

Annual Report 2022-23
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**SHIVALIK BIMETAL
CONTROLS LIMITED**

Galvanizing The Electrification Era

Shivalik Bimetal Controls Ltd. - at the Vanguard of the World's Sustainable Progress





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As we look back on the past year, we are determined to remain pivotal to the global electrification movement, which is revolutionizing industries and shaping the lives of people worldwide. Our commitment to innovation, quality, and excellence has secured our position at the forefront of this electrification epoch, allowing us to contribute significantly to a greener, more sustainable future.



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Strategic Report

At a Glance	04
Chairman's Message	06
Empowering Energy Management: The Criticality of SBCL's Components	08
Forging the Future: SBCL's Technological Prowess and Intellectual Capital	14
Financial Prudence: SBCL's Balance Sheet Strength	16
Our Portfolio	18
Key Performance Indicators	20
Corporate Information	22

Statutory Reports

Management Discussion & Analysis	24
Directors' report	34
Corporate Governance Report	50
Business Responsibility & Sustainability Report	76

Financial Statements

Standalone Financial Statements	101
Consolidated Financial Statements	155
Notice to Shareholders	210

Our expertise of Bimetal Strips and Shunt Resistors has played a crucial part in propelling the adoption of trailblazing technologies in rapidly expanding sectors such as Energy Storage, Power Electronics and Electrical Home Appliances. By relentlessly pushing the envelope, we have established ourselves as a trusted leader in our domain, forging robust partnerships and collaborations with both industry behemoths and rising stars.

Over the past year, we have concentrated our efforts on broadening our product range, capitalizing on our profound understanding of market trends and customer requirements to provide bespoke

solutions for a wide array of applications to industry leading OEMs. Our cutting-edge manufacturing facilities, combined with our exceptional team, have guaranteed unwavering quality and dependability, further cementing our status as the partner of choice for businesses seeking to seize the electrification opportunity.

As we head into the future, Shivalik remains determined to grow its influential role in the global shift towards electrification. We will persist in expanding our capacities, championing ground-breaking research and development initiatives, forging novel alliances, and venturing into untapped markets to fortify our position and generate value for our stakeholders.



Together, we will continue to lead the charge in the global electrification surge, delivering innovative solutions that shape the future and improve the lives of people everywhere.

Mr. N.S. Ghumman
Managing Director
Shivalik Bimetal Controls Ltd.

At a Glance

Forging Ahead:

Upholding a Rich Legacy

Shivalik Bimetal Controls Ltd., established in 1984, is a distinguished process and product engineering company based in India. We specialize in manufacturing of Thermostatic Bimetal /Trimetal strips, Components, EB welded products with multigauge, Cold Bonded Bimetal Strips and Parts. We also specialize in manufacturing of shunt resistors and silver & electrical contacts. Our precision-crafted components find applications in a wide range of industries, including electrical, electronics, automotive, agricultural, medical, defence, and industrial sectors. Our intellectual capital and deep expertise in engineering allows us to not only meet current industry needs but also anticipate future trends. Shivalik holds a pivotal position in the high-growth segments of Automotive, Industrial Equipment, and Power Electronics, where our electrical components define performance standards.



The rising demand for switchgear, battery management and smart metering systems also conveys solid long-term prospects for Shivalik's product lines. With its unique business model based on proprietary bimetal technologies and niche solutions that OEMs demand, Shivalik thrives in an industry with high entry barriers. Today, as a valued vendor, the Company is making a mark in supplying high-quality shunt resistors to the fast-emerging electric vehicles and customisable smart meters of the future.

Shivalik's highly experienced management has led the Company to prominent ownership in technology and applications. Its solid balance sheet, combined with prudent capital management, drives Shivalik's robust growth potential. Shivalik's plants are operated by a team of **808 vastly skilled people**, Shivalik serves more than **125 clients globally**.

39.57%

YoY growth in PAT from
FY22 to FY23

38+

Countries we sell to

29.70%

YoY growth in Revenue from
operations from FY22 to FY23

42.79%

YoY growth in EBITDA from FY22
to FY23

125+

No. of customers globally

Chairman's Message



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SBCL's commitment to innovation, customer satisfaction, and strong partnerships has solidified our position as a preferred supplier, enabling us to drive efficiency, reliability, and safety across these industries.

Mr. S.S. Sandhu
Chairman & Whole time Director
Shivalik Bimetal Controls Ltd.

