

### Shivalik Bimetal Controls Ltd.

(A Govt. of India Recognised Star Export House)

Regd. Off.: 16-18, New Electronics Complex, Chambaghat, Distt. Solan - 173213, H.P. (INDIA)
Phone: + 91 - 1792 - 230578 Fax: + 91 - 1792 - 230475, 230578
Email: plant@shivulikbimetals.com Website: www.shivalikbimetals.com
Secretarial / Investor Department: investor@shivalikbimetals.com

To.





SBCL/BSE & NSE /2023-24/15

18<sup>th</sup> May, 2023

To,
BSE Limited
Corporate Relationship Deptt.
PJ Towers, 25th Floor, Dalal Street,
Mumbai – 400 001
Code No. 513097

National Stock Exchange of India Ltd.
Exchange Plaza, Plot No.C/1, G-Block Bandra Kurla
Complex, Bandra (East), Mumbai – 400 051
Code No. SBCL

Dear Sir,

**Sub: Submission of Analysts/Investors Presentation** 

CIN: L27101HP1984PLC005862

Ref: Letter dated May 16, 2023 providing details of the Investor Conference Call – Standalone and Consolidated Audited Financial Results for the quarter and year ended March 31, 2023

In continuation to our letter dated May 16, 2023, please find enclosed a presentation on the Audited Standalone and Consolidated Financial Results for the quarter and year ended March 31, 2023.

The presentation is also being made available on the Company's website at <a href="https://www.shivalikbimetals.com">www.shivalikbimetals.com</a>.

You are requested to take the same on record. Thanking you,

Yours truly,

For Shivalik Bimetal Controls Limited

Aarti Sahni Company Secretary

**Encl: As above** 

Head Office: H-2, Suneja Chambers, 2nd floor, Alaknanda Commercial Complex, New Delhi - 110019 (INDIA)

Phone: +91-11-26027174, 26022538, 26028175, 26020806 Fax: +91-11-26026776 Email: shivalik@shivalikbimetals.com





# INVESTOR PRESENTATION

Q4 & FY2023



# FORWARD LOOKING STATEMENTS



This presentation and the following discussion may contain "forward-looking statements" by "Shivalik Bimetal Controls Limited" that are not historical in nature.

Such forward-looking statements are subject to certain risks and uncertainties such as government actions, local, political or economic developments, technological risks, and many other factors that could cause actual results to differ materially from those contemplated by the relevant forward-looking statements.

"Shivalik Bimetal Controls Limited" will not be in any way be responsible for any action taken based on such statements and undertakes no obligation to publicly update these forward-looking statements to reflect subsequent events or circumstances.

### INVESTMENT RATIONALE

07

Enjoying strong

'Relationship Capital" with
limited domestic competition,
where customers thriving on
the "Make in India"
opportunity

01

Enjoying an R&D-centric
Technological Moat in a fast-growing niche market



06

Machine building capability of critical processes at a cost which is a fraction of global alternatives, thus enjoying a CAPEX advantage

02

Riding the
"Electrification
Everywhere" wave,
where everything that ran
on fossil fuels is
electricity driven

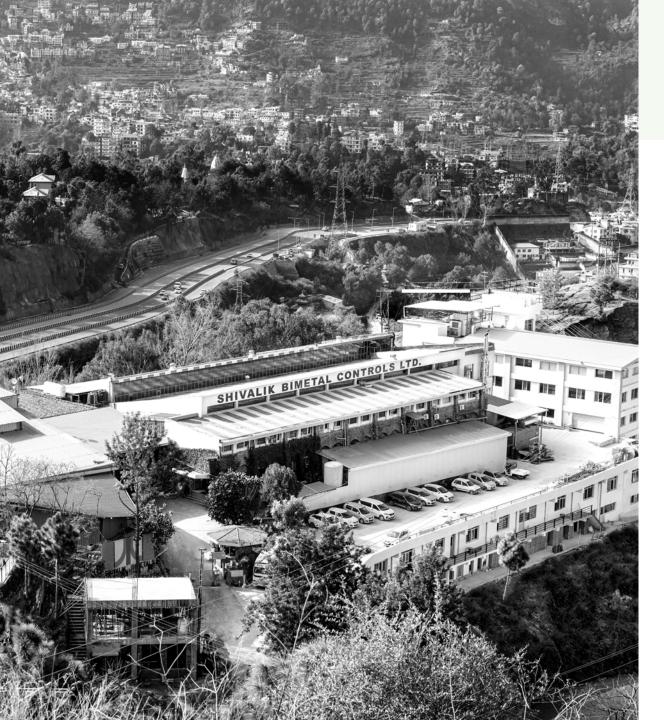
05

Enjoying Technological
Leadership Status in
Global Markets with
Reputed OEMs, at the
forefront of India's
prominent growth
presence

04

Using "Energy and Resources Light" Manufacturing processes, which are sustainable 03

Enjoying a strong
Balance Sheet with
headroom to raise capital
to match global demand
growth





### **FORGING AHEAD**

a **niche technology** pioneer at the tipping point of quantum growth

LEVERAGING DIFFERENTIATED INTELLECTUAL CAPITAL

1

BUILT FOR SUSTAINABLE LONG-TERM VALUE CREATION

2

PREPARED FOR SUSTAINED GROWTH

3

PERSISTENT FINANCIAL & OPERATIONAL PERFORMANCE

4





LEVERAGING DIFFERENTIATED INTELLECTUAL CAPITAL



### **DELIVERING QUANTUM & QUALITY GROWTH**



We make state-of-the-art electro-mechanical components that are at the heart of battery management systems



Over the past year, Shivalik has made significant strides in the evolving landscape of technological applications, achieving quantum growth through innovation and quality. Our expertise in Bimetal, Trimetal Strips and Shunt Resistors has been instrumental in facilitating advancements in sectors such as switchgear, energy meters, and battery management systems.

Over the last few years, we've diversified our product range to meet market trends and customer needs, delivering tailored solutions to leading OEMs. Our commitment to manufacturing excellence ensures consistent quality and reliability, positioning us as a valued partner across various industries.

Looking forward, Shivalik is committed to driving quantum and quality growth. We plan to broaden our capabilities, pioneer R&D, build new alliances, and explore untapped markets, persistently generating value for our stakeholders.

With its technological prowess and customer relationships, Shivalik can harness the potential growth in diverse segments such as automotive, defence, medical, and electrical appliances, whilst also capitalising on the ongoing electrification wave.

Paving the way for a dynamic and prosperous future.



### **KEY MILESTONES**



A niche technology leader with global presence

1984-1986

1994-2000

2002-2003

2005-2008

- Incorporated as a private limited company in June 1984
- Converted into a public limited company in May 1986
- Set up first plant in Asia to manufacture Thermostatic Bimetals in Oct 1986
- Launch of a new product Cathode Ray Tube business line for parts
- Integrated manufacturing process
- Acquired New Technology & Know how of Electron Beam Welding in 2000
- The Company's in House R&D units stands recognised by the government on 17<sup>th</sup> May 2002
- Entered into a Joint Venture agreement with Checon Corporation USA in the year 2006 to manufacture silver contacts
- Entered into a Joint venture with ArcelorMittal Stainless & Nickel Alloys and Dnick Holding Plc. to manufacture cladding material at SEZ Pithampur, Indore, MP
- A 100% subsidiary company named Shivalik Bimetal Engineers Pvt. Ltd. was incorporated during FY 2007-08 for providing technical and engineering services



### **KEY MILESTONES**



A diversified product reengineering player with global presence 2009-2011

2015-2020

2021-2023

- Acquired the equipment's of Sandvik Heating Technology, AB, Sweden, for manufacturing bimetals / trimetals through cold bonding process in 2011
- · Launch new product line i.e, Shunt resistor
- Expanded Product portfolio i.e., Thermostatic Bimetal, Trimetal, Coil & Spring, SMD, Shunt
- Commencement of New Factory
- Established largest EBW
   / Bonding / Stamping capacity across the globe
- Achieved Net Worth of INR 230 Crores+
- Listed on National Stock Exchange of India Limited

### 1 LEVERAGING DIFFERENTIATED INTELLECTUAL CAPITAL

#### **OUR BUSINESS MODEL CANVAS**







Business Model.

- Our People

- Our Vendors

- Our Agents

- Our Distributors

- Our Customers

- Our Investors

- Our Bankers

- Our Government

Key Partners

There are multiple stakeholders we

These stakeholders include:

Our Local Social Diaspora

partner with to produce value through our

components that are at the heart of systems that measure and manage electricity.

