



**MSCP Heat
Management
Solutions**

COMPANY PROFILE

mscpltd.ca

BACKGROUND

At MSCP Heat Management Solutions, our mission is to revolutionize the energy sector. Through innovative practices, we've created a unified solution for heat trace and insulation processes. This integrated approach offers our clients a streamlined and highly efficient method to manage their heat requirements.

Our services encompass electrical heat tracing, electrical engineering, insulation, and rope access - all available in-house. Moreover, we supply all the materials required for the initial build, installation, repair, and maintenance. This eliminates the need for clients to shuffle multiple contracts, contractors, material manufacturers and vendors, invoices, and communications.

MSCP

A UNIQUE APPROACH

Our comprehensive methodology encompasses all essential aspects of effective heat management. This unique approach is structured around our four key pillars.

THE PILLARS OF THIS SOLUTION:

-  **HMS Technician** - A New Class of Professionals! Our technicians undergo a comprehensive cross discipline, documented train and test program in all areas of heat management including insulation, electrical heat trace, rope access and fireproofing. This enables them to complete the entire scope of work in a seamless, more efficient manner while achieving the highest levels of quality.
-  **Planning and Vendor Managed Inventory (VMI)** - Uses the power of our digital platforms for effective granular planning of maintenance scope, workorders and MOC's. MSCP employs a specialized algorithm to monitor and replenish heat management materials in facilities, ensuring an efficient and reliable supply chain.
-  **Monitoring and Preventative Maintenance** - With our monitoring and preventative maintenance solution, we automate the task of analyzing and prioritizing heat trace alarms, facilitating efficient identification of critical alarms for immediate resolution.
-  **Documentation & Engineering** - Our technicians utilize tablets to ensure access to drawings, work instructions and safety documentation. They also carry out inspections, observations and identify any deficiencies in relation to the work scope. This is all captured and approved in real time through our Digital Work Packages.

WHAT WE DO

HEAT MANAGEMENT SOLUTIONS



Insulation
Installation



Insulation
Manufacturing



Heat Tracing
Installation &
Management



Additive
Manufacturing



General
Electrical
Installation



Electrical
Engineering



Electrical
Manufacturing



Fireproofing



Thermal
Imaging



Rope
Access



Vendor
Owned
Inventory



Digital Work
Packages



Digital Twins



Valve
Repair



Sandblasting



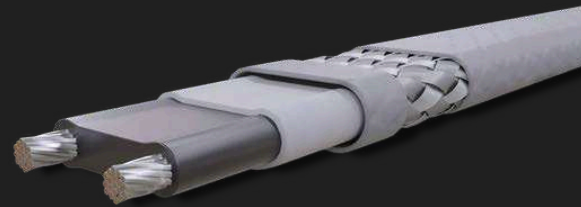
Coating

OUR PRODUCTS

Heat Trace Cables

Thoroughly tested for ongoing reliability and cold temperature durability. Products include:

- Mineral Insulated Heating Cable
- RTD Sensor - RTD-PM\PMXP
- Thermon Self-Regulating Heating Cable



Tube Bundle

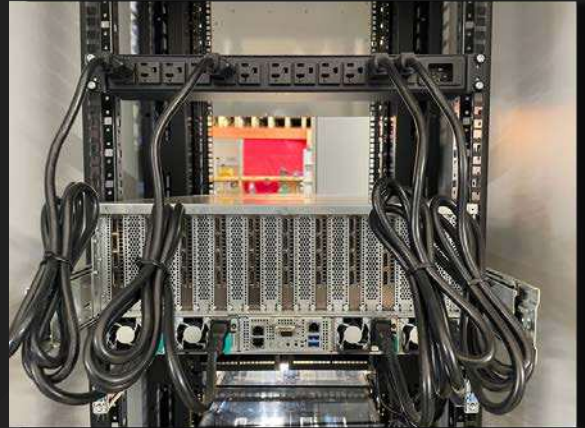
MSCP offers industrial-grade tubing bundles designed for freeze protection or temperature maintenance. These products are highly recommended for sample lines, small diameter process lines, and process instrument impulse lines as a cost-effective solution for permanent installations.

