



**ibc**<sup>®</sup>  
Advanced Alloys

**Mission Critical Alloys**

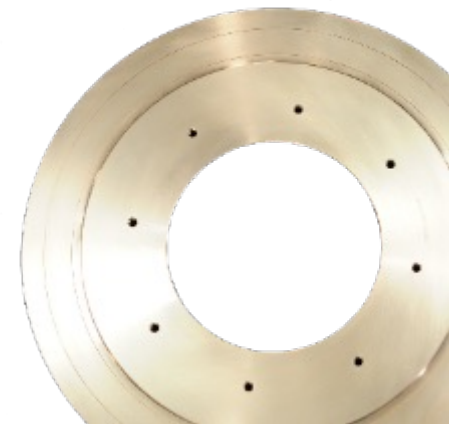


## CAUTIONS REGARDING FORWARD-LOOKING STATEMENTS

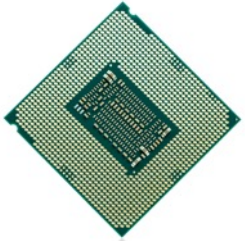
This Presentation contains “forward-looking statements” and “forward-looking information” within the meaning of applicable Canadian securities laws, which are referred to collectively as “forward-looking information”. Forward-looking information includes statements and information regarding possible events, conditions or results of operations that are based upon assumptions about future economic conditions and courses of action. All statements and information other than statements of historical fact may be forward-looking information. In some cases, forward-looking information can be identified by the use of words such as “seek”, “expect”, “anticipate”, “budget”, “plan”, “estimate”, “continue”, “forecast”, “intend”, “believe”, “predict”, “potential”, “target”, “may”, “could”, “would”, “might”, “will” and similar words or phrases (including negative variations) suggesting future outcomes or statements regarding an outlook.

Forward-looking information in, or incorporated by reference into, this Presentation includes, but is not limited to statements and information regarding: statements with respect to the Company’s estimated working capital; the Company’s liquidity and capital resources; profit and loss forecasts, expectations regarding industry trends, overall market growth rates and our growth rates and growth strategies; general economic conditions; development of products, future oriented costs, expenditures and other financial or operating performances. Such forward-looking information is based on a number of material factors and assumptions, including, but not limited to: management’s current expectations, estimates and assumptions about certain projects and the markets in which the Company operates, the global economic environment, interest rates, exchange rates, and the Company’s business strategy, plans, outlook, long-term growth in cash flow, earnings per share and shareholder value, projections, targets and expectations employees and operating costs.

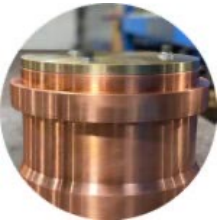
Forward-looking information involves known and unknown risks, uncertainties and other factors which may cause actual results, performance or achievements, or industry results, to differ materially from those anticipated in such forward-looking information. The Company believes the expectations reflected in such forward-looking information are reasonable, but no assurance can be given that these expectations will prove to be correct and you are cautioned not to place undue reliance on forward-looking information contained herein. Some of the risks and other factors which could cause actual results to differ materially from those expressed in the forward-looking information contained in this Presentation and documents incorporated by reference herein include, but are not limited to: risks associated with the Company’s manufacturing operations; failure to meet product specifications; risks relating to the Company’s dependence on single-source suppliers for beryllium and other materials; changes in market conditions; risks related to commodity price fluctuations; failure to obtain required financing; risks related to competition from other manufacturing and distribution companies of special alloys, metals and materials; adverse changes to general economic conditions or applicable laws, rules and regulations; environmental regulation and liability; and other factors contained in the section entitled “Risk Factors” in the preliminary prospectus, final prospectus and any amendments, and in the section entitled “Risk Factors” in the Company’s annual information form for the quarter ended June 30, 2023. Although the Company has attempted to identify important factors that could cause actual results or events to differ materially from those described in the forward-looking information, you are cautioned that this list is not exhaustive and there may be other factors that the Company has not identified. Furthermore, the Company undertakes no obligation to update or revise any forward-looking information included in this Presentation or the documents incorporated by reference herein if these beliefs, estimates and opinions or other circumstances should change, except as otherwise required by applicable law.



## WHO WE ARE



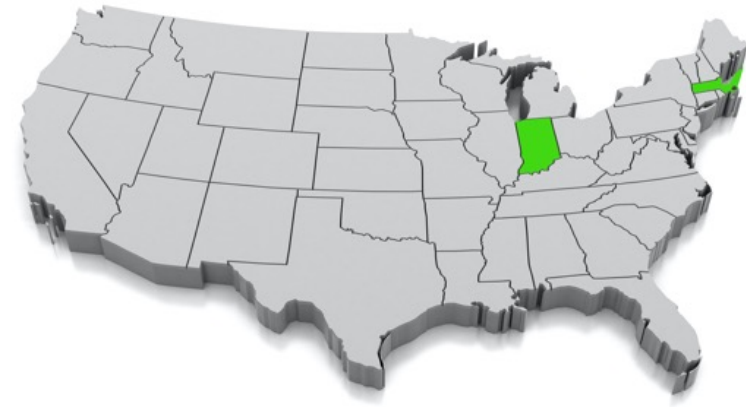
IBC manufactures copper and beryllium-aluminum alloys for customers in the commercial and defense sectors, including semiconductors, aerospace, automotive, marine defense, electronics, industrial equipment, and oil and gas.