We operate modern manufacturing technologies and practices, with strong Research & Development as our foundation.

**Key Activities** 

We manufacture state-of-

the-art electro-mechanical



<u>:=</u>

Key Resources

We procure metal alloys produced specifically for us by global specilists.

Our Human, Intellectual and Manufacturing Capital are key resources used to convert these alloys into multi-metal strips and components.



Value Proposition

Shivalik's value proposition lays in its ability to offer electrical and critical energy driver solutions, in addition to customised energy solutions.

Our components are at the heart of all electrical energy measurement and management systems.

The global economy is shifting towards electric solutions considering climate change and its consequences. These components are integral in smart-metering for conscious energy consumption and for battery management systems in the zero-emission electric vehicles segment. Shivalik is equipped towards riding the oncoming 'electricity everywhere' wave.



stage.

Customer Relationships



Channels

A large part of our components are built as standards, which are sold 'off the shelf' by global component distributors to OEMs making a variety of appliances and systems. We also sell directly to OEMs with stringent and bespoke requirements, backed by long term relationships.



Customer Segments

Today, our specification tailored components are highly trusted by demanding global OEMs, who are at the forefront of critical measuring, management and switching applications. Some of the leading trending applications include:

- Switchgears
- Electrical Appliances
- Energy Measurement Solutions
- Electric Meters
- BMS (EV & Automotive)
- Intelligent Battery Solutions
- Gas Meters



Key Inputs

Human and Research Resources Electrical & Water Resources Plant, Equipments and Machine Building Capability Financial Capital: Equity & Debt



Revenue Streams

Revenue, Profits and Dividends for Shareowners Growth in the Market Capitalisation of the Company Remuneration to Employees Taxes to the Government CSR for Society



# ADVANCED MANUFACTURING CAPABILITIES



#### People:

650

#### 5 main technologies:

- 1. Diffusion Bonding
- 2. Cold Bonding
- 3. Electron Beam Welding
- 4. Braizing & Welding
- 5. High precision strip processing



- Shivalik Bimetal Controls Ltd. (SBCL) Plant 1
   Solan, HP, India
- Shivalik Bimetal Controls Ltd. (SBCL) Plant 2 Solan, HP, India
- Shivalik Engineered Products Pvt. Ltd., (SEPPL)
   Plant 3
   Solan, HP, India
- Innovative Clad Solutions Private Limited (ICS) (joint venture)
   Indore, MP, India
- Head Office New Delhi, India

"The strength of our balance sheet places us in a position for sustainable and exciting growth going into the future."

#### Chairman

Mr. S.S. Sandhu

"We are committed to being at the forefront of the technology curve that is relevant to our core products."

#### **Managing Director**

Mr. N. S. Ghumman



# STATE-OF-THE-ART FACILITIES



#### **Modern Manufacturing Facilities with unique capabilities**

- World's Largest Capacity and Production of Strip Electronic Beam Welding
- Inhouse stamping shop
- Inhouse R&D and Innovation
- Inhouse Reliability Testing
- · Inhouse Tooling and Design

#### Location

**Product Type** 

Revenue Capacity Post Expansion



Solan	Himachal	Dradoch
Solali,	пінасна	riauesii

EB welded Shunt Resistor Strip

INR 700 Cr



Solan, Himachal Pradesh

Thermostatic Bimetal Strips

INR 600 Cr



Solan, Himachal Pradesh

**Electrical Contacts** 

INR 300 Cr

### Quantum capacity growth from optimized CAPEX

- INR 75 crores of capex already spent over FY 2021 to FY 2023
- INR 20 to 30 crores to be spent for optimization and to improve productivity over FY 2024 to FY 2026
- Sales Potential post expansion INR 1,600 Crores









# HIGHLY SPECIALIZED IN MANUFACTURING PRECISION ENGINEERED SOLUTIONS



Our Technical know how is a moat reflected by our expertise in Bimetals and our first mover advantage for Shunt Resistors

# Shunt Resistors are manufactured through Electron Beam Welding (EBW) Process

- EBW is a highly specialized process where a cloud of electrons emitted from a tungsten cathode are accelerated in high vacuum for joining strips
- The company can deliver customized Shunt Resistors due to the precision welding process along with down the line finishing capabilities

# Thermostatic Bimetals are manufactured through Diffusion Bonding Process

- Metals are joined to best take advantage of the "Bimetal Effect" i.e., movement caused by their different coefficients of expansion as they respond to temperature changes
- Post bonding, all finishing processes including component manufacturing are done in house

# Electrical Contacts are key components which act as connecting points in a switchgear

- The contact materials used in such components is typically made of different types of precious metal alloys
- These materials are then joined on to copper or copper alloy substrates using various methods such as welding, cold bonding, hot bonding, or riveting



# PRECISION ENGINEERED SOLUTIONS FOR DIVERSIFIED END APPLICATIONS



Only company in the world to provide a portfolio of Shunt Resistors, Thermostatic Bimetals and Electrical Contacts under one roof

#### **Shunt Resistors**





#### Thermostatic Bimetals





#### **Electrical Contacts**





#### **Product Description**

- Shunt Resistors are electrical components that "regulate the flow of electrical current" in an electrical circuit
- It is used to measure and sense the flow of current and create a low resistance path for electric current to pass through it
- Shivalik, one of the preferred supplier globally, produces a wide range of highly dependable Resistors that are used in electronics, electrical, and automotive industry

- Thermostatic Bimetals are "critical components used in overload protection devices"
- Thermostatic Bimetals are formed by mechanically diffusing two or more alloys to combine their individual properties
- Shivalik is the largest supplier of Thermostatic Bimetal in India with more than grades and possesses the potential to satisfy global demand

- Electrical contacts are key components which are connecting points when a switch is turned on or off
- The contact materials are typically made of different types of precious metal alloys. These materials are then joined on to copper alloy substrates using various methods
- Shivalik specializes in the production of electrical contacts with its core competency focused on specialized joining processes

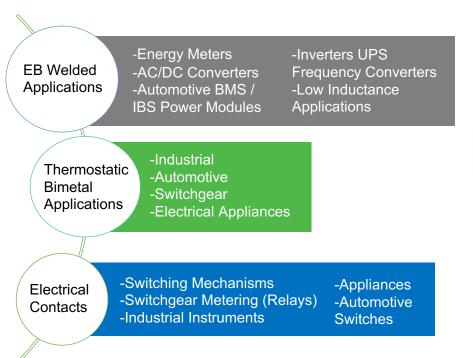
#### **End Applications**

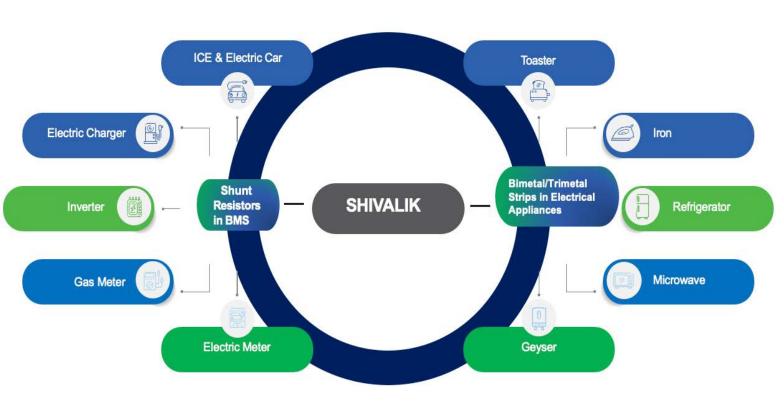
Electric Vehicle	Energy Storage	Switchgear	Electrical Appliances	Smart Meters	Switchgears
Smart Meters	Power Modules	Medical Devices	Automotive	Wires &Accessories	Electrical Appliances



### A GLIMPSE OF TRADITIONAL END-APPLICATIONS









### **OUR COMPETITIVE EDGE**









# Precision Engineered Manufacturing Solutions

 Leading supplier of critical components for Electric Vehicles, Energy Storage Devices, Switchgear, Electrical Appliances and Smart Meters

### **Technology Focused Skillset**

 Operating in a niche segment with core competence of joining metals by highly complex processes like Diffusion Bonding and Electron Beam Welding

# Product Portfolio with Diversified Grades

- Thermostatic Bimetal/Trimetal, Shunt Resistor Snap Action Disc, Coil & Spring etc.
- Proprietary tooling design technology to significantly enhance productivity and profitability



# **Long Standing Relationship** with Marquee Global Customers

 30+ years of customer relationships focused on offering customized solutions alongside growing customer base

# 05

### Adept Human Capital

 Presence of technocrat promoters with experienced management and highly skilled production team



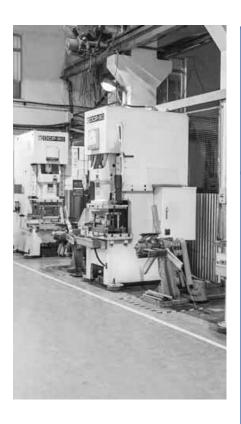
# Focus on R&D and Strategic Innovation

- Capabilities across design, development, testing, validation, manufacturing and delivery
- Focus on R&D and continuous improvement in product performance, cost & reliability and quality



### PROTECTED THROUGH STRONG DEFENSIVE MOATS





# Global pioneer in bonding & welding

SBCL is a global pioneer in joining metals to form bimetal and trimetal strips and components which use niche technology such as electron beam welding, hot diffusion bonding, resistance welding, and continuous brazing. These are critical components used in switchgear, automobiles (including EVs), and in Energy Meters.

