves

Screw Pumps

Double Flap Gate Valves







Valves

Actuators



Valves Regulators Monitors & Meters

Valves

Cannon **BONO ENERGIA**

Boilers Steam Generators



Filter Housings Filters Strainers



Sensors Monitors





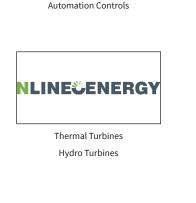


SANITAR

Dampers Louvers Filters



Heat Exchangers Large Gap Plates **On-Site Services**





Flow Measurement Level











Hospital Air Pressure Monitors

Laboratory Air Pressure Monitors

VS/<u>controls</u>

Gas Valves

Pressure Regulating Valves

Actuators

Blenders

Fluid Bed Dryers

Indoor Flameless Vents Explosion Isolation Valves





Pneumatic Convey Systems Vacuum Cleaners



Steam Traps Hot Water Heaters Pressure Reducing Valves



Control Valves **Condensate Pumps**



Flexible Screw Conveyors

Plate & Frame

On-Site Repairs Replacement Plates for Alfa. Tranter, APN







Explosion Vents & Doors



Stratomizer

Air Handling

Units

UWT

Dry Bulk Level Measurement

Liquid Measurement

V-TORK

Pneumatic Actuators

Electric Actuators

(Class | DIV | Electric Fail Safe)







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Sanitary Hos			ers S	ASCA Solenoid Valve		Ga	SAS DONTROLS	Pressure Instruments Thermometers Level Indicators
BELIM			-M ° ting	BORDORILAMERICA Valves		وي Ga	BRASCH	ELLID CONTROL SYSTEMS Valves
Valves			Act	uators			Pumps Controllers	
A Brand of Max Air Tachnology.				EliteValve		EN	ROUP	<u>FABTEK</u>
		Check Va Control V		Valves Actuators Knife Gate Valves Strainers		Hea	t Exchangers	Condensate Units Boiler Feeds Pumps
		GRANZ OW :		CVC		(Bi	HABONIM	H-P Products
Ball Valves Butterfly Valves Actuators		Condensate Drains Level Controls Valves		Ball Valves Gate Valves Globe Valves Check Valves		,	Valves Actuators	Tube Bends Central Vacuum
		Max-Air		MAX SEAL Volves & Controls		MID		MILL-RITEINE, SETTING VALVES IN MOTION
Valves		Valves Actuators		Butterfly Valves Actuators Gear Ops			Valves ssure Relief Valves pture Discs Gauges	Valves Actuators Limit Switches
				COSt AUTOMATION we care for actuation			EOTEMP [®]	RICE LAKE
Level Monitors		Couplings Tubing Piping Hoses		Actuators		Me	erature Levels Pressure asurement nfigurators	Load Cells Weight Scales
STO VALVES					TITAN FLOW CONTROL	NL INC		
Ball Valves	Fl	uidizers	Valv Actua Cont	itors	Valves Strainer Pumps		Hoses	Actuators
NEUMO Breeberg Group		WARRIOR		WAYLAND Height Rey Herce Rey Herce Rey		WEKSLE		
Valves Tubing Fittings	g Regulators		Bucket Elevators Bulk Weighers Conveyor Belts Screeners		Sanitary Tubing Sanitary Valves Sanitary Fittings		Pressure Gauge Thermometers Thermowells	
olcop Dd								ouTubo



BOILERS, STEAM, & CONDENSATE

Boilers, heat exchangers, and steam systems are at the heart of what you do. They are a critical utility which needs to be professionally designed to optimize your energy consumption.

Apex will help you maximize your efficiency with the industry's best products.

APPLICATIONS

- Boiler Rooms
- Hospitals
- Breweries
- Distilleries
- Laundry Facilities

SERVICES

- Selection and equipment sizing
- Maximize energy efficiency
- Heat exchanger cleaning and servicing

Chemical Processing

• Textile Manufacturing

Beverage Processing

• Universities & Schools

Food Processing

• Steam trap audits





FIRETUBE BOILERS WATER TUBE BOILERS





PLATE & FRAME

STEAM & WATER COILS

HEAT EXCHANGERS







PRESSURE REDUCING VALVES

NLINE MICRO STEAM TURBINES



SAFETY RELIEF

VALVES





BOILER STOP VALVES













BOILER LEVEL CONTROLS





ASK US ABOUT ENERGY SAVINGS! NEW NLine Energy Turbines converts

your wasted energy into clean,

renewable power.

