July 12, 2023

Samvardhana Motherson International Ltd.: Update on material event

Summary of rating action

Instrument*	Previous Rated Amount (Rs. crore)	Current Rated Amount (Rs. crore)	Rating Outstanding
Commercial paper programme	**150.00**	**150.00**	[ICRA]A1+

**Instrument details are provided in Annexure-I*

Rationale

Material event

Samvardhana Motherson International Limited (SAMIL, erstwhile Motherson Sumi Systems Limited) in its press release dated July 04, 2023, announced that it has entered into an agreement with Yachiyo Industry Co. Ltd. (Yachiyo), to buy 81% stake in Yachiyo's 4-wheeler business, via 100% subsidiary of Samvardhana Motherson Automotive Systems BV (SAHN B.V.). Yachiyo is currently listed on the Tokyo Stock exchange, with Honda Motor Company (Honda Motor) owning 50.4% of the company. Equipped with 13 manufacturing facilities across the globe, Yachiyo's 4-wheeler business includes production of sunroofs, fuel tanks and resin products for passenger vehicles and pick-up trucks.

The equity value of the business is JPY 23 billion for 100% stake and the acquisition is expected to close by the end of Q1 FY2025.

Impact of the material event

The proposed acquisition of Yachiyo will aid SAMIL's diversification initiatives, while the foray into the sunroof and fuel tank segment will aid product diversification. Yachiyo's status as a key strategic supplier to Honda Motors will also improve Honda's contribution to overall SAMIL's revenues, thus improving its customer diversification. Additionally, the acquisition is likely to provide SAMIL significant cross-selling opportunities for its other business, thereby aiding its revenue growth prospects over the medium term.

Taking into consideration Yachiyo's healthy financial metrics (revenues of ~Rs. 6,840 crore and operating margins of ~11.4% in FY2023), the transaction will not have any material impact on the credit metrics of SAMIL. While there may be some incremental debt availed to fund the acquisition, the same will be offset through incremental EBITDA, leading to minimal impact on its leverage metrics. SAMIL's existing cash reserves (~Rs. 4,698 crore as of March 2023) and improved cash flows from operations, driven by a steady industry demand, should help to limit any material increase in gross debt. ICRA takes comfort from SAMIL's history of successful acquisitions and inorganic growth through successful integration of acquired entities over the years, which should help SAMIL successfully complete the acquisition and integrate the entity with the current operations.

ICRA also notes that SAMIL plans to invest up to US$34 million (in multiple tranches) (as of now US$14 million to be Invested and balance US$ 20 million to be invested upon success development of Gen 3 prototype) to acquire not less than 72% stake (on a fully diluted basis) in Prysm Systems Inc, a laser phosphorus display manufacturer and enterprise collaboration platform developer. Additionally, the company has announced plans to acquire Rollon Hydraulics Private Limited for an enterprise value of ~Rs. 76.5 crore determined basis locked box accounts as on 31st March 2023 (expected to close in Q2FY2024). The fund outgo for the acquisitions is not expected to materially impact the credit metrics, while furthering the company's business diversifications goals.

Please refer to the following link for the previous detailed rationale that captures key rating drivers and their description, liquidity position, and rating sensitivities: Click here.

Analytical approach

Analytical Approach	Comments
Applicable rating methodologies	Corporate Credit Rating Methodology Rating Methodology for Auto Component Manufacturers
Parent/Group support	Not Applicable
Consolidation/Standalone	For arriving at the ratings, ICRA has considered the consolidated financials of SAMIL. As on March 31, 2023, the company had 211 subsidiaries, two associates, and twenty JVs, which are all enlisted in Annexure-II.

About the company

Samvardhana Motherson International Limited (SAMIL, erstwhile Motherson Sumi Systems Limited) is the flagship company of the Samvardhana Motherson Group (SMG), a leading global automotive component supplier with market leadership across multiple segments. The company was promoted in 1986 in technical and financial collaboration with Sumitomo Wiring Systems (SWS) and Sojitz Corporation, Japan. SAMIL is a listed entity with presence across 41 countries, with its promoter shareholding distributed between the Sehgal family (~50.6% stake) and SWS, Japan (~14.2% stake) as on March 31, 2023.

SAMIL started out as a single product (wiring harness) company but has since expanded its product range to include polymer products, automotive mirrors and machined metal components. It has three primary business divisions: wiring harness, vision systems, and modules and polymers. Additionally, it has presence in lighting, electronics, precision metals and modules, besides recently foraying into the aerospace and healthcare industries. Apart from organic growth through investments in identified geographies, the management has followed an acquisition-led growth strategy, which has helped in diversifying its operational profile over the years.

In FY2022, as apart of the business restructuring exercise, the company's promoter entity (erstwhile SAMIL) and its interests in various companies were merged into SAMIL. Simultaneously, the domestic wiring harness business was demerged into a separate entity (MSWIL), w.e.f. April 1, 2021); SAMIL continues to own 33.4% in the domestic wiring harness business.