# Differentiated through aggressive R&D

The Company enjoys a culture of rigorous R&D with talented people that have decades of experience that is hard to replicate. This gives Shivalik an intellectual capital advantage in maintaining its pole position amongst peers. It has an established presence with major technologies under one roof.



# Cemented as a technology leader in a difficult-to- enter industry

Shivalik is a niche technology-based business, with expertise accumulated over decades in metallurgical innovations involving diffusion bonding and electron beam welding of metals. These are complex processes with high barriers of entry.



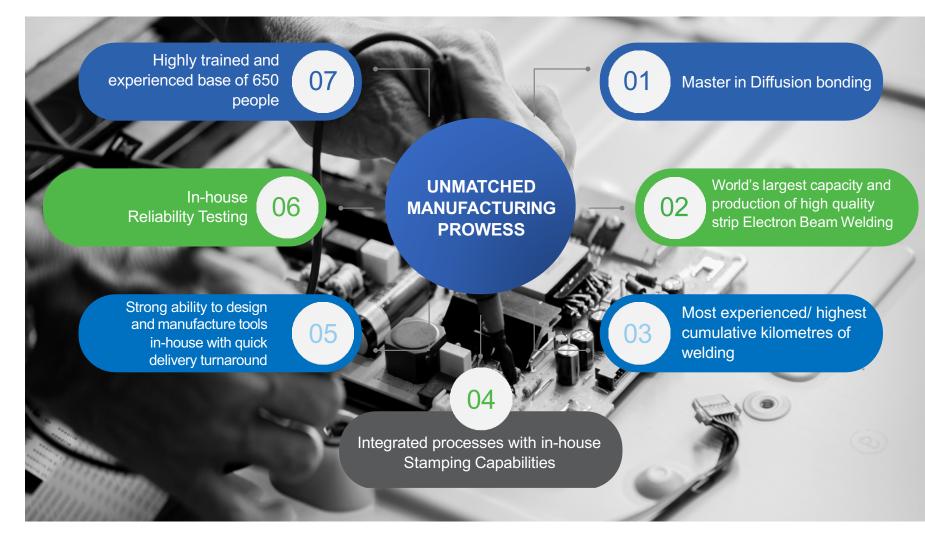


# PROTECTED BY R&D AND MANUFACTURING CAPABILITIES



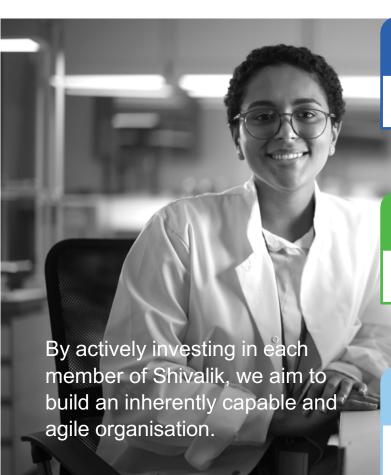
#### A PIONEER USER OF CUTTING-EDGE PROCESSES WITH VETERAN CREDENTIALS

- A leading supplier of thermostatic bimetals with 77 grades of Bimetals and Trimetals.
- An IATF16949, ISO 45001, ISO18001 & ISO 9001 Certified Company
- 'Here to stay' process technology, resulting in a window of stability enjoyed by Shivalik in their technology domain



# DRIVEN BY OUR TALENTED PEOPLE POOL





### **Top-notch promoters**

Veteran Experience embedded into the company



### **Professional Teams**

Investing in a diversity of capabilities & skillsets

Supporting our people to produce Innovative offerings



### Best-in-Class services for Global clients

High-value & Customisable offerings

Long-term relationships with OEMs







# EXPERIENCED TECHNOCRAT PROMOTERS AND SEASONED MANAGEMENT



#### First Generation Entrepreneurs

# Mr. S. S Sandhu Chairman and Whole Time Director

- 50 years of experience in the field of Banking, Finance, Legal and Corporate Financial Management
- · Bachelor of Arts

#### Mr. N.S Ghumman Managing Director

- 49 years of experience in the field of engineering, R&D, manufacturing operations and Product Development
- BTech in Mechanical Engineering (Hons)

#### **Second Generation Entrepreneurs**

# Mr. Kabir Ghumman Head of Manufacturing & Engineering

- 14 years of experience
- · B Tech, Mechanical Engineering

#### Mr. Kanav Anand Head of Sales and Marketing

- 20 years of experience in the industry
- BSc (Hons) in Business Management

# Mr. Sumer Ghumman Managing Director of SEPPL

- 14 years of experience
- Graduate in Accounting and Finance

#### Mr. Rajeev Ranjan Chief Financial Officer

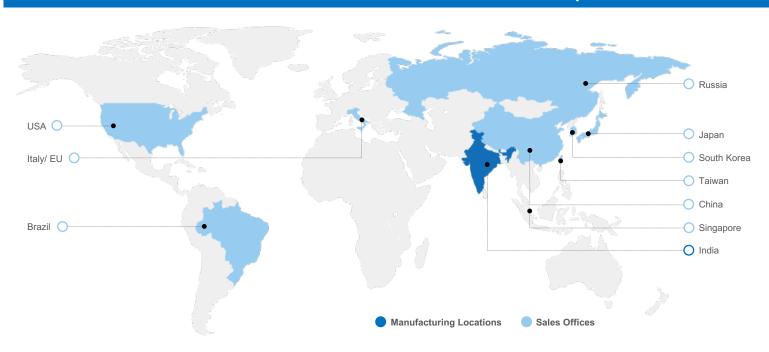
- 12 years of experience
- Chartered Professional, Executive Study in Finance and Financial Management Services

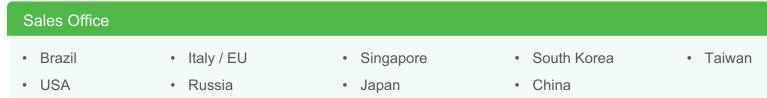


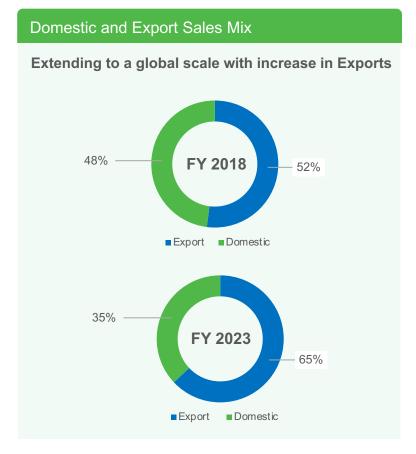
# WELL-POSITIONED FOR FUTURE GROWTH



#### **Global Presence with exports to over 30+ countries**







# **EXPANDING OUR GLOBAL REACH**& MARKET VISIBILITY













being relevant to market needs i.e. EVs and smart metering



by being ambitious in research and technological innovation



relat with

maximising operating leverage in specialised components



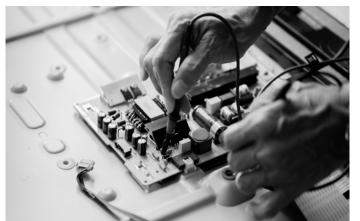
by being a key player at global exhibitions to gain more visibility



Expanding our visibility & market reach

Fostering deep relationships with leading system manufacturers & OEMs globally









BUILT FOR SUSTAINABLE LONG-TERM VALUE CREATION

# RISK MANAGEMENT POLICY TO ENSURE SMOOTH LONG-TERM CONTINUITY



Shivalik is exposed to various risks in daily conduct of its business. However, it has policies in place to ensure the company is insulated from any risk affecting its operations