Headquartered in Franklin, Ind., we operate plants in Indiana and Massachusetts that cast, forge, heat-treat, and fabricate alloys such as copper-beryllium, copper chrome silicon nickel, beryllium-aluminum, and copper-based master alloys.



We also provide customers a full range of tolling and engineering consulting services.



Our U.S.-based production footprint and ITAR-compliant operations are favored by customers around the world.



Learn about IBC in this short video:  
<https://youtu.be/7ySg9YLVrko>



ibc<sup>®</sup>

## IBC: BY THE NUMBERS

<b>Who We Are</b>	We are a leading supplier of high-performance beryllium-aluminum cast components, specialty copper, and other alloys for global markets.	
<b>Inception</b>	2007	
<b>Markets We Serve</b>	<ul style="list-style-type: none"> <li>• Defense</li> <li>• Aerospace</li> <li>• Semiconductor Device Manufacture</li> <li>• Automotive</li> <li>• Oil &amp; Gas</li> </ul>	<ul style="list-style-type: none"> <li>• Electronics</li> <li>• Resistance Welding</li> <li>• Metal Casting</li> <li>• Manufacturing</li> <li>• Specialized Materials</li> <li>• Plastic Injection Molding</li> </ul>
<b>Employees</b>	80	
<b>Headquarters</b>	<ul style="list-style-type: none"> <li>• Franklin, Indiana, USA</li> </ul>	
<b>Locations</b>	<ul style="list-style-type: none"> <li>• Franklin, IN</li> <li>• Wilmington, MA</li> </ul>	

### Stock Information *(as of Nov. 1, 2023)*

<b>TSX-V:IB</b>	Share Price	C\$0.055
	Avg. Daily Volume	16,977
	52-Week Low/High	C\$0.05 - \$0.22
<b>OTCQB:IAALF</b>	Share Price	US\$0.0396
	Avg. Daily Volume	10,489
	52-Week Low-High	US\$0.05- \$0.21

### Share Structure *(as of June 30, 2023)*

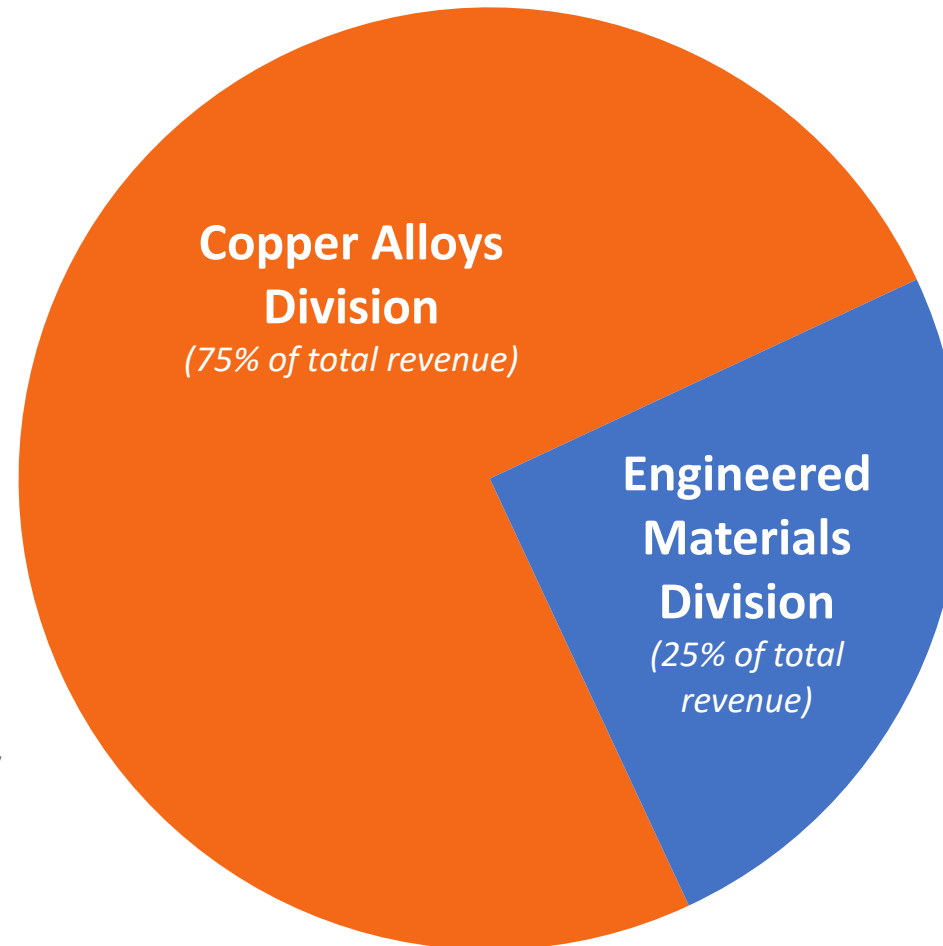
Outstanding Shares	93,785,813
Warrants	15,540,035
Options	5,111,750
Fully Diluted	114,437,598
Market Capitalization <i>(as of Nov. 1, 2023)</i>	C\$6.88 Million
Insider Holdings	22.5%
Largest Single Shareholder (16%)	Mark A. Smith (CEO and Board Chairman)