Dear Shareholders,

I am pleased to present the Chairman's Letter for Shivalik Bimetal Controls Ltd. (SBCL) as part of the Annual Report for FY23. This letter aims to provide you with a comprehensive overview of our strategic progress, technological advancements, financial prudence, commitment to sustainable growth, and our dedication to creating long-term value.

In FY23, SBCL has achieved significant milestones, driven by our focus on empowering energy management. As the world embraces the global wave towards electrification, our comprehensive portfolio of electrical components has positioned us at the forefront of this transformative journey, enabling reliable and efficient energy management across industries and homes.

SBCL remains committed to driving innovation in an ever-evolving world. Our strong partnerships with Original Equipment Manufacturers (OEMs), cutting-edge welding technologies, and intellectual capital have solidified our position as a trusted partner in emerging applications such as Battery Management Systems (BMS) and smart metering. We leverage our collective knowledge, experience, and expertise to develop cutting-edge solutions and shape the future of electrical components.

SBCL's components play a pivotal role in various sectors, including smart metering, switchgear, automotive applications, consumer electronics, telecommunications, and renewable energy systems. The world is witnessing a rapid shift towards smart metering technologies, the growth of the switchgear industry, and the electrification of automotive systems.

Our technological prowess, particularly in advanced welding techniques such as Electron Beam Welding as well as Hot/Cold Diffusion Bonding, has set us apart in the industry. These cutting-edge methods allow us to integrate diverse materials and alloys, resulting in robust and reliable electrical components. SBCL's intellectual capital, comprising our skilled workforce and specialized domain knowledge, further strengthens our competitive advantage. By embracing advancements in automation, data analytics, and digitalization, we are determined to stay at the forefront of engineering innovation and continuously optimize our manufacturing processes.

Financially, SBCL has maintained a robust balance sheet, underpinned by good governance, financial stewardship, and prudent capital management. Our tangible fixed assets have experienced consistent growth, reaching

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Through continuous improvement initiatives, we are optimizing our energy consumption, reducing waste generation, and adopting environmentally friendly practices across our operations.

₹255 crore (FY23),

Our net worth has grown steadily, reaching ₹255 crore in FY23, showcasing our commitment to long-term value creation for our shareholders.

₹102 crore in FY23, compared to ₹49 crore in FY18. This increased capital expenditure (Capex) has empowered us to expand our manufacturing infrastructure, enhance our research and development capabilities, and strengthen our market position. Furthermore, our net worth has grown steadily, reaching ₹255 crore in FY23, showcasing our commitment to long-term value creation for our shareholders. In light of the recent strategic bulk deal involving long-term marquee institutional investors, we are pleased to welcome FII, DII, and family offices as esteemed investors to our shareholder base, further reinforcing our commitment to growth.

At SBCL, sustainable growth is an integral part of our business philosophy. We are committed to minimizing our environmental impact and fostering positive social change.

Additionally, we actively engage with our local communities, contributing to their well-being through various social initiatives, education programs, and skill development opportunities. Education has been a key focus area for us, and we have invested in promoting education, including special education projects. We have worked towards improving access to quality education and supporting educational initiatives through our partnership with the ABS Foundation.

Healthcare initiatives have also been a priority for us. We have dedicated resources to promote healthcare, including preventive measures. Our involvement has contributed to the well-being of communities and the improvement of healthcare facilities. These initiatives are part of our diverse CSR projects and reflect our dedication to creating a positive impact on education, healthcare, employment, and rural development.

In conclusion, I extend my heartfelt gratitude to our shareholders, customers, employees, and business partners for their unwavering support and trust. Together, we will continue to drive SBCL's growth, deliver long-term value, and forge a brighter future. Our commitment to technological excellence, financial prudence, and sustainable growth will remain unwavering as we navigate the evolving landscape and create shared value for all stakeholders.

Warm regards,

Mr. S.S. Sandhu

Chairman & Whole time Director
Shivalik Bimetal Controls Ltd.

Empowering Energy Management:

The Criticality of SBCL's Components



In the ever-evolving world of energy management, the fundamental role of electrical components cannot be overstated. In the global wave towards electrification, SBCL's components power the transformation taking place across industries and homes. From residential distribution boards and circuit breakers to commercial power transmission and control systems, SBCL's components ensure reliable and efficient energy management.