- 01 Commodity Risk
  - The prices of raw materials procured by Shivalik are index linked thereby reducing the risk of price volatility
  - The Company has diverse set of suppliers thereby reducing the risk of shortage of raw materials
  - Shivalik is able to transfer price volatility as it enters into back-to-back contracts with its customers
- 02 Credit Risk
  - Shivalik customers include global marquee names with high credit ratings
  - The Company does not offer credit to new customers
  - For other export customers with long standing relationship, Shivalik offers a credit period of 30 days post receiving ECGC cover



### Currency Risk

- Shivalik has been maintaining its gross margins at ~50% consistently
- The Company enjoys an import-export ratio that provides a natural hedge for price fluctuation
- Shivalik also enters forwards and options contracts for mitigating the risk to an extent
- The Company has a strong hedging policy in place
- 04 Liquidity Risk
  - Efficient utilization of working capital facility
  - Company has a healthy ratio of EBITDA to Cash conversion
  - Furthermore, the Company does not have substantial term loans

# 2 BUILT FOR SUSTAINABLE LONG-TERM VALUE CREATION

### A VALUABLE LONG-TERM PLAYER SHIELDED BY A NETWORK OF LOYAL CLIENTS



01

#### **Early-stage involvement**

Engaging with clients at an early stage of their product development cycle

02

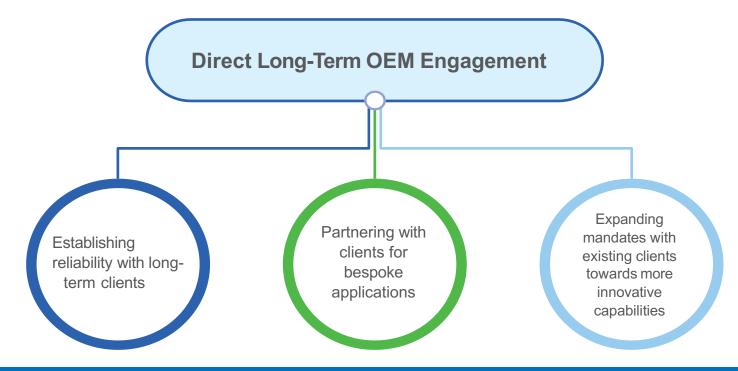
#### **Studying OEM Insights**

Kick-starting the building of solutions around the needs & gaps of industry segments

03

#### **Becoming an Invaluable Partner**

Ensuring trust & reliability that clients place in Shivalik for their long-term planning



#### **Key Drivers for Repeat Business**

Timely delivery of customized products with consistent quality

Regular interactions with client for their feedback

Ability to drive innovation in the existing product segment

Presence of unique technical knowhow

#### **Extensive Accreditation Process (Build to Specify Model)**

Conceptualize Design Prototype Pilot & Sampling Mass Production



# SUPPORTING LONG-TERM CLIMATE CHANGE COMMITMENTS



SHIVALIK IS AT THE
WAYPOINT FOR THE
ELECTRIFICATION OF THE
GLOBAL ECONOMY

The global Electric Vehicle Market size is projected to grow from 8,151 thousand units in 2022 to 39,208 thousand units by 2030, at a CAGR of 21.7% (2022-2030)

"Electric Vehicle Market Share, Size, Trends - (2022-2030)"

04

A huge global opportunity going forward into the next 3-4 decades. The shift towards Electrification from all major fossil fuel- based energy applications is driving our growth.

Demand for
Electric
Storage
Solutions

Demand for
Electric Vehicle
Production

Demand for
Charging
Network
Infrastructure

03

Shivalik is a proxy to the auto ancillary industry that will benefit highly from the electrification of the global vehicles market

0'

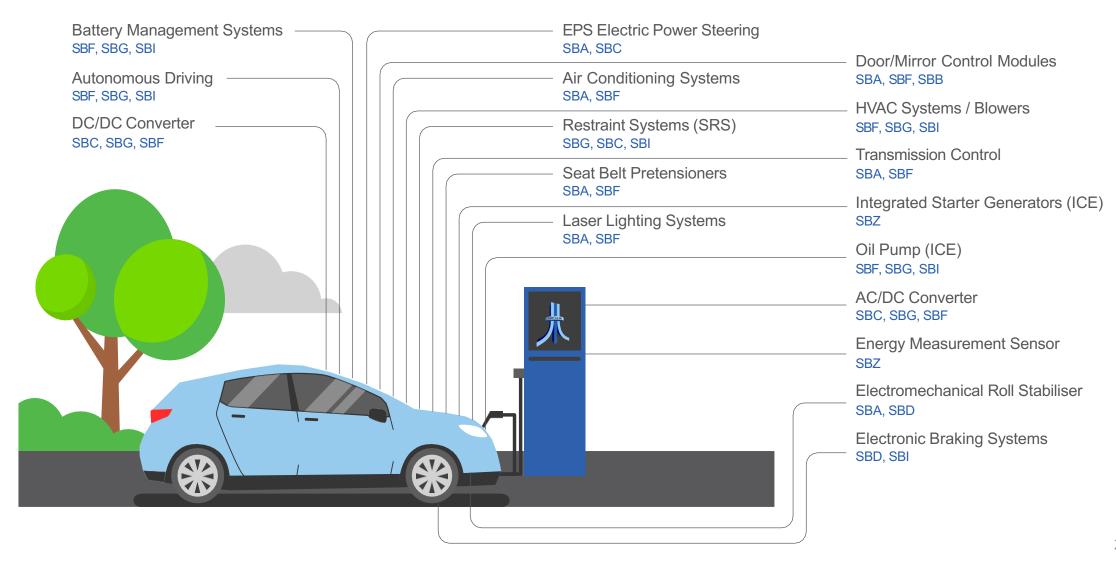
Everything going the electrical way is going to utilise Shivalik's devices; EVs, EV infrastructure, and storage solutions

02

Shivalik is placed in a sweet spot for delivering sustained growth into the future

# APPLICATIONS OF SHUNT RESISTORS IN AUTOMOBILES



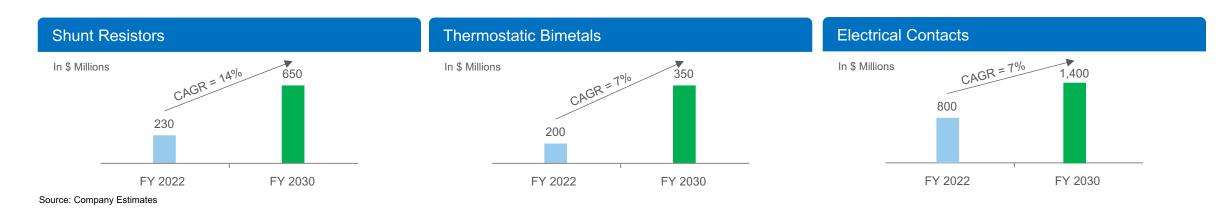




### SIZEABLE GLOBAL ADDRESSABLE MARKET



Total Global Addressable Market of the company was \$1.23 Bn as of FY 2022 which is expected to grow at a CAGR of ~9% to \$2.4 Bn by FY 2030



End Industr	y Market Size	Key Growth Drivers For Total	Addressable Market In Future		
Electric Vehicle	CAGR - 24.3% (2021-2028)				
Energy Storage	CAGR - 30.0% (2021-2030)	Growing demand for electric vehicles and charging stations	High demand due to exponential growth in infrastructure sector		
Switch Gear	CAGR - 6.9% (2021-2031)				
Medical Devices	CAGR - 5.5% (2021-2029)				
Smart Meter	CAGR – 7.0% (2022-2028)	Growing demand for electric vehicles and charging stations	High demand due to exponential growth in infrastructure sector		
Electrical Appliances	CAGR – 15.0% (2022-2030)	onalging stations			

Source: Market Reports Source: Company

26





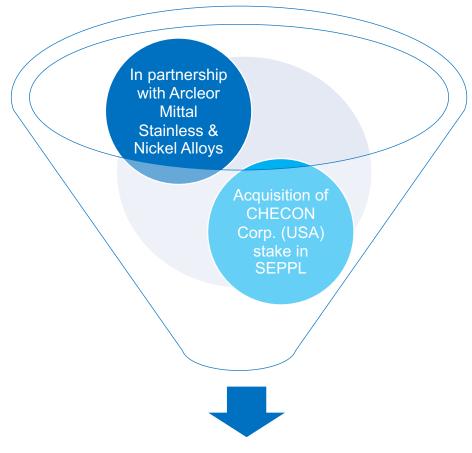
**SUSTAINED GROWTH** 



# CATALYSING GROWTH THROUGH A SERIES OF STRATEGIC ACQUISITIONS & ALLIANCES



- Shivalik's strategic acquisition of CHECON's (USA) stake in SEPPL expands the Company's offerings to manufacture and design Silver and Silver Alloy based electrical contacts and assemblies.
- Shivalik has a joint venture with Arcleor Mittal Stainless & Nickel Alloys called ICS located in Indore, MP, India.
- Both these initiatives broaden Shivalik's offerings and provide entry into complementary market segments alongside bimetal, trimetal, and shunt resistors.