OUR PRODUCTS

Heat Trace Panels & Enclosures

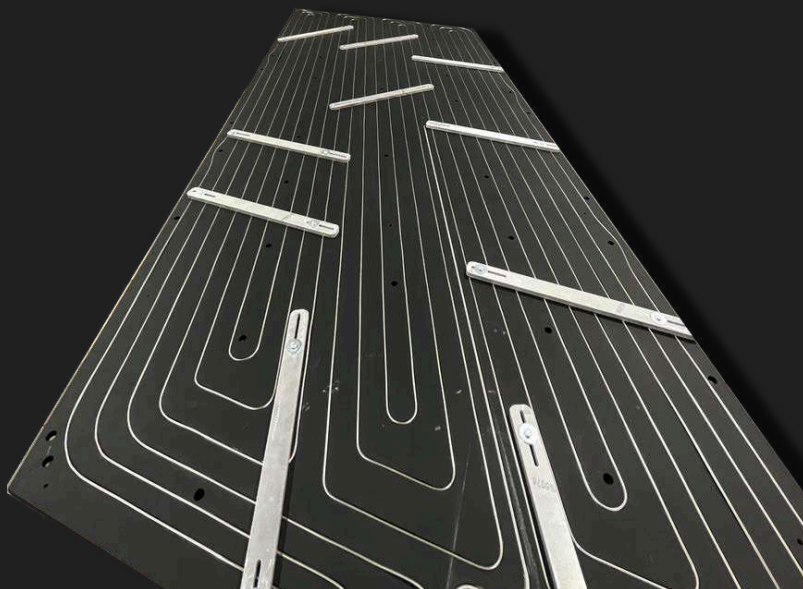
MSCP's custom-built electrical panels and enclosures are expertly crafted in our ETL shops.

- Heat Trace Controllers
- MI Power & Splice Boxes
- RTD Junction Boxes
- Power & Control Electrical Panels
- MI Power & Splice Boxes
- Temporary Power Panels & Skids
- Custom Control Systems



MI Heater Plates

At MSCP, we manufacture custom MI heater plates specifically designed for **conveyor belt splicing** in heavy industrial applications. Built in-house with MI cable, these plates are engineered to deliver reliable, high-performance heat exactly where your operation needs it most.



OUR PRODUCTS

Electrical Controls

MSCP manufactures industrial control panels for use across North America, suitable for general-purpose and hazardous/explosion-risk areas.



Power panels

From lighting to power distribution, MSCP works closely with equipment manufacturers to integrate the best solutions for our customers.



Temporary Power Equipment

From racks, carts, skids, or movable buildings, MSCP can custom-build solutions for compact power distribution needs, ensuring that machinery and equipment continue operating throughout construction sites, shutdowns, or emergencies.



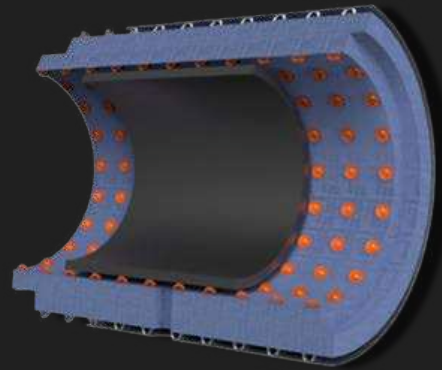
OUR PRODUCTS

Insulation Products

MSCP stocks, manufactures, and provides a selection of high-grade insulation products that minimize heat loss, mitigates corrosion problems, and ensures a smooth process for optimum economic life and safety in oil and gas operations.

- StandOff™ Insulation System
- Removable Blanket Insulation

In-house Manufacturing



StandOff™ Insulation to
prevent CUI and SCC

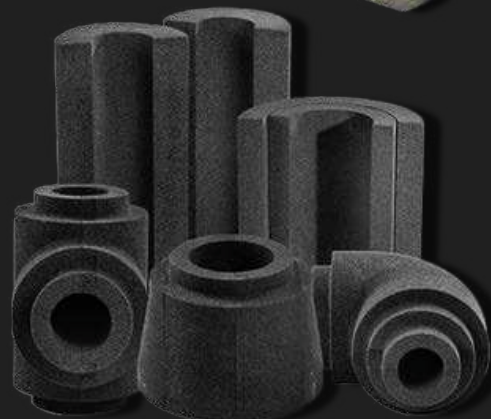


OUR PRODUCTS

Insulation Material

MSCP uses a wide range of high-quality insulation materials designed to minimize heat loss, prevent corrosion, and support safe, efficient oil and gas operations. Each material is carefully selected to meet the specific demands of industrial environments, ensuring long-lasting performance and reliability.