Key financial indicators (audited)

SAMIL Consolidated	FY2022	FY2023*
Operating income	63,703.4	78,700.7
PAT	1,165.5	1,713.4
OPBDIT/OI	7.3%	7.9%
PAT/OI	1.8%	2.2%
Total outside liabilities/Tangible net worth (times)	1.5	1.5
Total debt/OPBDIT (times)	3.0	2.2
Net debt/OPBDIT (times)	2.0	1.5
Interest coverage (times)	8.6	7.9

Source: Company annual reports, ICRA Research. PAT: Profit after tax; OPBDIT: Operating profit before depreciation, interest, taxes and amortisation.
*Note: Amount in Rs. crore; All calculations are as per ICRA Research; Total assets and net worth exclude revaluation reserve; NA- Not Available; *basis limited results*

Status of non-cooperation with previous CRA: Not applicable

Any other information: None

Rating history for past three years

Instrument	Current rating (FY2024)					Chronology of rating history for the past 3 years				
	Type	Amount rated (Rs. crore)	Amount outstanding as on Mar 31, 2023 (Rs. crore)	Date & rating in FY2024	Date & rating in FY2023		Date & rating in FY2022		Date & rating in FY2021	
				July 12, 2023	Feb 24, 2023	Sep 30, 2022	Sep 13, 2021	Jul 19, 2021	Sep 3, 2020	Jul 7, 2020 Apr 9, 2020
1 Term loans	Long term	-	-	-	-	[ICRA]AA+ (Stable); Withdrawn	[ICRA]AA+ (Stable)	[ICRA]AA+ (Stable)	[ICRA]AA+ (Stable)	[ICRA]AA + @
2 Fund-based limits	Long term and short term	-	-	-	-	[ICRA]AA+ (Stable)/ [ICRA]A1+; Withdrawn	[ICRA]AA+ (Stable)/ [ICRA]A1+	[ICRA]AA+ (Stable)/ [ICRA]A1+	[ICRA]AA+ (Stable)/ [ICRA]A1+	[ICRA]AA + @/[ICRA] A1+
3 Non-fund based limits	Long term and short term	-	-	-	-	[ICRA]AA+ (Stable)/ [ICRA]A1+; Withdrawn	[ICRA]AA+ (Stable)/ [ICRA]A1+	[ICRA]AA+ (Stable)/ [ICRA]A1+	[ICRA]AA+ (Stable)/ [ICRA]A1+	[ICRA]AA + @/[ICRA] A1+
4 Unallocated	Short-term	-	-	-	-	[ICRA]A1+; Withdrawn	[ICRA]A1+	-	-	-
5 Commercial paper	Short-term	150.0	0.0	[ICRA]A1+	[ICRA]A1+	[ICRA]A1+	[ICRA]A1+	[ICRA]A1+	[ICRA]A1+	[ICRA]A1+

@ Under Watch with Negative Implications

Complexity level of the rated instruments

Instrument	Complexity Indicator
Commercial paper	Very Simple

The Complexity Indicator refers to the ease with which the returns associated with the rated instrument could be estimated. It does not indicate the risk related to the timely payments on the instrument, which is rather indicated by the instrument's credit rating. It also does not indicate the complexity associated with analysing an entity's financial, business, industry risks or complexity related to the structural, transactional or legal aspects. Details on the complexity levels of the instruments are available on ICRA's website: Click Here

Annexure I: Instrument details

ISIN	Instrument Name	Date of Issuance	Coupon Rate	Maturity	Amount Rated (Rs. crore)	Current Rating and Outlook
NA	Commercial paper	Yet to be placed			150.0	[ICRA]A1+