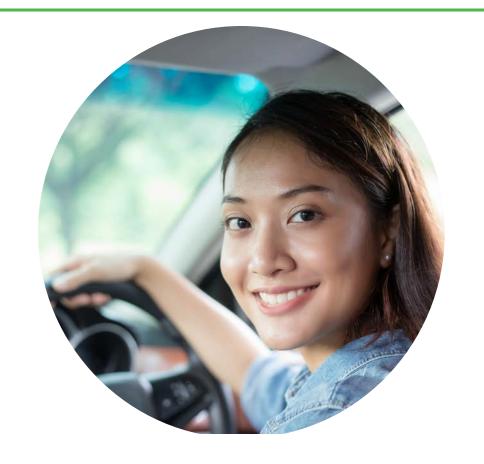
Catalysts for entry into complementary market segments

# WHILE STAYING FRIENDLY TO THE ENVIRONMENT



The technology required for these products is not energyguzzling and is sustainability friendly leading Shivalik into a strong ESG position.

As per its EHS Policy, Shivalik commits to operating Plants and facilities to minimize the environmental impact and to ensure the health and safety of our employees, our community, and our customers.



Committed to combating climate change by improving energy efficiency and the use of renewable energy.

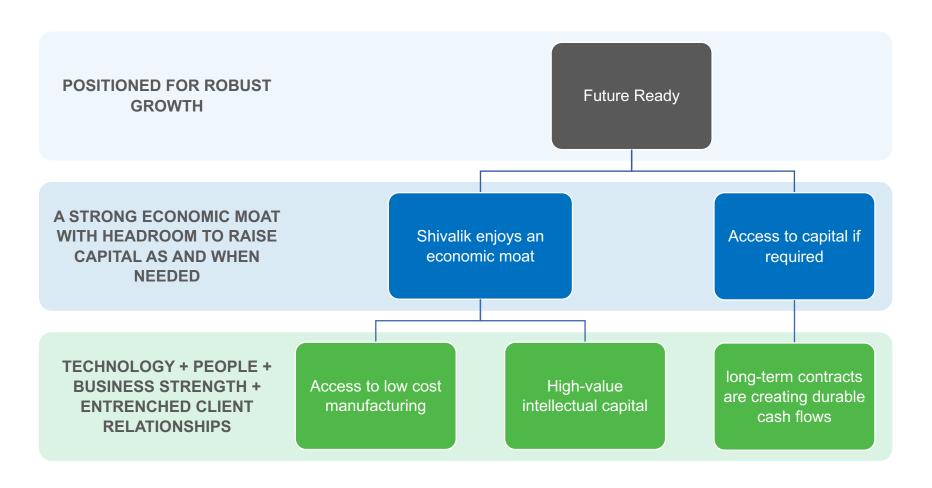
The Company is sourcing 100% of its power from renewable sources (hydroelectric) leading to a relatively low carbon footprint.

Shivalik's emissions are well within the prescribed standards by the Pollution Control Board and wastes are being disposed to authorized recyclers and disposal agencies.



# AND BY SUSTAINING SHIVALIK'S CORE ADVANTAGES





#### **Economic Moats:**

- i. Highly differentiated Intellectual capital = niche industry value creation
- ii. 20+ years of experience
- iii. Extensive Investment in R&D
- iv. Efficient scale from specialisation
- v. High-switching costs for clients
- vi. Contracts structured where price volatility is borne by the client





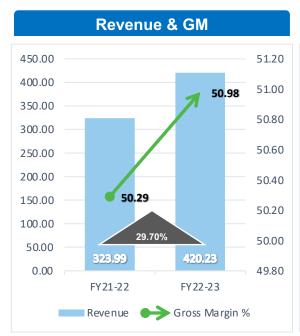
PERSISTENT FINANCIAL & OPERATIONAL PERFORMANCE

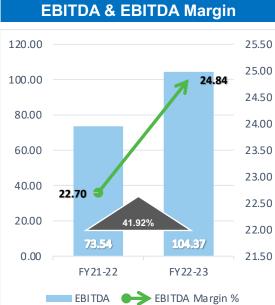


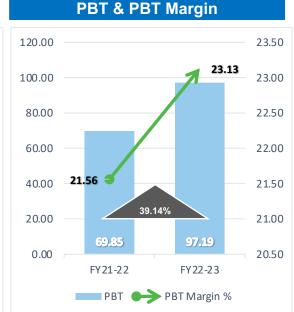
### FY23: KEY FINANCIAL HIGHLIGHTS (Standalone)



In ₹ crore









**Revenues** surged by 29.70% YoY to ₹ 420.23 crore in FY23 led by strong growth with the addition of new mandates from prominent clients.

**Gross Margin** improved marginally by 69 bps YoY to 50.98% in FY23, despite cost pressures faced during the period through astute management of raw material and processing input costs.

**EBITDA** grew by 41.92% YoY from ₹ 73.54 crore in FY22 to ₹ 104.37 crore in FY23.

**EBITDA Margin** expanded significantly by 214 bps YoY to 24.84% in FY23, driven by manufacturing efficiencies from greater economies of scale, and effective cost management in a challenging global macroeconomic environment.

**PBT** grew by 39.14% YoY from ₹ 69.85 crore in FY22 to ₹ 97.19 crore in FY23, fuelled by volume growth and tight control on input costs.

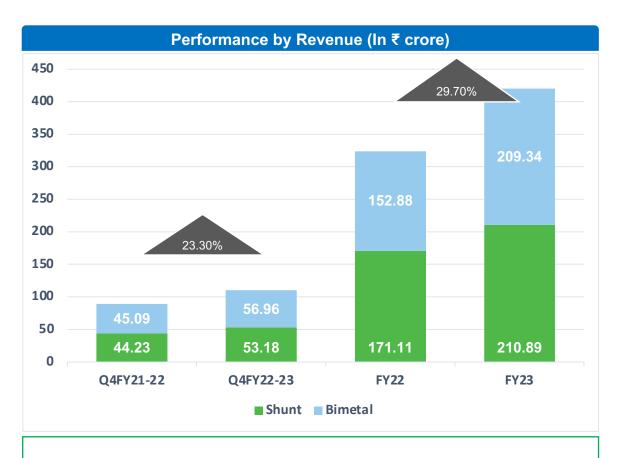
**PBT Margin** improved significantly by 157 bps to 23.13% in FY23 due to improvements in EBITDA.

**PAT** surged by 39.57% YoY from ₹ 52.04 crore in FY22 to ₹ 72.63 crore in FY23.

**PAT margin** increased by 122 bps YoY to 17.28% in FY23.

### **Q4 & FY23: SEGMENTWISE HIGHLIGHTS**





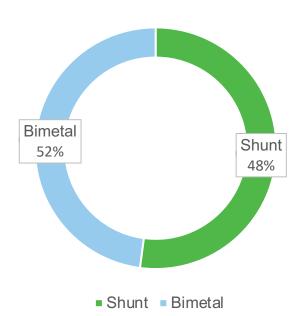
**Revenues:** Shivalik experienced secular growth across both Shunts and Bimetals in both Q4FY23 (up by 23.30% YoY) and FY23 (up by 29.70% YoY) in terms of Value (Rs. in crore).

### **FY23: SEGMENT SHARE**



#### **Segment Share by Volume (Kgs)**

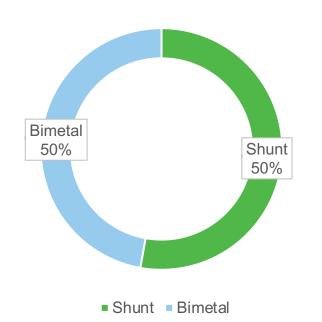
### FY23 (Vol-Kgs)



While the Bimetals segment continues to be the long-term growth engine for the Company, Shunts have become a fast growing and meaningful growth driver for Shivalik, and has emerged as an equal to its Bimetals business within a relatively short space of time. With multiple growth drivers propelling Shivalik forward, the Company is ideally placed at the waypoint for the electrification of the Global Economy.