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CALL FOR MORE

INFORMATION NOW



NLINE ENERGY



MODULAR STEAM BOILER



SHELL & TUBE HEAT EXCHANGERS



PRESSURE MOTIVE CONDENSATE PUMPS



VERSAFLEX CONTROL VALVES



BURNERS & BURNER CONTROLS



DEAERATORS & SURGE TANKS



INSTANTANEOUS & SEMI-INSTANTANEOUS HOT WATER HEATERS



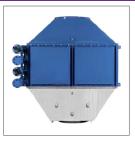
DUPLEX & TRIPLEX SKIDS



STEAM & HOT WATER CONTROL VALVES



STEAM TRAP SURVEYS



ECONOMIZERS



STEAM TRAPS



ELECTRIC CONDENSATE PUMPS



BOILER CHIMNEY STACKS



HEAT EXCHANGER CLEANING, REPLACEMENT, & SERVICING



INSTRUMENTATION

You can't manage what you don't measure! Instruments are your plant's way of capturing data.

Apex carries high quality instrumentation from today's leading brands to deliver you reliability and accuracy. Let our talented team of sales engineers help you accurately select the instruments you need to keep you up and running.

APPLICATIONS

- Food Manufacturing
- Dairy Industry
- Pet/Animal Foods • Water/Wastewater
- Treatment Boiler House
- Power Plants
- Nuclear Industry
- District Heating & Cooling
- Confectionery
- Oil & Gas Industry

- Paper Industry
- Plastic Industry
- Cement/Aggregates
- Feed/Grain Processing
- Indoor Air Quality
- Agriculture
- Pharmaceutical/
- Laboratories Silos
- And More



FLOW METERS

FLOW

ONICON

TURBINE METERS





FLOW

CORIOLIS FLOW METERS



THERMAL MASS FLOW METERS

FLOW

PRESSURE

SANITARY

PRESSURE

TRANSMITTERS

FLOW

SURFACE ACOUSTIC WAVE FLOW METER







WATER METERS

PRESSURE

PRESSURE

TRANSMITTERS

LEVEL

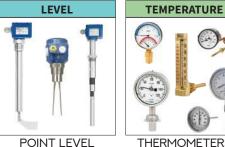
CONTINUOUS LEVEL

MEASUREMENT

TURBIDITY METERS THERMAL DISPERSION



DIFFERENTIAL PRESSURE TRANSMITTERS



THERMOMETERS



LEVEL MAG LEVEL GAUGES





LEVEL

GUIDED WAVE RADAR LEVELS

LEVEL







LEVEL

DETECTION

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EXPLOSION-PROOF

THERMOMETERS

MONITORS &

CONTROLLERS

GAS DETECTORS/

TRANSMITTERS

VALVES & ACTUATORS

We know valve automation!

Apex is your trusted expert in valve automation. We can size, select, mount, test, and calibrate your custom valve and actuator package.

We do it all in-house at our 10,000 ft² warehouse in Monticello, MN.

APPLICATIONS

- Irrigation/Water Treatment
- Wastewater Treatment
- Plumbing
- Boilers/Water Heaters
- Laundry Facilities
- HVAC Facilities

SERVICES

- Control valve sizing
- Custom valve automation
- Special mounting and linkages

- Mining
- Power Generation
- Oil/Gas/Petroleum
- Food Manufacturing
- Chemical/Plastic Manufacturing
- And More

MAS







BALL VALVES **BUTTERFLY VALVES** Actuated Ball Valves Actuated Butterfly Valves





HVAC VALVES

SANITARY VALVES



DAMPERS



SLIDE GATE VALVES



CUSTOM PACKAGES AVAILABLE! Custom automated packages and PRV station skids available.

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PNEUMATIC ACTUATORS ELECTRIC ACTUATORS



CONTROL VALVES Actuated Control Valves



CHECK VALVES



GATE/GLOBE/CHECK VALVES Forged Steel & Cast Steel



ANGLE SEATED VALVES



CRYOGENIC VALVES



PRESSURE RELIEF VALVES



SPECIALTY VALVES Choke, Plug, Needle, Safety, Gate, Toggle Valves & More



MOUNTING BRACKETS & COUPLERS



VALVE ACCESSORIES Controllers, Levers & Operators, Strainers, Diffusers, Shut-Offs, And More



SCOTCH YOKE ACTUATORS



Compact & Vane Actuators



SPECIALTY ACTUATORS ACTUATOR ACCESSORIES Limit Switches, Positioners, Solenoids, Air Filter Regulators, And More



SANITARY & HIGH PURITY

Your business is making food, our business is protecting your process. Sanitary and high purity equipment are necessary to keep your customers safe and to keep their trust in your brand.

Apex offers 3A sanitary and high purity fittings, hoses, valves, and instrumentation. Keep your process equipment running longer with less maintenance.

*Not all products meet these certifications. Call Apex for proper product selection to meet your application needs.