Source: Company

Annexure II: List of entities considered for consolidated analysis

Company Name	SAMIL Ownership	Consolidation Approach
MSSL Mauritius Holdings Limited (MMHL)	100.00%	Full Consolidation
Motherson Electrical Wires Lanka Private Limited	100.00%	Full Consolidation
MSSL Mideast (FZE)	100.00%	Full Consolidation
MSSL (S) Pte Limited	100.00%	Full Consolidation
Motherson Innovations Tech Limited (formerly MSSL Automobile Component Limited)	100.00%	Full Consolidation
Samvardhana Motherson Polymers Limited (SMPL)	100.00%	Full Consolidation
MSSL (GB) Limited (Jointly held by the Company and MSSL Mideast (FZE)	100.00%	Full Consolidation
Motherson Wiring System (FZE) (held by MSSL Mideast (FZE)	100.00%	Full Consolidation
MSSL Tooling (FZE) (held by MSSL Mideast (FZE)	100.00%	Full Consolidation
MSSL GmbH (held by MSSL Mideast (FZE)	100.00%	Full Consolidation
MSSL Advanced Polymers s.r.o.(held by MSSL GmbH)	100.00%	Full Consolidation
Motherson Air Travel Agency GmbH (Formerly known as Motherson Techno Precision GmbH) (held by MSSL GmbH)	100.00%	Full Consolidation
MSSL Germany Real Estate B.V. & Co. KG (jointly held by MSSL GmbH and Samvardhana Motherson Automotive Systems Group B.V.)	100.00%	Full Consolidation
MSSL s.r.l. Unipersonale (held by MSSL (GB) Limited)	100.00%	Full Consolidation
Motherson Techno Precision México, S.A. de C.V (held by Motherson Techno Precision GmbH)	100.00%	Full Consolidation
Motherson Air Travel Pvt Ltd (held by MSSL Mideast (FZE))	100.00%	Full Consolidation
MSSL Australia Pty Limited (held by MSSL Mauritius Holdings Limited)	80.00%	Full Consolidation
Motherson Elastomers Pty Limited (held by MSSL Australia Pty Limited)	100.00%	Full Consolidation
Motherson Investments Pty Limited (held by MSSL Australia Pty Limited)	100.00%	Full Consolidation
MSSL Ireland Private Limited (held by MSSL (GB) Limited)	100.00%	Full Consolidation
MSSL Global RSA Module Engineering Limited (held by MSSL Mauritius Holdings Limited)	100.00%	Full Consolidation
MSSL Japan Limited (held by MSSL (S) Pte Limited)	100.00%	Full Consolidation
Vacuform 2000 (Proprietary) Limited (held by MSSL Mauritius Holdings Limited)	51.00%	Full Consolidation
MSSL México, S.A. De C.V. (held by MSSL (S) Pte Limited)	100.00%	Full Consolidation
MSSL WH System (Thailand) Co., Ltd (held by MSSL (S) Pte. Ltd.)	100.00%	Full Consolidation
MSSL Korea WH Limited (held by MSSL (S) Pte. Ltd.)	100.00%	Full Consolidation
MSSL Consolidated Inc. (held by MSSL (GB) Ltd.)	100.00%	Full Consolidation
MSSL Wiring System Inc (held by MSSL Consolidated Inc.)	100.00%	Full Consolidation
Alphabet de Mexico, S.A. de C.V. (held by MSSL (GB) Ltd.)	100.00%	Full Consolidation
Alphabet de Mexico de Monclova, S.A. de C.V. (held by MSSL (GB) Ltd.)	100.00%	Full Consolidation
Alphabet de Saltillo, S.A. de C.V. (held by MSSL (GB) Ltd.)	100.00%	Full Consolidation
MSSL Wirings Juarez, S.A. de C.V. (held by MSSL (GB) Ltd.)	100.00%	Full Consolidation
Samvardhana Motherson Global Holdings Ltd. (SMGHL) (jointly held by MSSL Mauritius Holdings Limited & Samvardhana Motherson Holding (M) Pvt. Ltd.)	100.00%	Full Consolidation
Samvardhana Motherson Automotive Systems Group B.V. (SMRPBV) (held by SMGHL and SMPL)	100.00%	Full Consolidation
Samvardhana Motherson Reflectec Group Holdings Limited (SMR) (held by SMRPBV)	100.00%	Full Consolidation
SMR Automotive Technology Holding Cyprus Limited (held by SMR)	100.00%	Full Consolidation