#### Segment Share by Revenue (In ₹ crore)

### FY23 (Value in Cr.)

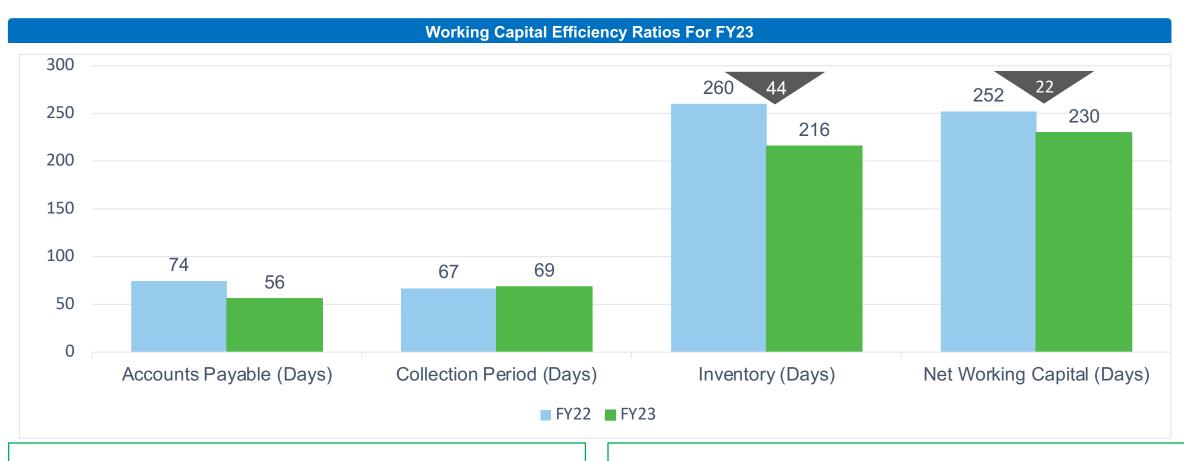


Launched just five years ago, our Shunt Resistors business now contributes around 50% of our total business in value terms.

# **FY23: WORKING CAPITAL**



Calculated on average inventory, receivables and creditors



Inventory Days for the FY23 period has reduced by 44 days to 216.

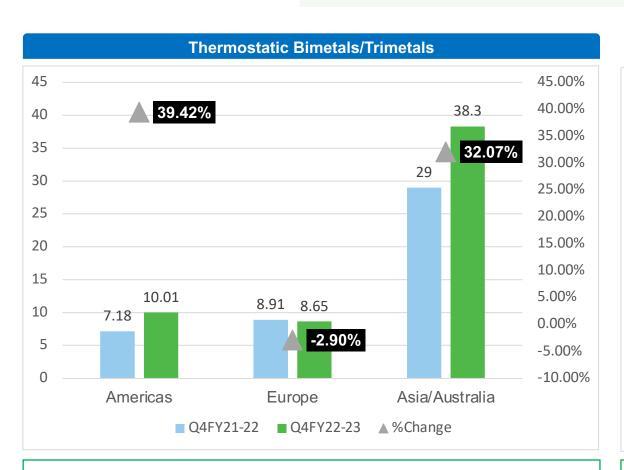
Net Working Capital (Days) for the FY23 period has reduced by 22 days to 230.

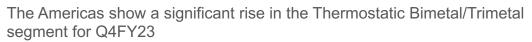


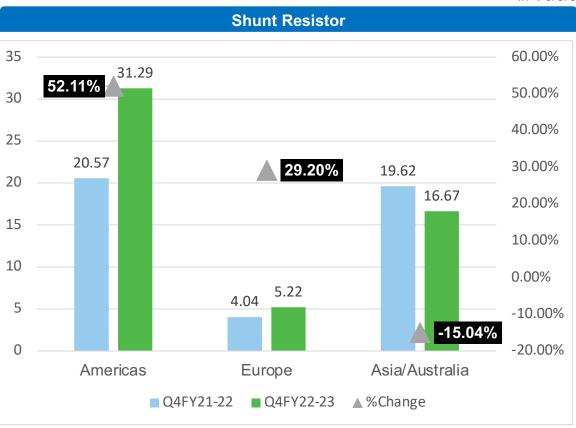
# Q4 FY23: BIMETALS/TRIMETALS + SHUNT RESISTOR BUSINESS DEEP DIVE



In ₹ crore







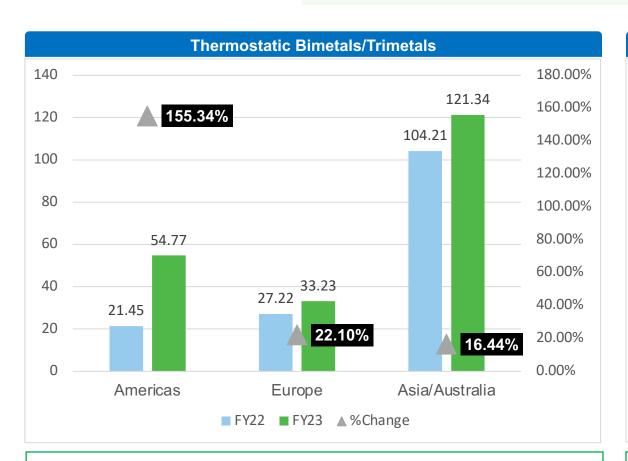
Europe demonstrates a steady rise for the Shunt Resistor segment for Q4FY23

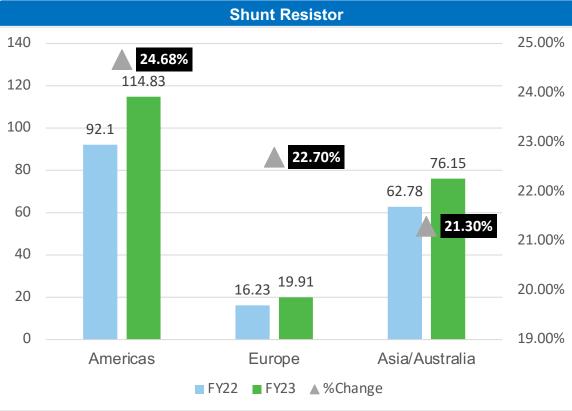


# FY23: BIMETALS/TRIMETALS + SHUNT RESISTOR BUSINESS DEEP DIVE



In ₹ crore





The Americas show a significant rise in the Thermostatic Bimetal/Trimetal segment for FY23

Asia/Australia demonstrates a steady rise for the Shunt Resistor segment for FY23







Particulars	Q4FY23	Q4FY22	YOY	FY23	FY22	YOY
Revenue From Operation	123.60	89.32	38.38%	470.37	323.99	45.18%
COGS	64.55	44.54	44.93%	245.16	161.06	52.22%
<b>Gross Profit</b>	59.05	44.78	31.87%	225.21	162.93	38.23%
Gross Margin %	47.78%	50.13%	(235 bps)	47.88%	50.29%	(241 bps)
Employee Expenses	11.29	7.21	56.59%	38.10	27.11	40.54%
Other Expenses	19.91	18.18	9.52%	78.57	62.27	26.18%
EBIDTA	27.85	19.39	43.63%	108.54	73.55	47.57%
EBIDTA Margin %	22.53%	21.71%	82 bps	23.08%	22.70%	38 bps
Finance Cost	1.64	1.19	37.82%	7.04	2.76	155.07%
Depreciation	2.76	1.88	46.81%	10.55	6.38	65.36%
Other Income	2.22	2.82	-21.28%	10.95	8.96	22.21%
Profit Before Tax	25.67	19.14	34.12%	101.90	73.37	38.89%
Profit Before Tax Margin	20.77%	21.43%	(66 bps)	21.66%	22.65%	(99 bps)
Taxes	4.17	4.53	-7.95%	23.20	18.19	27.54%
Profit after Tax*	21.50	14.61	47.16%	78.70	55.18	42.62%
PAT Margin %	17.39%	16.36%	103 bps	16.73%	17.03%	(30 bps)