## IBC's OPERATING DIVISIONS



Manufactures a wide range of copper alloy castings and forgings for defense and commercial applications, including Copper-Beryllium alloys, Thermal-Mould™, Oxygen-Free Copper (C10100), Copper Nickel Silicon Chrome (C18000), Aluminum-Bronze, and many others.



Produces high-performance beryllium-aluminum components. (Beralcast®) used in commercial and military applications, including the F-35, F/A-18, advanced satellites & semiconductor manufacturing systems.



<sup>1</sup> As of the year ended June 30, 2023

## INDUSTRIES WE SERVE



### Aerospace

Cast components and sub-structural parts



### Defense

Weapons, imaging systems, optical targeting



### Automotive

Injection Mold Inserts, Die Casting Equipment



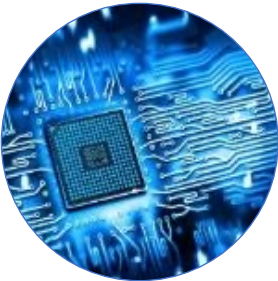
### Oil & Gas

Directional Drilling Components, Rings, Bushings, Flanges, Sub-Sea Applications



### Resistance Welding

Welding Wheels, Gun Arms, Resistance Welding Parts



### Electronics

Semiconductor Manufacturing Equipment, Backing Plates



### Manufacturing

Wear Plates and Bushings



### Industrial Equipment

Amorphous Metal Casting Wheels



### Injection Molding

High Conductivity Core and Cavity Inserts



### Foundry

Casting Alloys, Die Blocks, Plunger Tips, Amorphous, Metal Casting Wheels

## SELECT CUSTOMERS





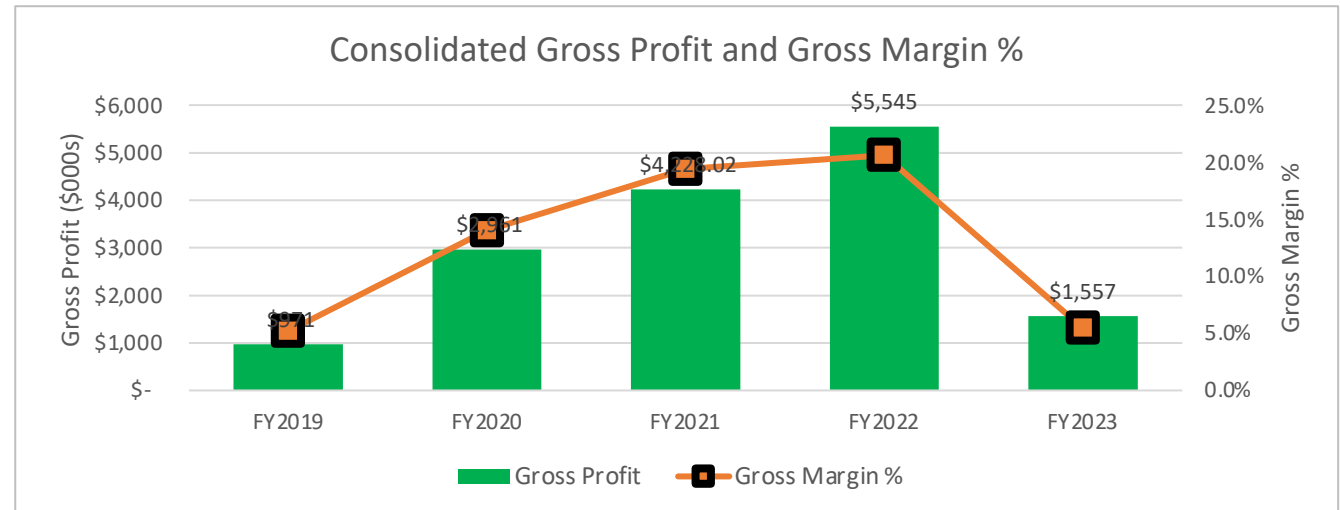
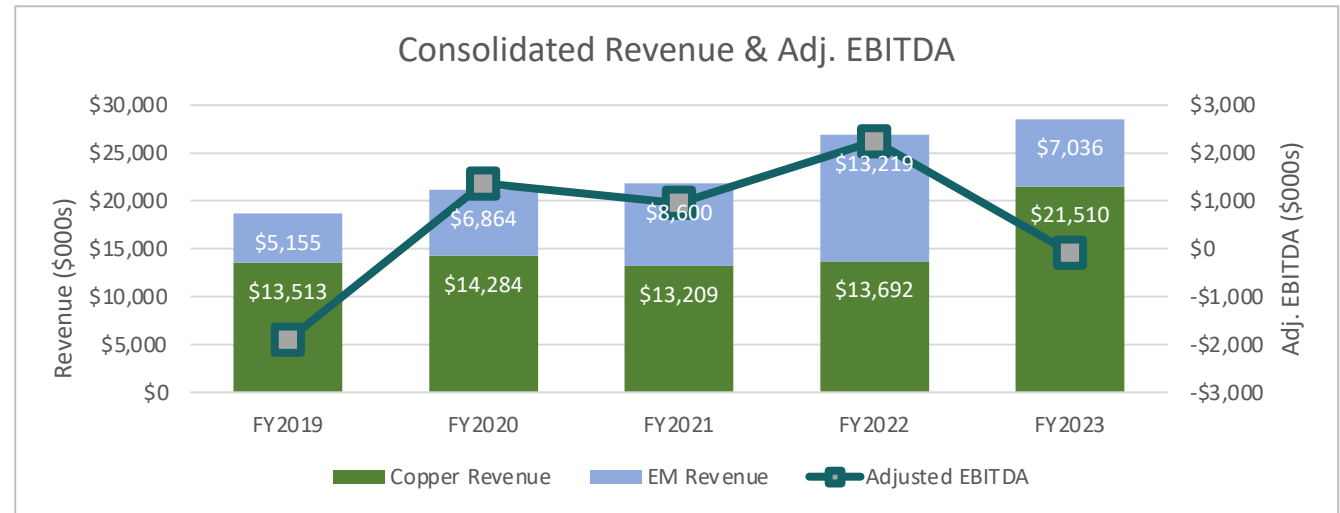
## NEW VERTICALLY INTEGRATED COPPER ALLOYS FACILITY