- Mineral Wool Insulation
- HT/Cryogenic Aerogel Insulation
- Calcium Silicate Insulation
- Fiber Glass Insulation
- E-Glass Insulation

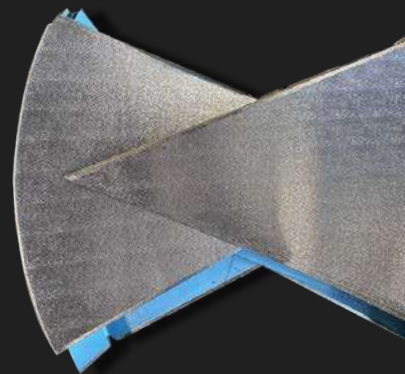
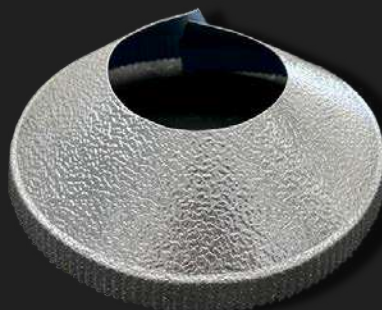
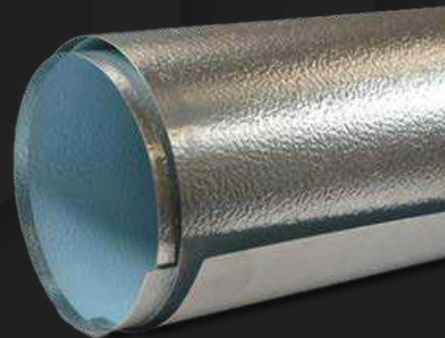


OUR PRODUCTS

Cladding & Fittings

MSCP offers a comprehensive range of end caps, fittings, and cladding that protect insulation, enhance the exterior finish, and provide superior weather resistance. Our cladding solutions cover everything from 1/4" OD piping to large tanks and pressure vessels, ensuring durability and long-lasting performance in every application.

- Stainless Steel Straps
- Aluminum Cladding
- End Caps

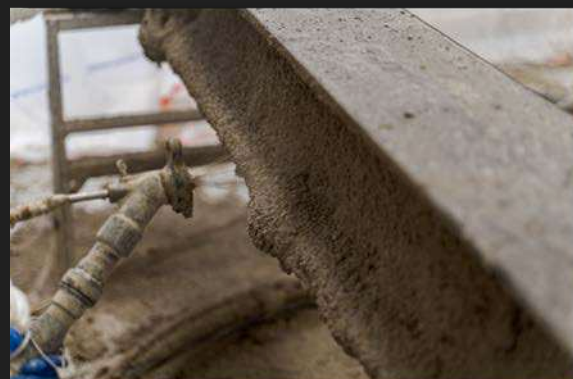


OUR SERVICES

MSCP provides industrial fireproofing services across Canada. Our cementitious fireproofing solutions are composed of durable materials designed to withstand high heat and harsh environments. These applications create a protective barrier that enhances fire resistance, safeguards structural integrity, and provides long-term chemical resistance. In addition to cementitious coatings, we also offer a full range of traditional fireproofing services tailored to industrial facilities.

Industrial Fireproofing

We operate a fully equipped, dedicated in-house facility where our team performs sandblasting, coating, and **Monokote® fireproofing** of components under controlled conditions.

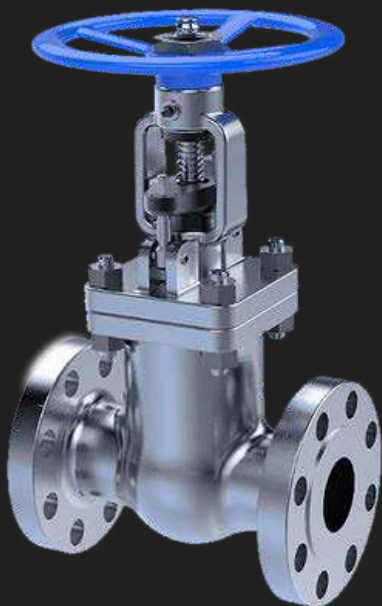


OUR SERVICES

Sandblasting is an essential first step in the protective coating process. It removes any impurities affecting the integrity of your equipment and effectively prepares the surface for treatment.