Company Name	SAMIL Ownership	Consolidation Approach
SMR Automotive Mirror Parts and Holdings UK Ltd (held by SMR)	100.00%	Full Consolidation
SMR Automotive Holding Hong Kong Limited (held by SMR)	100.00%	Full Consolidation
SMR Automotive Systems India Limited (Jointly held by the Company and SMR Automotive Technology Holding Cyprus Limited)	100.00%	Full Consolidation
SMR Automotive Systems France S.A. (held by SMR Automotive Technology Holding Cyprus Limited)	100.00%	Full Consolidation
SMR Automotive Mirror Technology Holding Hungary KFT (held by SMR Automotive Technology Holding Cyprus Limited)	100.00%	Full Consolidation
SMR Patents S.à.r.l. (held by SMR Automotive Mirror Parts and Holdings UK Ltd.)	100.00%	Full Consolidation
SMR Automotive Technology Valencia S.A.U. (held by SMR Automotive Mirror Parts and Holdings UK Ltd.)	100.00%	Full Consolidation
SMR Automotive Mirrors UK Limited (held by SMR Automotive Mirror Parts and Holdings UK Ltd.)	100.00%	Full Consolidation
SMR Automotive Mirror International USA Inc. (held by SMR Mirrors UK Limited)	100.00%	Full Consolidation
SMR Automotive Systems USA Inc. (held by SMR Automotive Mirror International USA Inc.)	100.00%	Full Consolidation
SMR Automotive Beijing Company Limited (held by SMR Automotive Holding Hong Kong Limited)	100.00%	Full Consolidation
SMR Automotive Yancheng Co. Limited (held by SMR Automotive Holding Hong Kong Limited)	100.00%	Full Consolidation
SMR Automotive Mirror Systems Holding Deutschland GmbH (held by SMR Automotive Mirror Parts and Holdings UK Ltd.)	100.00%	Full Consolidation
SMR Holding Australia Pty Limited (held by SMR Automotive Mirror Technology Holding Hungary Kft)	100.00%	Full Consolidation
SMR Automotive Australia Pty Limited (held by SMR Holding Australia Pty Ltd.)	100.00%	Full Consolidation
SMR Automotive Mirror Technology Hungary BT (held by SMR Automotive Technology Holding Cyprus Limited)	100.00%	Full Consolidation
Motherson Business Service Hungary Kft. (held by SMR Automotive Mirror Technology Hungary BT)	100.00%	Full Consolidation
SMR Automotive Modules Korea Ltd. (held by SMR Automotive Mirror Systems Holding Deutschland GmbH)	100.00%	Full Consolidation
SMR Automotive Beteiligungen Deutschland GmbH (held by SMR Automotive Mirror Systems Holding Deutschland GmbH)	100.00%	Full Consolidation
SMR Hyosang Automotive Ltd. (held by SMR Automotive Modules Korea Ltd.)	100.00%	Full Consolidation
SMR Automotive Mirrors Stuttgart GmbH (held by SMR Automotive Mirror Systems Holding Deutschland GmbH)	100.00%	Full Consolidation
SMR Automotive Systems Spain S.A.U (held by SMR Automotive Mirrors Stuttgart GmbH)	100.00%	Full Consolidation
SMR Automotive Vision Systems Mexico S.A de C.V (Jointly held by SMR Automotive Mirrors Stuttgart GmbH and SMR Automotive Systems Spain S.A.U.)	100.00%	Full Consolidation
Samvardhana Motherson Corp Management Shanghai Co Ltd. (held by SMR Automotive Mirrors Stuttgart GmbH)	100.00%	Full Consolidation
SMR Grundbesitz GmbH & Co. KG (held by SMR Automotive Mirror Systems Holding Deutschland GmbH)	93.07%	Full Consolidation
SMR Automotive Brasil Ltda. (held by SMR Automotive Mirror Technology Holding Hungary Kft)	100.00%	Full Consolidation
SMR Automotive System (Thailand) Limited (held by SMR Automotive Technology Holding Cyprus Limited)	100.00%	Full Consolidation
SMR Automotives Systems Macedonia Dooel Skopje (held by SMR Automotive Mirror Technology Holding Hungary Kft)	100.00%	Full Consolidation
SMR Automotive Operations Japan K.K. (held by SMR Automotive Mirror Technology Holding Hungary Kft)	100.00%	Full Consolidation
SMR Automotive (Langfang) Co. Ltd	100.00%	Full Consolidation