- Expanded production capacity
- Improved lead times to support higher sales.
- Variable cost savings through better labor utilization and increased production efficiencies.



## FINANCIAL RESULTS: YEAR ENDED JUNE 30, 2023

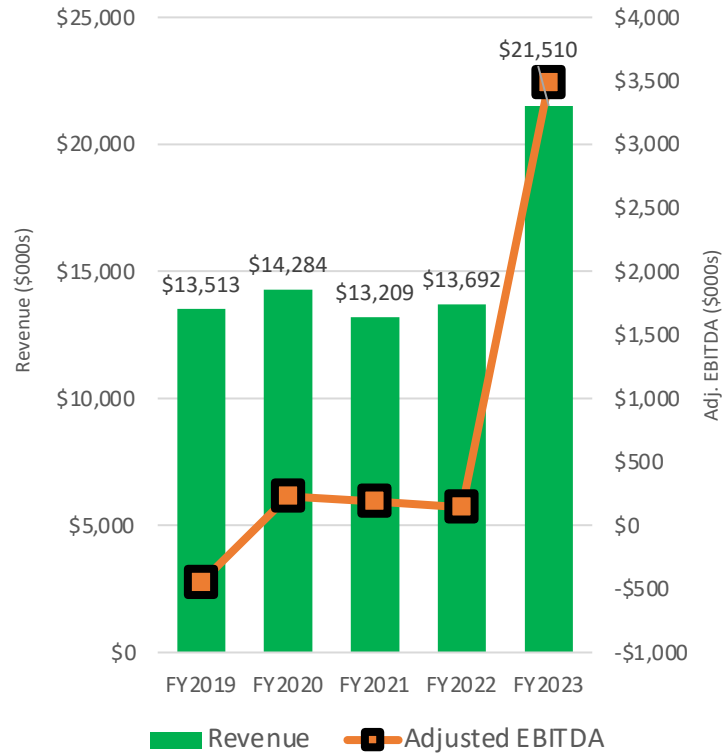
- Consolidated sales grew by 15% in the year over the prior-year period and by 6% over the quarter ended June 30, 2022.
- Copper Alloy sales rose by 51.3% Q/Q and by 57.1% Y/Y. EM sales declined by 32.4% and 46.8% in the comparable periods.
- Loss for the year of \$5.9M (\$0.06) per share, as compared to a loss of \$1.1M in FY2022.