APPLICATIONS

- Breweries
- Distilleries
- Food Processing
- Beverage Processing

CERTIFICATIONS*

• And More! Baby Foods PMO Ա NSF Pasteurized Milk Ordinance 3 LISTED

Cosmetics

- Pharmaceuticals
- Pet/Animal Foods
- Cleaning Products

ANSI



SHUT-OFF VALVES





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PIGGING SYSTEMS



MIX-PROOF CLUSTERS





ASK US ABOUT OUR SANITARY VALVE WITH A **5-YEAR WARRANTY!**

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HEAT EXCHANGERS

SANITARY FLEXIBLE

CONNECTORS

PIPE FITTINGS

SANITARY PUMPS

SANITARY HOSES



SWAGELOK-STYLE COMPRESSION FITTINGS





ISOLATION VALVES



VACUUM & AIR RELIEF



REGULATING VALVES



SAMPLING VALVES



TANK BOTTOM VALVES



CONTROL TOPS



LIQUID FINGERTRAP MAGNETS



POLISHED TUBING

HIGH PURITY VCR FITTINGS



INLINE PNEUMATIC CONVEY MAGNETS



SIGHT GLASSES



SANITARY FITTINGS



KLEAN-IN-PLACE II ROTARY VALVES



PRESSURE TRANSMITTERS



SANITARY CLAMPS



DRY BULK MATERIAL HANDLING

Dry bulk material handling can be a complicated and dangerous process. Apex has the solutions you need to make your plant efficient and safe for your employees.

Our team of experts can evaluate your current process and offer improvements to eliminate any build-ups, potential explosions, and contamination.

APPLICATIONS

- Aggregates
- Agriculture
- Biomass
- Cement
- Chemical Processing
- Dairy Plants
- Food Processing
- Mineral Mining

- Paper Industry
- Pet/Animal Food
- Pharmaceutical
- Plastics • Textiles
- Waste-to-Energy
- Manufacturing • And More!

BULK BAG LOADERS



PNEUMATIC CONVEYING SYSTEMS



CONTINUOUS BLENDERS



LOSS-IN-WEIGHT FEEDERS



BUCKET ELEVATORS



LARGE-SCALE CONVEYORS





SILOS & SURGE HOPPERS

& UNLOADERS









BAG & CARTRIDGE FILTERS

LOAD CELLS



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CUSTOM CONVEYORS Flex Screw & Disc Style



MIXERS & BLENDERS



VOLUMETRIC FEEDERS



INLINE PNEUMATIC CONVEY MAGNETS



PNEUMATIC SCREW PUMPS



BAG DUMP STATIONS & LOAD LIFTERS



BIN VENTS



CONVEYOR BELTS



FLUIDIZERS & BIN ACTIVATORS



BLOWERS & SOUND ENCLOSURES

MORE ON NEXT PAGE →

in 🕨 YouTube



VIBRATING DISCS



CYCLE LOCKS



INFLATABLE LINERS



IMPELLER VALVES



DRAWER MAGNETS



PLATE MAGNETS



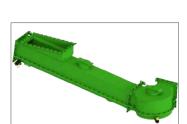
CHUTES & SPOUTS



DIVERTERS



FEEDERS



AIR SLIDES



SEPARATOR CONVEYORS



MAGNETIC CONVEYORS



LOADING SYSTEMS



SLIDE GATES & VALVES



HYDRAULIC POWER SKIDS



KLEAN-IN-PLACE II ROTARY VALVES



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STAINLESS STEEL SORTING



ROTARY AIRLOCK VALVES





DRYERS & COOLERS Fluid Bed Dryers, Coolers, & Moisturizers



CENTRIFUGAL SIFTERS & SEPARATORS

FLAP GATE VALVES

SIZE REDUCTION SCREENERS

DUST COLLECTORS

BULK WEIGHERS

SIEVE SCREENERS Static Sieve Screeners & Separators



CENTRAL VACUUM SYSTEMS



GRAVITY SCREENERS



VIBRATING SCREENERS & SEPARATORS



INDUSTRIAL VACUUMS





CYCLONES



FLAMELESS VENTING

HAMMER MILLS

EXPLOSION VENTS





EXPLOSION DOORS







GRATE MAGNETS



WEDGE MAGNETS



MAGNETIC SEPARATORS



IN-MOTION CONVEYORS



SPECIALTY MAGNETS Drum, Liquid Traps, Permanent, Electro, Torpedo, Hump, And More

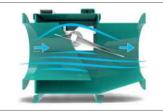


METAL DETECTORS



DE-LUMPERS





BACK DRAFT DAMPER



EXPLOSION

ISOLATION

NFPA ROTARY VALVE



EXPLOSION AUDITS AND SAFETY TRAINING



SERVICES OFFERED



DID YOU KNOW?