Company Name	SAMIL Ownership	Consolidation Approach
(held by SMR Automotive Mirror Systems Holding Deutschland GmbH)		
SMR Automotive Vision System Operations USA INC (held by SMR Automotive Mirror Parts and Holdings UK Ltd)	100.00%	Full Consolidation
SMR Mirror UK Limited (held by SMR Automotive Vision System Operations USA INC)	100.00%	Full Consolidation
Motherson Innovations Company Limited (held by SMR)	100.00%	Full Consolidation
Motherson Innovations Deutschland GmbH (held by Motherson Innovations Company Limited)	100.00%	Full Consolidation
Samvardhana Motherson Global (FZE) (held by SMR)	100.00%	Full Consolidation
SMR Automotive Industries RUS Limited Liability Company (jointly held by SMR Automotive Mirror Technology Holding Hungary Kft & SMR Automotive Technology Holding Cyprus Ltd.)	100.00%	Full Consolidation
Re-time Pty Limited (held by SMR Automotive Australia Pty Limited)	71.40%	Full Consolidation
SMR Plast Met Molds and Tools Turkey Kalıp İmalat Anonim Sirketi (held by SMR Automotive Mirrors Stuttgart GmbH)	75.00%	Full Consolidation
SMR Plast Met Automotive Tec Turkey Plastik İmalat Anonim Şirketi (held by SMR Automotive Mirrors Stuttgart GmbH)	75.00%	Full Consolidation
Samvardhana Motherson Peguform GmbH (SMP) (held by SMRPBV)	100.00%	Full Consolidation
SMP Automotive Interiors (Beijing) Co. Ltd. (held by SMRPBV)	100.00%	Full Consolidation
SMP Deutschland GmbH (held by Samvardhana Motherson Peguform GmbH and SMGHL)	100.00%	Full Consolidation
SMP Logistik Service GmbH (held by SMP Deutschland GmbH)	100.00%	Full Consolidation
SMP Automotive Solutions Slovakia s.r.o. (held by SMP Deutschland GmbH)	100.00%	Full Consolidation
Changchun Peguform Automotive Plastics Technology Co., Ltd. (held by SMP Deutschland GmbH)	50% +1share	Full Consolidation
Foshan Peguform Automotive Plastics Technology Co. Ltd. (held by Changchun Peguform Automotive Plastics Technology Co., Ltd.)	100.00%	Full Consolidation
Tianjin SMP Automotive Component Company Limited (held by Changchun Peguform Automotive Plastics Technology Co., Ltd.)	100.00%	Full Consolidation
Shenyang SMP Automotive Trim Co., Ltd (held by Changchun Peguform Automotive Plastics Technology Co., Ltd.)	100.00%	Full Consolidation
SMP Automotive Technology Iberica S.L. (held by SMRPBV)	100.00%	Full Consolidation
Samvardhana Motherson Peguform Barcelona S.L.U (held by SMP Automotive Technology Iberica S.L.)	100.00%	Full Consolidation
SMP Automotive Technologies Teruel Sociedad Limitada (held by SMP Automotive Technology Iberica S.L.)	100.00%	Full Consolidation
Samvardhana Motherson Peguform Automotive Technology Portugal S.A. (held by SMP Automotive Technology Iberica S.L.)	100.00%	Full Consolidation
SMP Automotive Systems Mexico S.A. de C.V. (held by SMP Automotive Technology Iberica S.L.)	100%- 1share	Full Consolidation
SMP Automotive Produtos Automotivos do Brasil Ltda. (held by SMP Automotive Technology Iberica S.L.)	100%- 1share	Full Consolidation
SMP Automotive Exterior GmbH (held by Samvardhana Motherson Peguform GmbH)	100.00%	Full Consolidation
Samvardhana Motherson Innovative Autosystems B.V. & Co. KG (held by Samvardhana Motherson Peguform GmbH)	100.00%	Full Consolidation
Samvardhana Motherson Innovative Autosystems Holding Company BV (held by SMR)	100.00%	Full Consolidation
SM Real Estate GmbH (held by SMGHL & SMP Automotive Exterior GmbH)	100.00%	Full Consolidation
Samvardhana Motherson Innovative Autosystems de Mexico, S.A. de C.V. (held jointly by SMR & SMP)	100.00%	Full Consolidation
SMP Automotive Systems Alabama Inc. (held by SMR Automotive Mirror International USA Inc.)	100.00%	Full Consolidation
Celulosa Fabril (Cefa) S.A. (held by SMP automotive technology Iberica S.L.)	50.00%	Full Consolidation
Modulos Ribera Alta S.L.Unipersonal	100.00%	Full Consolidation