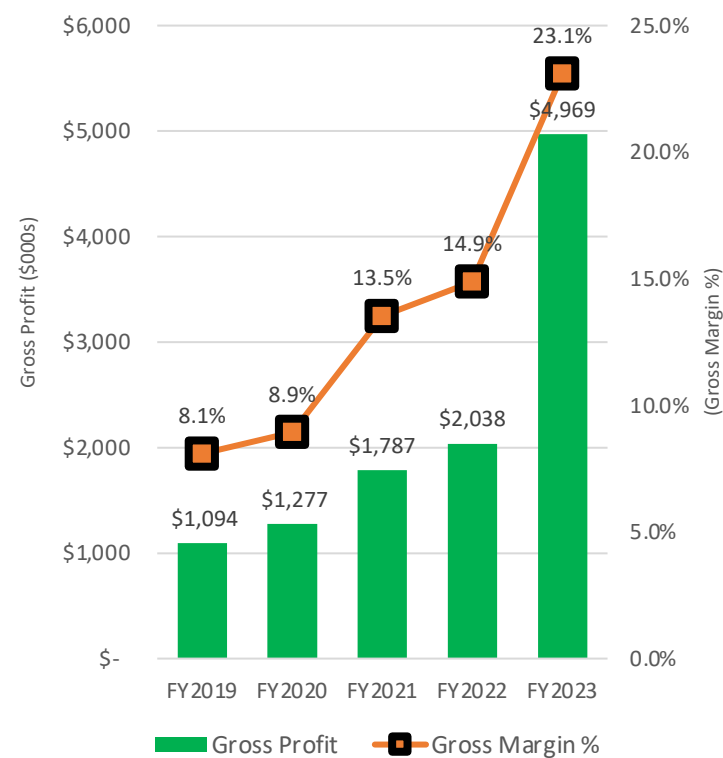


# COPPER ALLOYS DIVISION RESULTS FOR YEAR ENDED JUNE 30, 2023

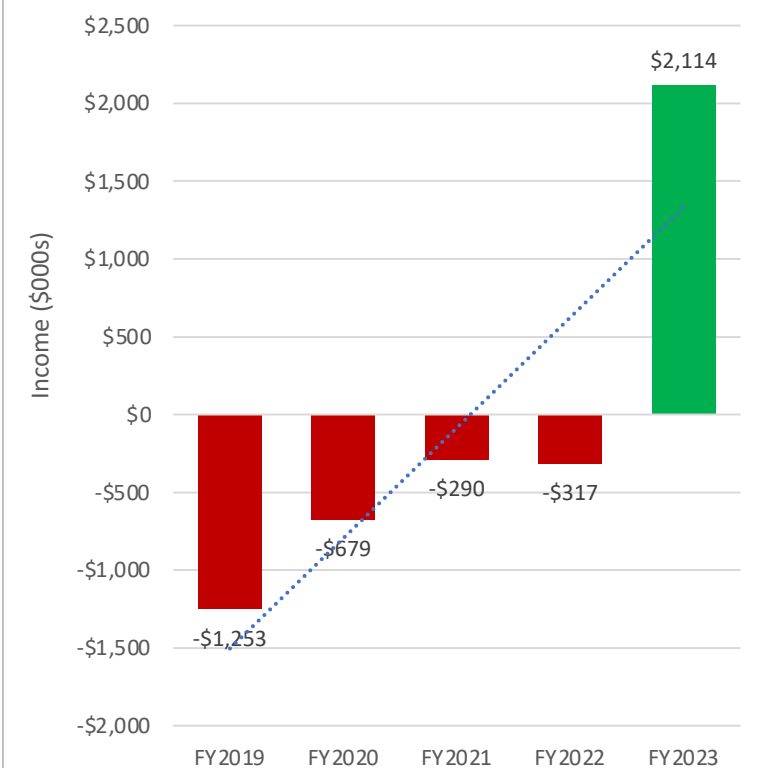
### Copper Division Revenue & Adj. EBITDA