A failed 3/4" HP trap costs \$6,600 a year in lost steam?

STEAM TRAP SURVEYS

A steam trap survey is where a third party comes into your facility to test your steam traps and see if they are functioning properly. The test includes a thermal image picture of the steam trap and an audio test that involves listening to the cycling of the steam trap. With these two pieces of information, your traps' performances can be determined as either working properly or defective.

A typical quantity 100 steam trap survey yields around 10 - 20 failed steam traps. Each steam trap receives a tag for easy maintenance in the future.

Ask us about rebates that are available for steam trap surveys and equipment!

OPTION #1	^{\$} 2,300	One 8 Hour Day	Covers 100-150 Traps
OPTION #2	^{\$} 21 - ^{\$} 25	Per Trap	Price Varies on Location of Traps



MAGNET AUDITS

COST

A magnet audit is when a certified technician evaluates, tests, and inspects the performance of your already installed magnets. This includes a full report with information that includes the magnets' current strength, any required cleaning or maintenance, if the magnet is in the correct location, or if it's the correct magnet at all.

> One 8 Hour Day Includes One Day of Testing & Full Report

OTHER SERVICES AVAILABLE



Rotary Valve Audits



^{\$}1,500

Control Valve Audits Explosion Audits

Schedule Your Service or Class Today!

Call: 763-777-9525 or Email: Sales@ApexSolutionsMN.com



Process Design & Design Efficiency



Ċlean Energy (PACE) Projects



"Serving our customers is always important. And getting things done when we say we are going to get them done is important. So having good partners that share the same values and dedication - Apex has done a great job of doing that since we started working with them.

When you have a vendor that you can work with that makes you look good to your customers, those are the people you want to surround yourselves with. My expectation and need is same day service. That's what I get when I go to Apex."

- Alex Ryan Mechanical Contractor

INDUSTRIES WE SERVE & CUSTOMERS WHO TRUST APEX





CLASSES & TRAINING

Apex currently offers a Steam 101 Class for your employees. This 6 hour class includes training, breakfast, lunch, and a completion certificate. Classes can be presented at your facility or a nearby meeting place. Cost is ^{\$}75/person with a 15 person capacity. Additional classes will be available at a later date.



"We needed a flameless vent for a bag collector. It's a really specific application.

Apex worked with the supplier and got the right piece

of equipment installed in a timely manner."

- Rich O. Senior Engineer

"Apex has consistently exceeded our expectations in serving our needs. They are knowledgeable and responsive in helping us solve challenging component issues." - Brian P. Facilities Manager

"All of our project managers and engineers keep reaching back out to Apex because they help them do their job better. It takes a load off their back when they don't have to go and try to source a device or valve. They can work with Apex and they will help point them in the right direction." - Alex Marcus OEM

CAUSES WE CARE ABOUT

Apex donates a portion of our profits to several charities. The entire Apex team will also take time out of our busy schedules to volunteer throughout the year. We believe this strengthens our connection to the community and builds morale within our business.



Feed My Starving Children www.fmsc.org

Feed My Starving Children's mission is to feed starving children in body and spirit. FMSC believes hope starts with food and is dedicated to work with food distribution partners that stay with communities for the long haul, empowering them to move from relief to development.



Operation Underground Railroad www.ourrescue.org

Operation Underground Railroad exists to rescue children from sex trafficking and sexual exploitation. O.U.R. works with law enforcement to rescue children, convict predators, provide aftercare for victims, and prevent future tragedies.



St. Jude Children's **Research Hospital** www.stjude.org

St. Jude is leading the way the world understands, treats and defeats childhood cancer and other life-threatening diseases. No child is denied treatment based on race, religion, or a family's ability to pay.



Marici provides a holistic solution to reducing child sex trafficking by over 80% in highly affected regions. They use a combination of intelligence collection, aftercare, legal prosecuting, and community building to eliminate child sex trafficking.

Marici Dawn of Freedom www.marici.org



send a message of hope to America's less fortunate children. Marine Toys for Tots www.toysfortots.org





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"Apex specializes in supplying top-tier industrial engineered equipment tailored for various industries including food manufacturing, mechanical contracting, agriculture, and OEMs. Our comprehensive product range covers boilers, steam systems, heat exchangers, valves, actuators, piping, instrumentation, sanitary and high-purity process equipment, as well as dry bulk material handling and explosion protection.

At Apex, we leverage our engineering expertise to enhance your operations by boosting uptime, optimizing energy efficiency, and delivering immediate service. Our goal is to keep your projects on track, ensuring smooth and timely execution while staying within budget. Let us guide you to solutions that elevate your plant's performance and project success!"