Company Name	SAMIL Ownership	Consolidation Approach
(held by Celulosa Fabril (Cefa) S.A.)		
Motherson Innovations Lights GmbH & Co KG (held by Samvardhana Motherson Peguform GmbH)	100.00%	Full Consolidation
Motherson Innovations Lights Verwaltungs GmbH (held by Motherson Innovations Lights GmbH & Co KG)	100.00%	Full Consolidation
Zhaoqing SMP Automotive Co., Ltd. (held by Changchun Peguform Automotive Plastics Technology Co., Ltd.)	100.00%	Full Consolidation
SMP D Real Estates B.V. & Co. KG (Jointly held by SMP Deutschland GmbH and MSSL GmbH)	100.00%	Full Consolidation
SMP Automotive Ex Real Estate B.V. & Co. KG (Jointly held by SMP Deutschland GmbH and MSSL GmbH)	100.00%	Full Consolidation
SMP Automotive Interior Modules d.o.o. Ćuprija (held by SMRC Automotive Holdings Netherlands B.V.)	100.00%	Full Consolidation
MSSL Estonia WH OÜ (held by MSSL (GB) Limited)	100.00%	Full Consolidation
PKC Group Oy (held by MSSL Estonia WH OÜ)	100.00%	Full Consolidation
PKC Wiring Systems Oy (held by PKC Group Oy)	100.00%	Full Consolidation
PKC Group Poland Sp. z o.o. (held by PKC Eesti AS)	100.00%	Full Consolidation
PKC Wiring Systems Llc (held by PKC Wiring Systems Oy)	100.00%	Full Consolidation
PKC Group APAC Limited (held by PKC Wiring Systems Oy)	100.00%	Full Consolidation
PKC Group Canada Inc. (held by PKC Wiring Systems Oy)	100.00%	Full Consolidation
PKC Group USA Inc. (held by PKC Wiring Systems Oy)	100.00%	Full Consolidation
PKC Group Mexico S.A. de C.V. (held by PKC Wiring Systems Oy)	100.00%	Full Consolidation
Project del Holding S.a.r.l. (held by PKC Wiring Systems Oy)	100.00%	Full Consolidation
PK Cables do Brasil Ltda (jointly held by PKC Wiring Systems Oy & Project Del Holding S.à.r.l.)	100.00%	Full Consolidation
PKC Eesti AS (held by PKC Wiring Systems Oy)	100.00%	Full Consolidation
TKV-sarjat Oy (held by PKC Wiring Systems Oy)	100.00%	Full Consolidation
Motherson Rolling Stocks S. de R.L. de C.V. (Jointly held by TKV-sarjat Oy and MSSL (GB) Limited)	100.00%	Full Consolidation
PKC SEGU Systemelektrik GmbH (held by PKC Wiring Systems Oy)	100.00%	Full Consolidation
Groclin Luxembourg S.à r.l. (held by PKC Group Poland Holding Sp. z o.o.)	100.00%	Full Consolidation
PKC Vehicle Technology (Suzhou) Co., Ltd. (held by PKC Group APAC Limited)	100.00%	Full Consolidation
AEES Inc. (held by PKC Group USA Inc.)	100.00%	Full Consolidation
PKC Group Lithuania UAB (held by PKC Eesti AS)	100.00%	Full Consolidation
PKC Group Poland Holding Sp. z o.o. (held by PKC Wiring Systems Oy)	100.00%	Full Consolidation
OOO AEK (jointly held by PKC Eesti AS & TKV sarjat O)	100.00%	Full Consolidation
Kabel-Technik-Polska Sp. z o.o. (held by Groclin Luxembourg S.à r.l.)	100.00%	Full Consolidation
T.I.C.S. Corporation (held by AEES Inc.)	100.00%	Full Consolidation
AEES Power Systems Limited partnership (jointly held by T.I.C.S. Corporation & AEES Inc.)	100.00%	Full Consolidation
Fortitude Industries Inc. (held by AEES Inc.)	100.00%	Full Consolidation
AEES Manufactuera, S. De R.L de C.V. (held by Project del Holding S.a.r.l.)	100.00%	Full Consolidation
Cableodos del Norte II, S. de R.L de C.V. (held by Project del Holding S.a.r.l.)	100.00%	Full Consolidation
Manufacturas de Componentes Electricos de Mexico S. de R.L de C.V. (held by Project del Holding S.a.r.l.)	100.00%	Full Consolidation
Arneses y Accesorios de México, S. de R.L de C.V. (held by Project del Holding S.a.r.l.)	100.00%	Full Consolidation
Asesoria Mexicana Empresarial, S. de R.L de C.V. (held by Project del Holding S.a.r.l.)	100.00%	Full Consolidation
Arneses de Ciudad Juarez, S. de R.L de C.V. (held by Project del Holding S.a.r.l.)	100.00%	Full Consolidation

Company Name	SAMIL Ownership	Consolidation Approach
PKC Group de Piedras Negras, S. de R.L. de C.V. (held by Project del Holding S.a.r.l.)	100.00%	Full Consolidation
PKC Group AEES Commercial S. de R.L de C.V (held by Project del Holding S.a.r.l.)	100.00%	Full Consolidation
Jiangsu Huakai-PKC Wire Harness Co., Ltd. (held by PKC Group APAC Limited)	50.00%	Full Consolidation
PKC Vechicle Technology (Hefei) Co, Ltd. (held by PKC Group APAC Limited)	50.00%	Full Consolidation
PKC Vehicle Technology (Fuyang) Co., Ltd. (held by PKC Vechicle Technology (Hefei) Co, Ltd.)	100.00%	Full Consolidation
Shangdong Huakai-PKC Wire Harness Co., Ltd. (held by Jiangsu Huakai-PKC Wire Harness Co., Ltd.)	100.00%	Full Consolidation
Jilin Huakai - PKC Wire Harness Co. Ltd. (held by Jiangsu Huakai-PKC Wire Harness Co., Ltd.)	50.00%	Full Consolidation
Motherson PKC Harness Systems FZ-LLC (held by PKC Eesti AS) (incorporated on July 7, 2019)	100.00%	Full Consolidation
Wisetime Oy (held by PKC Wiring Systems Oy)	100.00%	Full Consolidation
Global Environment Management (FZC) (held by MSSL Mauritius Holdings Limited)	100.00%	Full Consolidation
SMRC Automotive Holdings Netherlands B.V. (held by SMRPBV,	100.00%	Full Consolidation
SMRC Automotives Techno Minority Holdings B.V. (held by SMRC Automotive Holdings Netherlands B.V.)	100.00%	Full Consolidation
SMRC Automotive Modules France SAS (held by SMRC Automotive Holdings Netherlands B.V.)	100.00%	Full Consolidation
Samvardhana Motherson Reydel Automotive Parts Holding Spain, S.L.U. (held by SMRC Automotive Holdings Netherlands B.V.)	100.00%	Full Consolidation
SMRC Automotive Interiors Spain S.L.U. (held by Reydel Automotive Holding Spain , S.L.U)	100.00%	Full Consolidation
SMRC Automotive Interior Modules Croatia d.o.o (held by SMRC Automotive Holdings Netherlands B.V.)	100.00%	Full Consolidation
Samvardhana Motherson Reydel Autotecc Morocco SAS (held by SMRC Automotive Holdings Netherlands B.V.)	100.00%	Full Consolidation
SMRC Automotive Technology RU LLC (held by SMRC Automotive Holdings Netherlands B.V.)	100.00%	Full Consolidation
SMRC Smart Interior Systems Germany GmbH (held by SMRC Automotive Holdings Netherlands B.V.)	100.00%	Full Consolidation
SMRC Automotive Solutions Slovakia s.r.o. (held by SMRC Automotive Holdings Netherlands B.V.)	100.00%	Full Consolidation
SMRC Automotive Holding South America B.V. (held by SMRC Automotive Holdings Netherlands B.V.)	100.00%	Full Consolidation
SMRC Automotive Modules South America Minority Holdings B.V. (held by SMRC Automotive Holdings Netherlands B.V.)	100.00%	Full Consolidation
SMRC Automotive Tech Argentina S.A. (jointly held by SMRC Automotive Holding South America B.V. & SMRC Automotive Modules South America Minority Holdings B.V.)	100.00%	Full Consolidation
SMRC Fabricacao e Comercio de Produtos Automotivos do Brasil Ltda (held by SMRC Automotive Holding South America B.V.)	100.00%	Full Consolidation
SMRC Automotive Products India Limited (held by SMRC Automotive Holdings Netherlands B.V.)	100.00%	Full Consolidation
SMRC Automotive Smart Interior Tech (Thailand) Ltd.	100.00%	Full Consolidation
SMRC Automotive Interiors Japan Ltd. (held by SMRC Automotive Holdings Netherlands B.V.)	100.00%	Full Consolidation
Shanghai SMRC Automotive Interiors Tech Consulting Co. Ltd. (held by SMRC Automotive Holdings Netherlands B.V.)	100.00%	Full Consolidation
PT SMRC Automotive Technology Indonesia (jointly held by SMRC Automotive Holdings Netherlands B.V. & SMRC Automotives Techno Minority Holdings B.V.)	100.00%	Full Consolidation
Yujin SMRC Automotive Techno Corp.	50.90%	Full Consolidation