Smart Metering

Within the smart metering sector, SBCL's precise current sensors, shunt resistors, and silver contacts (SEPPL) play a critical role. They enable accurate monitoring and control of energy consumption in smart meters, promoting energy efficiency and data-driven decision-making.

The global smart metering market size is expected to reach USD 26.7 billion by 2026, growing at a compound annual growth rate (CAGR) of over 9% during the forecast period.



1.2 billion

*Projected cumulative installed
base of Smart Meters by 2026.*

The cumulative global installed base of smart electricity meters is projected to surpass 1.2 billion units by 2026. This indicates the widespread adoption and deployment of smart metering technologies across various regions.

Asia Pacific is anticipated to witness substantial growth in the smart metering sector, driven by rising electricity demand, infrastructure development, and government initiatives promoting energy efficiency. Europe is also expected to contribute significantly to the market growth, with the replacement of traditional meters and smart grid modernization efforts. In addition, Governments and regulatory bodies across the globe are implementing policies and regulations to drive smart meter adoption. These mandates aim to improve energy efficiency, reduce carbon emissions, and empower consumers with real-time energy usage information.

The Indian smart meter market is projected to grow at a CAGR of over 9% between 2023 and 2028, due to favourable government initiatives and the deployment of 5G networks.

Empowering Energy Management:

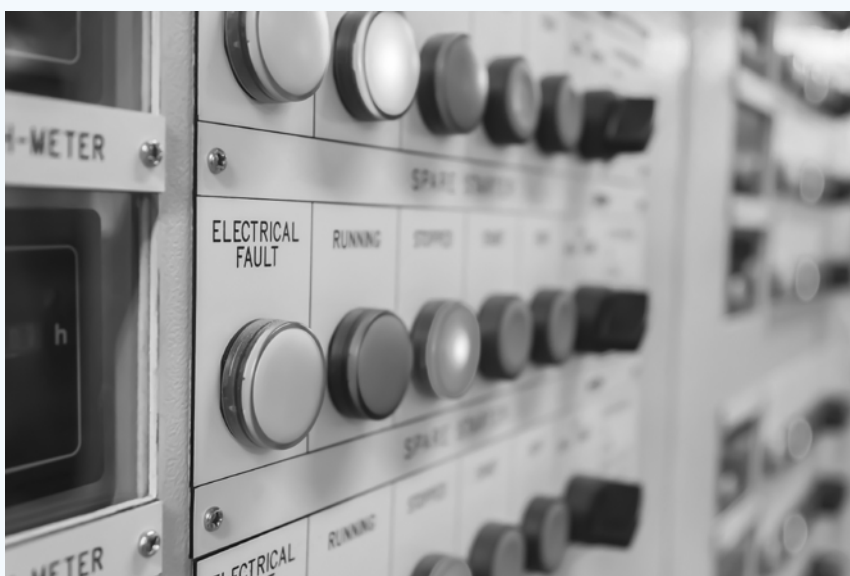
The Criticality of SBCL's Components



Switchgear

The Company's electrical products such as thermostatic bimetal, silver contacts, thermal protectors, and current sensors play a critical role in ensuring the safe and efficient operation of switchgear systems. SBCL's products are designed to withstand high currents, offer precise measurement capabilities, and provide reliable circuit protection, making them indispensable in switchgear applications.

SBCL's growth in the switchgear industry can be attributed to its focus on customer satisfaction and building strong partnerships.



SBCL's commitment to innovation and continuous improvement has fuelled its success in the switchgear industry. The company's research and development efforts focus on developing cutting-edge solutions that address the evolving needs of the market. By incorporating the latest technologies and adhering to international standards, SBCL stays at the forefront of the switchgear industry, providing state-of-the-art components to its customers. With the increasing adoption of smart grid technologies, SBCL's products have found extensive applications in advanced switchgear systems, including smart meters, digital protection devices, and intelligent control panels. The company's products enable seamless integration, enhanced monitoring capabilities, and improved energy management, supporting the global shift towards a more connected and sustainable electrical infrastructure.

By collaborating closely with its customers, SBCL ensures that its products meet the specific requirements of different switchgear applications, providing customized solutions that drive efficiency, reliability, and safety.

21.7%

Compound Annual Growth Rate (CAGR) of the EV Market 2022-2030

The company has established long-term relationships with renowned switchgear manufacturers and original equipment manufacturers (OEMs), securing its position as a preferred supplier in the industry.