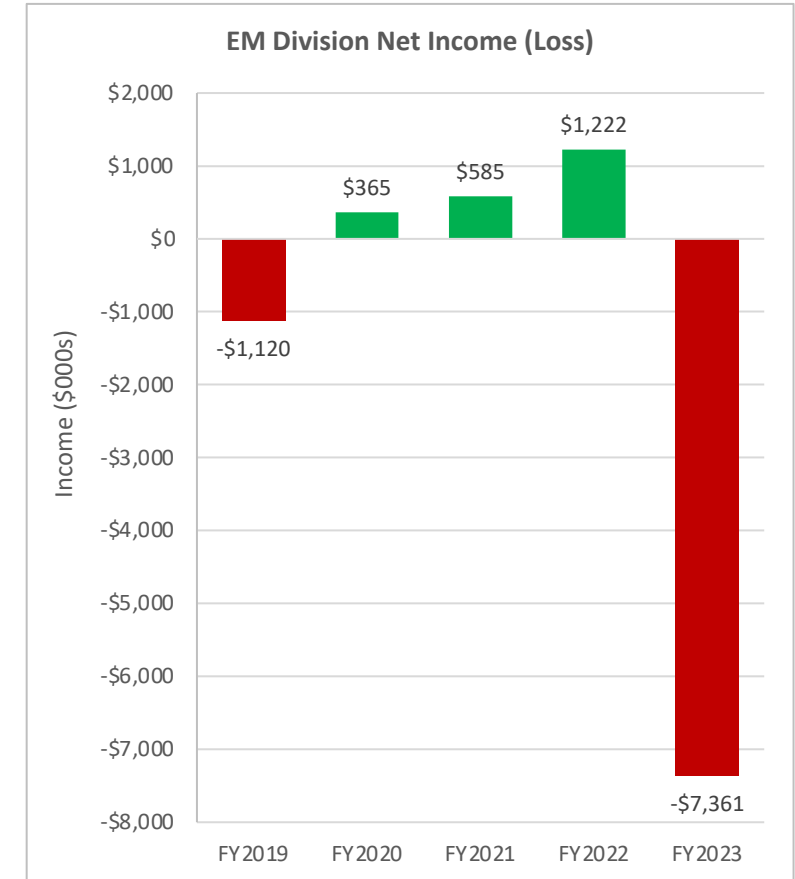
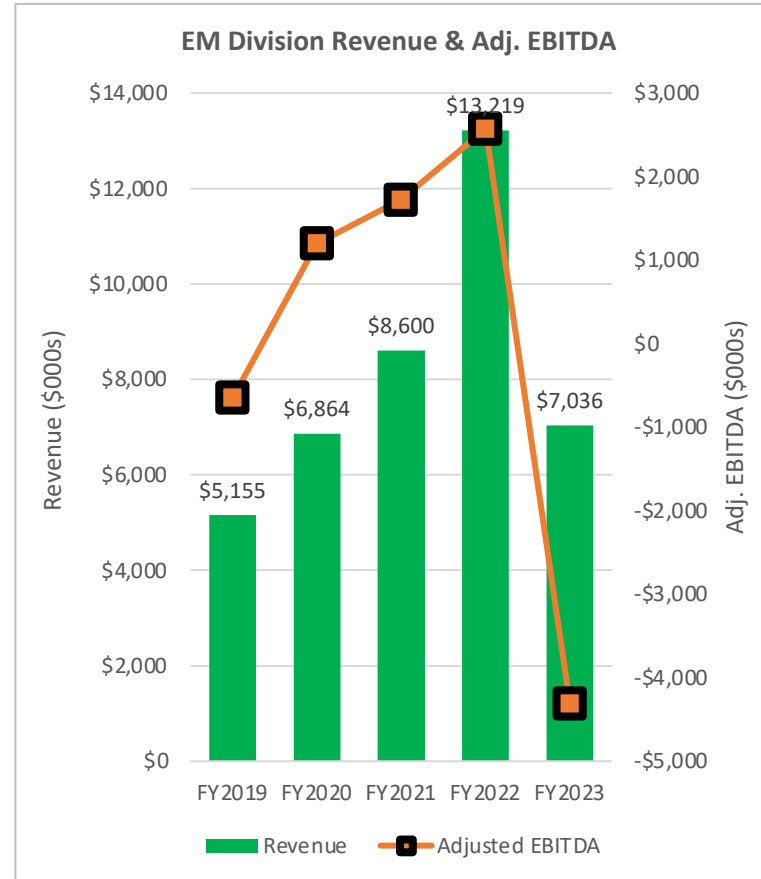
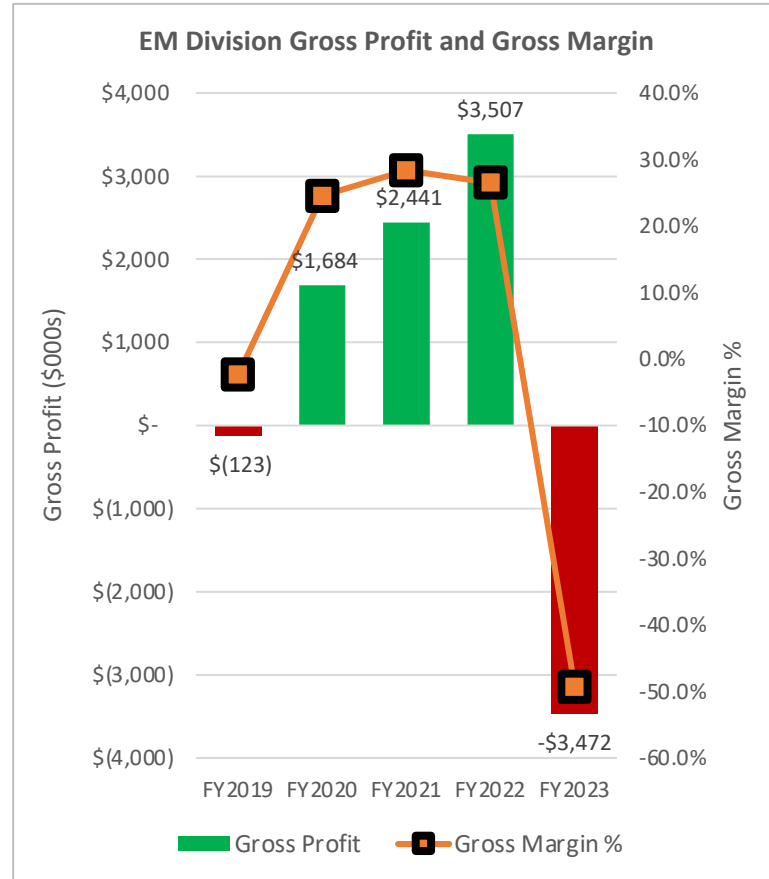
### Copper Division Gross Profit and Gross Margin