<sup>\*</sup>Includes Other Comprehensive Income

### **CONSOLIDATED BALANCE SHEET**



In ₹ crore

						III \ CIOIE
Particulars	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Assets						
Tangible Fixed Assets	49	50	60	67	83	115
Intangible Assets	1	1	1	1	1	7
Non-Current Financial Assets	8	11	13	15	18	10
Other Non-Current Assets	1	0	1	2	6	4
Total Non-Current Assets	59	63	75	86	108	136
Inventories	41	69	51	70	115	132
Trade Receivables	34	35	31	43	59	93
Cash and Cash Equivalent	0	0	0	16	11	18
Other Financial Assets	1	0	0	0	0	0
Other Current Assets	10	7	6	6	15	11
<b>Total Current Assets</b>	86	112	88	135	200	254
Assets Classified as Held for Sale (C)	2	2	0	0	0	0
Total Assets	147	177	163	221	308	390
Equity & Liabilities						
Equity Share Capital	8	8	8	8	8	12
Other Equity	75	97	108	132	184	254
Net Worth	83	105	115	139	192	266
Long Term Borrowings	7	7	10	8	15	22
Other Non-Current Liabilities	6	7	6	6	6	7
Total Non-Current Liabilities	13	14	16	14	21	29
Short Term Borrowings	23	33	10	14	42	36
Trade Payables	17	15	12	35	42	42
Other Current Liabilities	11	10	10	19	11	17
Total Current Liabilities	51	58	32	68	95	95
Total Equity and Liabilities	147	177	163	221	308	390

### **CONSOLIDATED CASH FLOW STATEMENT**



Figures given below are in INR crores

Particulars	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Cash flow from Operating Activities						
Net Profit Before Tax-	23	34	17	34	73	102
Adjustments:						
Depreciation and Amortization	5	5	6	6	6	11
Share of Profit and Loss in JV	(1)	(2)	(1)	(2)	(4)	(1)
Gain on Fair Valuation of previous held equity Interest	-	-	-	-	-	(3)
Interest Expense	3	4	3	2	2	7
Operating Profit Before WC Changes	30	40	26	40	78	116
Working Capital Adjustments						
Trade Receivables	(7)	(1)	4	(12)	(16)	(22)
Inventories	(15)	(29)	19	(20)	(45)	(7)
Trade Payables	9	(3)	(3)	23	(0)	(5)
Other Assets	(6)	4	2	(0)	(9)	5
Other Liabilities	(1)	1	(0)	6	(1)	6
Cash generated from operations	10	13	47	37	14	93
Income Tax Paid	(5)	(9)	(6)	(8)	(17)	(27)
Net Cash generated from operations	6	4	41	30	(3)	66
Cash Flow from Investing Activities	(0)	(0)	(4.4)	(40)	(00)	(00)
Capex investment	(8)	(6)	(14)	(13)	(22)	(32)
Payment for Acquisition of Subsidiary(s)	-	-	-	(2)	(2)	(13)
Capital Advances Investments in JV	-	(1)	-	(2)	(2)	ı
	(7)	(1)	- (4.4)	- (4.5)	(24)	(42)
Net Cash generated from investing	(7)	(7)	(14)	(15)	(24)	(43)
Cash Flow from Financing Activities Long Term Borrowings	4	(1)	3	(1)	9	10
Short Term Borrowings	3	11	(23)	(1) 4	19	(17)
Interest Paid	(3)	(4)	(4)	(3)	(2)	(7)
Dividend Paid	(2)	(3)	(2)	(1)	(3)	(5)
Net Cash from Financing Activities	1	3	(27)	0	23	(19)
Net Increase in Cash and Cash Equivalent	0	0	0	15	(5)	4
Opening Balance	1	0	Ö	0	16	11
Cash and Cash Equivalents Acquired in Business		•	3	· ·	.0	3
Combination				-	<u>-</u>	
Closing Balance	0	0	0	16	11	18



# Q4 & FY23: STANDALONE PROFIT & LOSS STATEMENT



Particulars	Q4FY23	Q4FY22	YOY	FY23	FY22	YOY
Revenue From Operation	110.13	89.32	23.30%	420.23	323.99	29.70%
COGS	53.78	44.53	20.77%	205.99	161.06	27.90%
<b>Gross Profit</b>	56.35	44.79	25.81%	214.24	162.93	31.49%
Gross Margin %	51.17%	50.15%	102 bps	50.98%	50.29%	69 bps
Employee Expenses	10.12	7.21	40.36%	33.95	27.11	25.23%
Other Expenses	19.22	18.20	5.60%	75.92	62.28	21.90%
EBIDTA	27.01	19.38	39.37%	104.37	73.54	41.92%
EBIDTA Margin %	24.53%	21.70%	283 bps	24.84%	22.70%	214 bps
Finance Cost	1.59	1.19	33.61%	6.64	2.76	140.58%
Depreciation	2.23	1.88	18.62%	8.47	6.38	32.76%
Other Income	1.62	1.53	5.88%	7.93	5.45	45.50%
Profit Before Tax	24.81	17.84	39.07%	97.19	69.85	39.14%
Profit Before Tax Margin	22.53%	19.97%	256 bps	23.13%	21.56%	157 bps
Taxes	5.91	4.43	33.41%	24.56	17.81	37.90%
Profit after Tax*	18.90	13.41	40.94%	72.63	52.04	39.57%
PAT Margin %	17.16%	15.01%	215 bps	17.28%	16.06%	122 bps