Our facility can handle components up to 35 feet in length, meeting diverse requirements with efficiency and precision.

Sandblasting & Coating



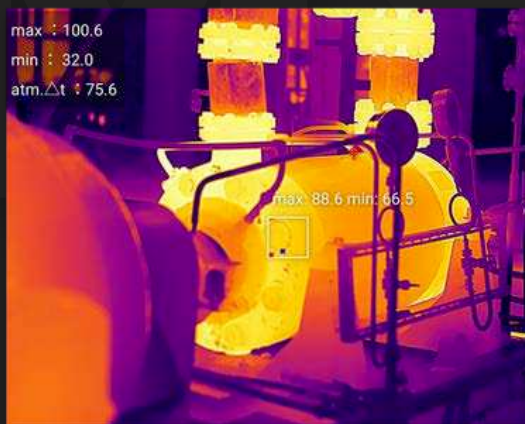
Industrial Valve Repair & Maintenance

Our technicians provide diagnostic, maintenance and repair solutions that allow you to address your control valve needs, minimize downtime, reduce risk, and keep your process running efficiently.

OUR SERVICES

Thermal Imaging

- Wet or damaged insulation resulting in hot or cold spots
- Damaged or oversized insulation exposing the EHT
- Improper insulation completion resulting in air gaps
- Excessive heat loss through heat sinks

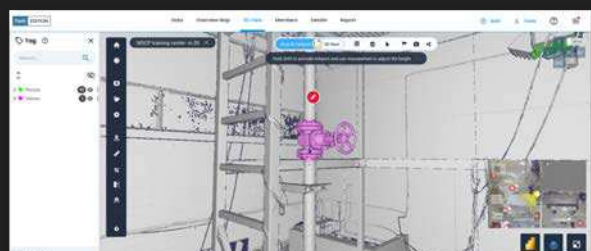


Our state of the art UAV and thermal imaging technology help our customers achieve and maintain the required process temperatures and avoid temperature-related system failures.

Our team is quick to respond and fully equipped to mobilize to any remote site locations. We use our Transport Canada-certified MSCP drone/UAV pilots with thermal cameras to perform accurate inspections that detect potential issues such as:

At MSCP, we offer Digital Twin Engineering that reflects your facility exactly as it exists today and automatically updates as changes happen. Our facility digital twins give engineers, operators, and contractors a live, data-rich view of your assets, helping teams plan, maintain, and execute with confidence.

Digital Twins



MSCP TRAINING

HMS School



HMS School is the ideal next step for anyone looking to specialize in electrical heat tracing, industrial insulation, and advanced heat management systems.

HMS School is exclusively available to current MSCP employees.

Rope Access Training



MSCP owns Canada's second-largest Rope Access Training Centre and North America's largest gear inventory.

MSCP FACILITIES

Head Office

Our head office is located in Sherwood Park, Alberta



Manufacturing Facility

The manufacturing facility features a 48,500 SF manufacturing space on 2.99 acres, complemented by a dedicated 10,000 SF sandblasting bay.



HMS & Rope Access Training Center

MSCP's rope access training center delivers industry-certified training in a controlled environment designed to prepare technicians for complex industrial work at height.



Ontario Office & Shop

MSCP's Ontario office and shop provide local support and fabrication services for industrial clients across the region.





OUR DIFFERENCE

Our award winning approach to heat management solutions examines your entire heating process, from the insulation envelope and heat tracing, all the way back to your controller. We develop a list of future-focused recommendations that will provide heat protection over the long term. We can demonstrate and have documented results for showing that our model delivers significant cost savings while simultaneously increasing efficiency. We believe that looking at the bigger picture and planning for the future are the keys to heat management success.

WORD FROM OUR CEO



Chris Maki

“We continue to develop innovative, industrial solutions that make heat management easier and more efficient for our clients.”



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Let's Connect for a Better
Heat Management Solution!