Company Name	SAMIL Ownership	Consolidation Approach
(held by SMRC Automotive Holdings Netherlands B.V.)		
SMRC Automotives Technology Phil Inc. (held by SMRC Automotive Holdings Netherlands B.V.)	100.00%	Full Consolidation
Motherson Consultancies Service Limited	100.00%	Full Consolidation
Samvardhana Motherson Finance Service Cyprus Limited	100.00%	Full Consolidation
Samvardhana Motherson Holding (M) Private Limited	100.00%	Full Consolidation
Samvardhana Motherson Auto Component Private Limited	100.00%	Full Consolidation
MS Global India Automotive Private Limited	100.00%	Full Consolidation
Samvardhana Motherson Maadhyam International Limited	100.00%	Full Consolidation
Samvardhana Motherson Global Carriers Limited	100.00%	Full Consolidation
Samvardhana Motherson Innovative Solutions Limited	100.00%	Full Consolidation
Samvardhana Motherson Refrigeration Product Limited (held by Samvardhana Motherson Innovative Solutions Limited)	100.00%	Full Consolidation
Motherson Machinery and Automations Limited (held by Samvardhana Motherson Innovative Solutions Limited)	100.00%	Full Consolidation
Samvardhana Motherson Auto System Private Limited (held by Samvardhana Motherson Innovative Solutions Limited)	100.00%	Full Consolidation
Motherson Sintermetal Technology B.V. (held by Samvardhana Motherson Innovative Solutions Limited)	100.00%	Full Consolidation
Motherson Invenzen XLab Private Limited	100.00%	Full Consolidation
Motherson Technology Services Limited	90.40%	Full Consolidation
Motherson Technology Services USA Limited (held by Motherson Technology Services Limited)	100.00%	Full Consolidation
Motherson Technology Services Gmbh (held by Motherson Technology Services Limited)	100.00%	Full Consolidation
Motherson Technology Services SG PTE. Limited (held by Motherson Technology Services Limited)	100.00%	Full Consolidation
Motherson Technology Services Kabushiki Gaisha (held by Motherson Technology Services SG PTE. Limited)	85.71%	Full Consolidation
Motherson Technology Service Mid East FZ-LLC (held by Motherson Technology Services Limited)	100.00%	Full Consolidation
Motherson Technology Services United Kingdom Limited (held by Motherson Technology Services Limited)	100.00%	Full Consolidation
Motherson Auto Engineering Service Limited (held by Motherson Technology Services Limited)	100.00%	Full Consolidation
Samvardhana Motherson Health Solutions Limited (held by Motherson Technology Services Limited)	100.00%	Full Consolidation
SMI Consulting Technologies Inc. (held by Motherson Technology Services Limited)	100.00%	Full Consolidation
Motherson Technology Services Spain S.L.U. (held by Motherson Technology Services Limited)	100.00%	Full Consolidation
Samvardhana Motherson Virtual Analysis Limited (held by Motherson Technology Services Limited)	100.00%	Full Consolidation
SAKS Ancillaries Limited (held by Samvardhana Motherson Innovative Solutions Limited)	98.32%	Full Consolidation
Samvardhana Motherson Hamakyorex Engineered Logistics Limited	50.00%	Full Consolidation
Motherson Techno Tools Limited (held by Samvardhana Motherson Innovative Solutions Limited)	60.00%	Full Consolidation
Motherson Techno Tools Mideast FZE (held by Motherson Techno Tools Limited)	100.00%	Full Consolidation
Motherson Molds and Diecasting Limited (jointly held by the Company and CTM India Limited)	71.00%	Full Consolidation
Motherson Air Travel Agencies Limited	74.00%	Full Consolidation
CTM India Limited	41.00%	Full Consolidation
Fritzmeier Motherson Cabin Engineering Private Limited 2	100.00%	Full Consolidation
CIM Tools Private Limited	55.00%	Full Consolidation
Aero Treatment Private Limited (held by CIM Tools Private Limited)	83.00%	Full Consolidation
Motherson Automotive Giken Industries Corp Ltd.	50.00%	Full Consolidation

