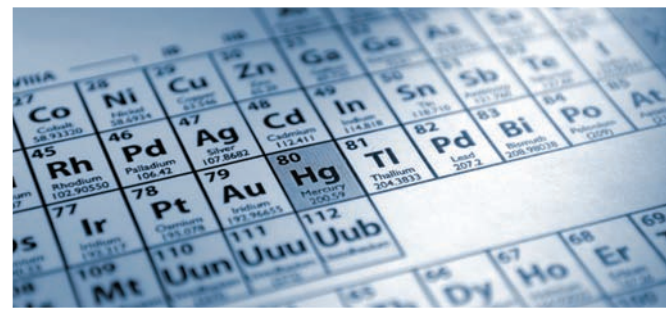




THE FORERUNNER IN SPECIALTY METALS

CMMW



With a legacy of nearly 100 years, CMW creates world-class, high-performance metallurgical products and supports industrial customers worldwide with innovative service, metallurgical expertise and application knowledge that will exceed your expectations.

WORLD-CLASS & HIGH-PERFORMANCE

With its roots as the Mallory Metallurgical Company, CMW operates in three primary business units...silver-based electrical contacts, tungsten-based high-density metals and copper-based resistance welding consumables. Numerous organizations have repeatedly recognized our company and associates for safety, quality and continuous improvement programs. With an employment

base including over 1,000 years experience in chemistry, metallurgy, manufacturing engineering and other industrial technologies, CMW provides a range of consulting/application engineering services, loyal partnerships in a variety of ancillary manufacturing processes such as plating, coating, painting and advanced machining as well as value-proven product launch management services that

give you complete confidence in our company as your single source supplier. CMW operates a range of capabilities across the spectrum of manufacturing in 6+ acre complex in the center of the United States. We encourage you to explore our website at www.cmwinc.com to find information useful to the improvement of your business. We stand ready to assist you!



the business
the people
breadth. focus. experts.

What We Do: THE BUSINESS

Everything our CMW associates do in our day-to-day business revolves around our four core values of integrity, service, innovation and excellence. With those values at our foundation, we are implementing our vision of being a leading global materials science company delivering compounded annual growth in value. This commitment to our vision requires profitably building and managing robust world-class systems including leading-edge human resource programs with clear metrics for performance, development and reward; conducting operations with safe, state-of-the-art equipment, preventive maintenance, quality, and forward-looking operations planning and delivery; operating on a global sales and marketing platform which anticipates and fulfills customers' expanding and changing needs; and building continuous improvement as a core discipline in our business.

Who We Are: THE PEOPLE

We want you to know us as people and encourage you to explore www.cmwinc.com to learn more about our people and opportunities within our company. We believe it's important when you select a company as an advanced manufacturing supply partner (*or as an employer, customer or community partner*) that you know you are choosing us as professionals. We also think it's important that you realize we hold ourselves not only accountable to each other but also to our valued customers, vendors and the community. Maybe you have heard about CMW through word of mouth or maybe you have never heard of CMW at all. Either way, we are glad that you chose to spend some time with us, learning about our capabilities, and considering a relationship with our company. If we can't help you, we'll be glad to help refer you to someone who can.

The Capabilities: BREADTH. FOCUS. EXPERTS.

The scope of CMW's capabilities reaches far and affords CMW a unique position in the marketplace with the ability to manufacture a remarkable range of products within each of its businesses. There are few limitations to CMW's ability to accommodate a customer requirement as illustrated by tens of thousands of discrete parts on file at CMW.

QUALITY TECHNOLOGY

Analytical Chemistry Lab: Inductively Coupled Plasma Emission Spectroscopy (ICP), Particle Size Distribution (PSD), Atomic Absorption Analysis and Titration

Metallurgical Lab: MicroHardness, MacroHardness, Tensile Testing, Optical Microscopy, Advanced Image Analysis, Partnerships in Scanning Electron Microscopy / Energy Dispersive Spectrometry (SEM/EDS) and Failure Analysis

Non-Destructive Test (NDT) protocols using Ultrasonic Analysis, Metrology and CMM Capabilities

ELECTRICAL contacts

Fabrication of wire & strip || Strip rolling and slitting || Wire drawing || Cold heading
Blanking and coining || Powder mixing || Powdered metal pressing || Sintering and alloying
Furnace brazing || Induction brazing || Resistance brazing || Torch brazing || Milling
Turning || Grinding || Heat treating || Cleaning and finishing || Assembly

HIGH DENSITY metals

Powder mixing || Isostatic pressing || Hydraulic pressing || Automatic pressing
High temperature sintering *(In Atmosphere & Vacuum)* || Refractory metal infiltration
Precision machining *(up to 5 axis)* || Precision grinding || Cleaning and finishing || NDT Lab /
advanced quality testing facility || Leading aerospace and defense industry partnerships

RESISTANCE welding

Cold forming || Automatic sawing || High speed turning || Powder pressing || Sintering and alloying
Machining || Grinding || Bending || Heat treating || Cleaning and finishing || Assembly

“Our experience is that you are constantly improving your services to us, we are pleased. We consider you a partner. Thanks.”

“CMW is an organization with personnel you can trust.”

CMW's Commitment: SUPERIOR QUALITY

CMW enjoys a long history of producing superior, world-class quality in all of its products. As an ISO 9001:2008 certified facility with AS9100 certification in process, CMW takes great pride in managing and continuously improving its robust quality system. The CMW quality system is focused on ensuring that quality is reinforced at every step of managing your order from entry to shipment. Many of the products CMW manufactures involve a significant amount of critical detail that must be accommodated with the highest degree of accuracy.

CMW understands that you must receive parts that adhere strictly to all standards and specifications. CMW's depth of professional experience, unique manufacturing processes, and demonstrated consistency come together to produce world-class quality products. Document control, processing detail, first article inspections, in-process inspections, final quality inspections, corrective action and continuous improvement are all key elements of our quality assurance system. Manufacturing high quality parts is a core tenet of our business.

CMW's state-of-the-art laboratory testing facilities consists of analytical, metallurgical and non-destructive testing, as well as CMM capabilities. Recent acquisitions of new laboratory equipment include a Beckman Coulter Particle Size Analyzer – to test the quality of incoming materials – a Thermo Fisher ICP Analyzer, and an Instron Tensile Testing System. The metallurgical lab has added advanced image analysis capability as an upgrade to standard optical microscopy. These capabilities work in harmony in assuring quality is maintained to world-class standards for existing products, and in assisting customers in creating material solutions which meet their changing needs.

Continuous improvement is ingrained in every element of CMW's business. From how we professionally engage you in the process, to how we securely package products for shipment, every aspect of our business system is constantly evaluated so that we might realize improvements for the betterment of your experience.

CMW actively encourages and expects every employee to participate in the continuous improvement process, especially on the manufacturing floor where process compliance and manufacturing control are critical to our mission. CMW employees understand that only by way of continuous improvement will they be able to keep the company's leading position in an increasingly competitive global economy. CMW employs professionals, including chemists, metallurgists, metallography technicians as well as mechanical, electrical and industrial engineers; and CMW dedicates its people, facilities and equipment to quality production. CMW enjoys a first-tier reputation for quality in all markets it serves, and customer satisfaction at all levels is our own expectation.



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