\*Includes Other Comprehensive Income

### STANDALONE BALANCE SHEET



In ₹ crore

Assets   A							III CIOIE
Tangible Fixed Assets	Particulars	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Intangible Assets	Assets						
Non-Financial Assets	Tangible Fixed Assets	49	50	60	67	83	102
Other Non-Current Assets         1         0         0         1         6           Total Non-Current Assets         59         62         74         84         102         13           Inventories         41         69         51         70         115         12           Trade Receivables         34         35         31         43         59         8           Cash and Cash Equivalent         0         1         0         16         11         1           Other Equivalent         0         1         0         0         0         0         0           Other Financial Assests         1         1         0         0         0         0         0           Other Current Assets         10         7         6         6         15         1         1           Total Current Assets         86         113         88         135         200         22           Assets Classified as Held for Sale (C)         2         2         0         0         0         0           Total Assets         147         177         162         219         302         36           Equity & Liabilities         8	Intangible Assets	1	1	1	1	1	2
Total Non-Current Assets         59         62         74         84         102         13           Inventories         41         69         51         70         115         12           Trade Receivables         34         35         31         43         59         8           Cash and Cash Equivalent         0         1         0         16         11         1           Other Financial Assests         1         1         1         0         0         0         0           Other Current Assets         10         7         6         6         15         1         1         1         1         1         1         1         0	Non-Financial Assets	8	11	13	15	12	26
Inventories	Other Non-Current Assets	1	0	0	1	6	3
Trade Receivables         34         35         31         43         59         8           Cash and Cash Equivalent         0         1         0         16         11         1           Other Financial Assests         1         1         0         0         0         0           Other Current Assets         10         7         6         6         15         1           Total Current Assets         86         113         88         135         200         2           Assets Classified as Held for Sale (C)         2         2         0         0         0         0           Total Assets         147         177         162         219         302         36           Equity & Liabilities         8         8         8         8         8         1           Equity Share Capital         8         8         8         8         8         1           Other Equity         77         98         108         132         179         24           Net Worth         85         106         116         140         187         25           Long Term Borrowings         7         7         10         8 <td>Total Non-Current Assets</td> <td>59</td> <td>62</td> <td>74</td> <td>84</td> <td>102</td> <td>133</td>	Total Non-Current Assets	59	62	74	84	102	133
Cash and Cash Equivalent       0       1       0       16       11       1         Other Financial Assests       1       1       1       0       0       0         Other Current Assets       10       7       6       6       15       1         Total Current Assets       86       113       88       135       200       22         Assets Classified as Held for Sale (C)       2       2       0       0       0       0         Total Assets       147       177       162       219       302       36         Equity & Liabilities       8       8       8       8       8       8       8       10	Inventories	41	69	51	70	115	122
Other Financial Assests         1         1         0         0         0           Other Current Assets         10         7         6         6         15         1           Total Current Assets         86         113         88         135         200         22           Assets Classified as Held for Sale (C)         2         2         0         0         0         0           Total Assets         147         177         162         219         302         36           Equity & Liabilities         8         8         8         8         8         10           Equity Share Capital         8         8         8         8         8         8         10           Other Equity         77         98         108         132         179         24           Net Worth         85         106         116         140         187         25           Long Term Borrowings         7         7         10         8         15         2           Other Non-Current Liabilities         5         6         5         4         4           Total Non-Current Liabilities         12         13         15         12 <td>Trade Receivables</td> <td>34</td> <td>35</td> <td>31</td> <td>43</td> <td>59</td> <td>80</td>	Trade Receivables	34	35	31	43	59	80
Other Current Assets         10         7         6         6         15         1           Total Current Assets         86         113         88         135         200         22           Assets Classified as Held for Sale (C)         2         2         0         0         0         0           Total Assets         147         177         162         219         302         36           Equity & Liabilities         8         8         8         8         8         9         10	Cash and Cash Equivalent	0	1	0	16	11	17
Total Current Assets         86         113         88         135         200         22           Assets Classified as Held for Sale (C)         2         2         0         0         0         0           Total Assets         147         177         162         219         302         36           Equity & Liabilities         8         8         8         8         9         108         132         179         24           Other Equity         77         98         108         132         179         24           Net Worth         85         106         116         140         187         25           Long Term Borrowings         7         7         10         8         15         2           Other Non-Current Liabilities         5         6         5         4         4           Total Non-Current Liabilities         12         13         15         12         19         2           Short Term Borrowings         23         33         9         14         42         3	Other Financial Assests	1	1	0	0	0	0
Assets Classified as Held for Sale (C)         2         2         0         0         0           Total Assets         147         177         162         219         302         36           Equity & Liabilities         Equity & Liabilities           Equity Share Capital         8         8         8         8         8         179         24           Other Equity         77         98         108         132         179         24           Net Worth         85         106         116         140         187         25           Long Term Borrowings         7         7         10         8         15         2           Other Non-Current Liabilities         5         6         5         4         4           Total Non-Current Liabilities         12         13         15         12         19         2           Short Term Borrowings         23         33         9         14         42         3	Other Current Assets	10	7	6	6	15	10
Total Assets         147         177         162         219         302         36           Equity & Liabilities         8         8         8         8         8         9         10           Equity Share Capital         8         8         8         8         8         9         10           Other Equity         77         98         108         132         179         24           Net Worth         85         106         116         140         187         25           Long Term Borrowings         7         7         10         8         15         2           Other Non-Current Liabilities         5         6         5         4         4           Total Non-Current Liabilities         12         13         15         12         19         2           Short Term Borrowings         23         33         9         14         42         33	Total Current Assets	86	113	88	135	200	229
Equity & Liabilities         Equity Share Capital       8       8       8       8       8       8       1         Other Equity       77       98       108       132       179       24         Net Worth       85       106       116       140       187       25         Long Term Borrowings       7       7       10       8       15       2         Other Non-Current Liabilities       5       6       5       4       4         Total Non-Current Liabilities       12       13       15       12       19       2         Short Term Borrowings       23       33       9       14       42       3	Assets Classified as Held for Sale (C)	2	2	0	0	0	0
Equity Share Capital       8       8       8       8       8       1         Other Equity       77       98       108       132       179       24         Net Worth       85       106       116       140       187       25         Long Term Borrowings       7       7       10       8       15       2         Other Non-Current Liabilities       5       6       5       4       4         Total Non-Current Liabilities       12       13       15       12       19       2         Short Term Borrowings       23       33       9       14       42       3	Total Assets	147	177	162	219	302	362
Other Equity       77       98       108       132       179       24         Net Worth       85       106       116       140       187       25         Long Term Borrowings       7       7       10       8       15       2         Other Non-Current Liabilities       5       6       5       4       4         Total Non-Current Liabilities       12       13       15       12       19       2         Short Term Borrowings       23       33       9       14       42       3	Equity & Liabilities						
Net Worth         85         106         116         140         187         25           Long Term Borrowings         7         7         10         8         15         2           Other Non-Current Liabilities         5         6         5         4         4           Total Non-Current Liabilities         12         13         15         12         19         2           Short Term Borrowings         23         33         9         14         42         3	Equity Share Capital	8	8	8	8	8	12
Long Term Borrowings       7       7       10       8       15       2         Other Non-Current Liabilities       5       6       5       4       4         Total Non-Current Liabilities       12       13       15       12       19       2         Short Term Borrowings       23       33       9       14       42       3	Other Equity	77	98	108	132	179	243
Other Non-Current Liabilities         5         6         5         4         4           Total Non-Current Liabilities         12         13         15         12         19         2           Short Term Borrowings         23         33         9         14         42         33	Net Worth	85	106	116	140	187	255
Total Non-Current Liabilities         12         13         15         12         19         2           Short Term Borrowings         23         33         9         14         42         3	Long Term Borrowings	7	7	10	8	15	21
Short Term Borrowings         23         33         9         14         42         3	Other Non-Current Liabilities	5	6	5	4	4	4
	Total Non-Current Liabilities	12	13	15	12	19	25
Trade Payables 17 15 12 35 42 3	Short Term Borrowings	23	33	9	14	42	32
	Trade Payables	17	15	12	35	42	35
Other Current Liabilities         10         10         10         19         11         1	Other Current Liabilities	10	10	10	19	11	14
			58	31	68	95	81
Total Equity and Liabilities 147 177 162 219 302 36	Total Equity and Liabilities	147	177	162	219	302	362

### STANDALONE CASH FLOW STATEMENT



Figures given below are in INR crores

Particulars	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Cash flow from Operating Activities						
Net Profit before tax-	22	33	17	33	70	98
Adjustments:						
Depreciation and Amortisation	5	5	6	6	6	9
Unrealised foreign exchange loss/(gain) on borrowings	0	(1)		(1)	0	1
Interest Income	0	0	0	0	(1)	(1)
Interest Paid	3	4	3	2	3	7
Dividend received	0	0	0	0	0	(1)
Operating Profit Before WC Changes	30	40	26	40	78	112
Working Capital Adjustments						
Trade receivables	(7)	0	4	(12)	(16)	(21)
Inventories	(15)	(29)	19	(20)	(45)	(7)
Trade Payables	9	(3)	(3)	23	7	(7)
Other Assets	(6)	4	2	0	(9)	4
Other Liabilities	(1)	1	(1)	6	(1)	6
Cash generated from operations	10	13	47	37	14	87
Income Tax Paid	(5)	(9)	(6)	(8)	(17)	(26)
Net Cash generated from operations Cash Flow from Investing Activities	5	4	41	29	(3)	61
Capex investment	(8)	(6)	(14)	(13)	(23)	(27)
Payment for Acquisition of Subsidiary(s)	0	0	0	0	0	(13)
Capital Advances	1	0	0	(2)	(2)	1
Interest Income	0	0	0	0	1	0
Investment in Joint venture	0	(1)	0	0	0	0
Dividend received	0	0	0	0	0	1
Net Cash generated from investing	(7)	(7)	(14)	(15)	(24)	(38)
Cash Flow from Financing Activities						
Long Term Borrowings	4	(1)	3	0	8	10
Short Term Borrowings	3	11	(24)	4	20	(16)
Principal payment of lease liability	0	0	(1)	0	0	0
Interest Paid	(3)	(4)	(3)	(2)	(3)	(7)
Dividend Paid	(2)	(3)	(2)	(1)	(3)	(5)
Net Cash from Financing Activities	2	3	(27)	0	22	(18)
Net Increase in Cash and Cash Equivalent	0	0	0	15	(5)	6
Opening Balance	0	0	0	0	16	11
Closing Balance	0	0	0	16	11	17

### **BUSINESS STRATEGY & OUTLOOK**







• Charting strategies to penetrate new geographies

#### Keep growing our brand reputation and margins profile

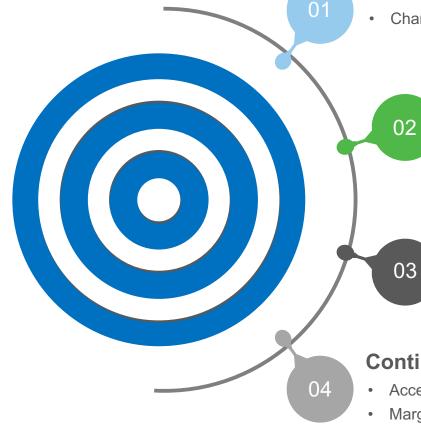
- Expanding our geographical reach using existing reputation and relationships
- The two-fold strategy of further penetrating existing markets and entering new markets for customisation from design-stage for products

#### Our commitment to R&D for maintaining pole position

- Continuing process innovation in our technological capabilities
- Investing in AI optimisation and forefront technology to enhance processes

### Continue to build on organic and inorganic growth strategies

- Accelerated focus on cash flow positivity
- Margin improvements
- · Analysing opportunities for meaningful inorganic growth





Rajeev Ranjan rranjan@shivalikbimetals.com

# **THANK YOU**