### Copper Division Net Income (Loss)



# ENGINEERED MATERIALS DIVISION RESULTS FOR YEAR ENDED JUNE 30, 2023





# Strategic Growth Initiatives

- Consolidate 3 Copper Alloy production facilities into one vertically integrated foundry facility in Franklin, Indiana.
- Capture greater efficiencies and lower costs from consolidation and leverage expanded production capacity to increase margins.
- Actively pursue expansion into new Copper Alloy markets in both commercial and defense sectors.
- Continue to pursue new applications and machined component-to-casting conversions for investment cast Be-Al alloy products in both defense and civilian markets.

**Complete**

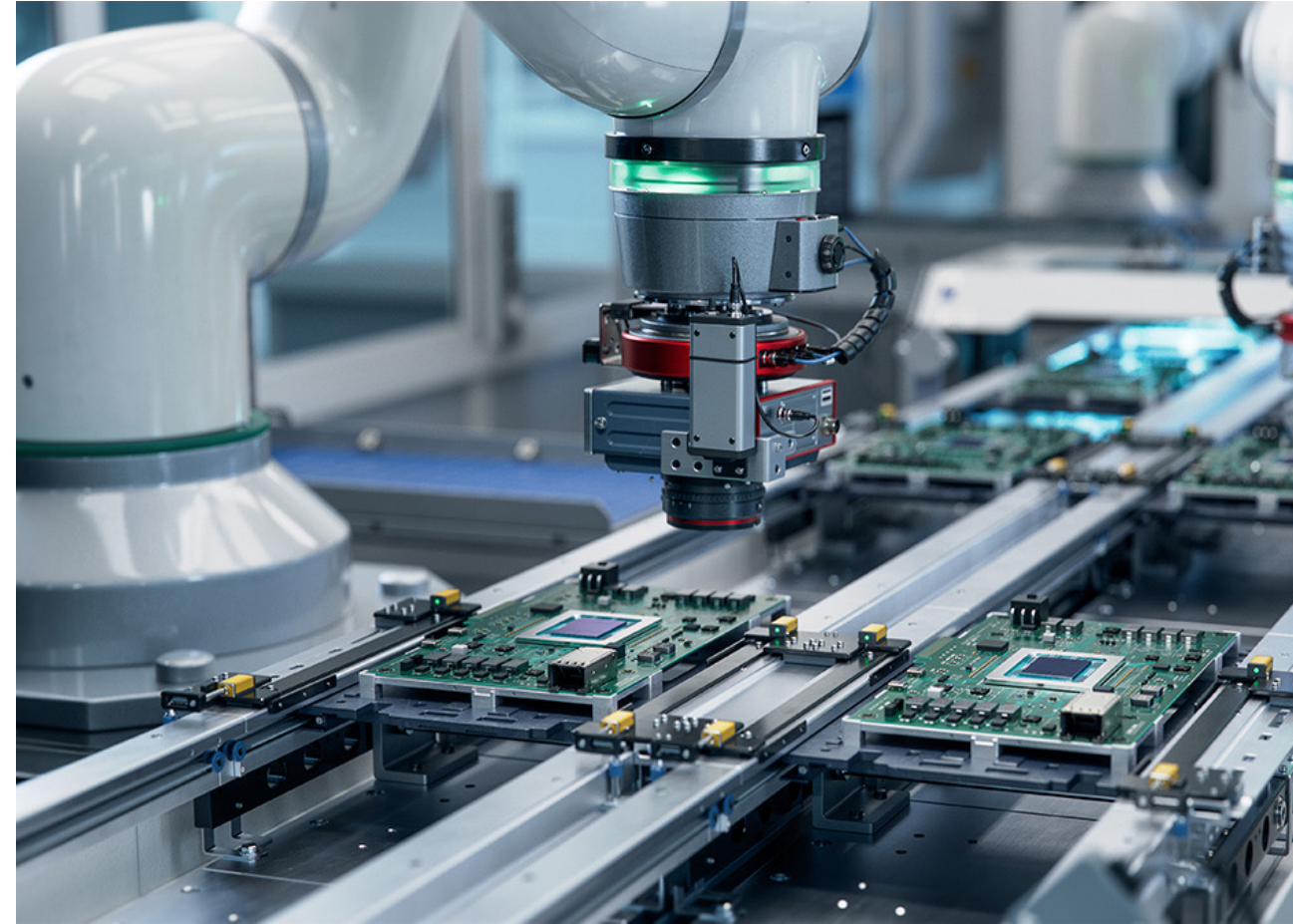
**All improving at  
Copper Division**

**Underway**

**In new product  
discussions with  
multiple customers**

## MACRO GROWTH TRENDS FOR IBC PRODUCTS

- ✓ Defense applications seeking lighter-weight, high modulus materials for long-range optic & sensors
- ✓ More intensive use of copper in electrified transportation
- ✓ Continued growth in strategic alloys used in electronic applications
- ✓ Advanced energy and defense technologies
- ✓ Micro-satellite and other space applications