Company Name	SAMIL Ownership	Consolidation Approach
(held by MSSL Japan Limited)		
Motherson Electronic Components Pvt. Ltd (held by Samvardhana Motherson Innovative Solutions Limited)	100.00%	Full Consolidation
Hubei Zhengao PKC Automotive Wiring Company Ltd. (held by PKC Group APAC Limited)	40.00%	Equity Method
AES (India) Engineering Limited (held by Samvardhana Motherson Innovative Solutions Limited)	26.00%	Equity Method
Kyungshin Industrial Motherson Private Limited	50.00%	Equity Method
Calsonic Kansei Motherson Auto Products Private Limited	49.00%	Equity Method
Ningbo SMR Huaxiang Automotive Mirrors Co. Ltd. (through SMR Automotive Mirror Systems Holding Deutschland GmbH)	50.00%	Equity Method
Eissmann SMP Automotive Interieur Slovensko s.r.o (through SMP Deutschland GmbH)	49.00%	Equity Method
Motherson Sumi Wiring India Limited	33.43%	Equity Method
Anest Iwata Motherson Coating Equipment Private Limited (through Samvardhana Motherson Innovative Solutions Limited)	49.00%	Equity Method
Anest Iwata Motherson Private Limited (through Samvardhana Motherson Innovative Solutions Limited)	49.00%	Equity Method
Marelli Motherson Automotive Lighting India Private Ltd.	50.00%	Equity Method
Marelli Motherson Auto Suspension Parts Pvt Ltd	50.00%	Equity Method
Valeo Motherson Thermal Commercial Vehicles India Ltd	49.00%	Equity Method
Matsui Technologies India Limited	50%-1share	Equity Method
Frigel Intelligent Cooling Systems India Private Limited (held by Matsui Technologies India Limited)	25.00%	Equity Method
Nissin Advanced Coating Indo Co. Private Limited (through Samvardhana Motherson Innovative Solutions Limited)	49.00%	Equity Method
Motherson Bergstrom HVAC Solutions Private Limited	50.00%	Equity Method
Motherson Auto Solutions Limited (through Samvardhana Motherson Innovative Solutions Limited)	66.00%	Equity Method
Youngshin Motherson Auto Tech Limited 3	50.00%	Equity Method
Lauak CIM Aerospace Private Limited (through CIM tools Private Limited)	49.99%	Equity Method

Source:Company FY2023

Note: ICRA has considered the consolidated financials of SAMIL while assigning the ratings.

ANALYST CONTACTS

Shamsher Dewan
+91 124 4545328
shamsherd@icraindia.com

Srikumar Krishnamurthy
+91 44-45964318
ksrikumar@icraindia.com

Rohan Kanwar Gupta
+91 124 4545 808
rohan.kanwar@icraindia.com

Debadrita Mukherjee
+91 124 4545 394
debadrita.mukherjee@icraindia.com

RELATIONSHIP CONTACT

L. Shivakumar
+91 22 6114 3406
shivakumar@icraindia.com

MEDIA AND PUBLIC RELATIONS CONTACT

Ms. Naznin Prodhani
Tel: +91 124 4545 860
communications@icraindia.com

Helpline for business queries

+91-9354738909 (open Monday to Friday, from 9:30 am to 6 pm)

info@icraindia.com

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ICRA Limited

Registered Office

B-710, Statesman House, 148, Barakhamba Road, New Delhi-110001
Tel: +91 11 23357940-45

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