## BOARD OF DIRECTORS



**Mark Smith, P.E.**

CEO & Chairman

Mr. Smith has 40+ years of experience in operating, developing, and financing mining and strategic materials projects in the Americas and abroad. He currently is Executive Chairman and CEO of NioCorp Developments Ltd. Mr. Smith is well recognized in the mining community, having served as President, CEO, and Director of Molycorp, Inc., where he was instrumentally involved in taking the company public.



**Geoffrey Hampson**

Mr. Hampson has founded and financed numerous successful private and public companies since 1978. He has extensive experience in special materials, technology, and mining. In 1982, Mr. Hampson started Novocon International, Inc., which later became Synthetic Industries, a producer of specialty alloy, plastic, and carbon fibers. In 1995, he invested in and joined the Board of Directors of Cymat, Inc., a materials technology company.



**Mike Jarvis**

Mr. Jarvis has extensive financial and management expertise, including considerable operational experience with manufacturing companies. In 1983, he founded Franklin Power Products, a profitable automotive manufacturer with 2,700 employees and 16 locations in the US and Canada, serving domestic and international customers by remanufacturing gas and diesel engines, transmissions, electrical systems and other components for automotive, large truck, construction and locomotive applications.



**Simon Anderson**

Simon Anderson came to the IBC Board after serving since 2007 as Chief Financial Officer for IBC and its predecessor company. A CPA, CA with 30 years' experience, he has worked as an officer or director of public companies on the TSX Venture Exchange, TSX Exchange, and NASDAQ for almost 20 years, including for Wex Pharmaceuticals, Minco Mining, and Minco Silver. He has extensive experience in financing, mergers and acquisitions, corporate governance, and securities regulation practices.

## SENIOR MANAGEMENT



**Mark Smith, P.E.**  
Chief Executive  
Officer & Chairman

40+ years of experience in operating, developing, and financing mining and strategic materials projects in the Americas and abroad. Also serves as Exec. Chairman and CEO of NioCorp Developments Ltd. B.S., Engineering, Colorado State University, J.D., Western State University College of Law.



**Toni Wendel**  
Chief Financial Officer &  
Corporate Secretary

25+ years of experience in finance and accounting; IBC's former Controller; former CFO and Treasurer of PMG Corp.; multiple finance positions over 15 years with a Mitsubishi subsidiary; B.A. and M.B.A. from Indiana Wesleyan University.



**Ben Rampulla**  
President, EMC Division, and  
Chief Technology  
Officer

40+ year veteran of the investment casting industry; former Director of Engineering at Nu-Cast, Inc.; served 29 years at Precision Castparts Corp., including as Chief Engineer. Six Sigma Blackbelt and Kaizan trainer; B.S., Engineering, Rutgers; graduate of the Whittemore School of Business' Executive Development Program.



**Mark Wolma**  
President, Copper  
Alloys

Mr. Wolma has led the Company's Copper Alloys division for 13 years. He has 30+ years of experience in manufacturing, sales, and service of electrical, mechanical and hydraulic apparatus. Former VP of Operations, Scherer Industrial Group, Inc.; former Director of the Copper and Brass Service Association. Studied at Indiana University-Purdue University.



**Rajeev Jain**  
VP, Sales

35+ years in the copper industry, including in multiple senior positions at Hussey Cooper before joining IBC in 2004. Bachelor of Engineering, Metallurgy, Rourkela, India; MBA, Kelley School of Business at Indiana University.



**Ken Shasteen**  
VP, Foundry Operations  
& Senior Metallurgist

Mr. Shasteen oversees operations at IBC's new foundry in Franklin, IN. He has worked at IBC since 2000. Prior, he was with NGK Metals in Sweetwater, TN and Manufacturing Sciences Corporation in Oak Ridge, TN. Ken has his M.S.E. from the University of Tennessee.



**Jim Sims**  
Director, External  
Relations

30+ years of experience in marketing, media relations, public affairs, and investor relations operations for companies in the mining, chemical, manufacturing, utility, and renewable energy sector. A former White House staffer, Jim served for 11 years in the U.S. Senate, including as a Chief of Staff, and held a top-secret security clearance. B.A., Georgetown University.



## FOR MORE INFORMATION

[IBCAAdvancedAlloys.com](http://IBCAAdvancedAlloys.com)

## CONTACT

Jim Sims, IBC Investor Relations

[jim.sims@ibdadvancedalloys.com](mailto:jim.sims@ibdadvancedalloys.com)

