

## CORPORATE LEVEL AWARDS -

- Excellence in Exports
- Excellence in NPDD & Localization (NPDD- New Product Design & Development)

## PLANT LEVEL AWARDS-

- Excellence in Exports
- Excellence in NPDD & Localization (NPDD - New Product Design & Development)
- Excellence in Sustainable Business
- Excellence in Manufacturing
- Excellence in Digitalization



**TECHNOLOGY SUMMIT 2023**  
Gearing Up for Carbon Neutrality & Sustainability



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# ACMA Atmanirbhar Excellence Awards 2022



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Dy. Executive Director, ACMA

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Assistant Director, ACMA

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## Chairman's Message ACMA – Skilling & Mentoring

Dear Reader,

I am happy to share with you the Volume 16 - Issue 1 of IMPACT, ACMA Atmanirbhar Excellence Award Special Issue. Excellence is achieved when one continuously strives to outperform self and others, setting new benchmarks (in manufacturing, quality, quantity, technology, digitalization, new product development etc) and we at ACMA are recognizing it and rewarding those industry stalwarts, for last fifty-six years by awarding them with "ACMA Atmanirbhar Excellence Award (nee ACMA Awards)". I congratulate all those who have won and excelled in year 2022. I extend my warm wishes to all the participating companies, who must have learnt a lot, during the evaluation process. These awards will be conferred at the annual 8th ACMA Technology summit at New Delhi. I am confident that these component manufacturers' will continue this upward trend in their respective field and will keep on scaling newer heights with each passing year. I applaud my ACMA Award team also, for flawless completion of this whole process and making it 100% digital.

In memory of our Mentor, Guru and Guide (late) Mr. C Narasimhan, a visionary and pioneer for Quality movement in India who relentlessly worked for making Indian Supply chain globally competitive, ACMA instituted a special award from 2021 onwards – "C Narasimhan Corporate Excellence Award". I extend my warm wishes to the recipient organization of this award for 2022.

The theme we adopted this year for the 8th ACMA Technology Summit & Awards 2022, scheduled at New Delhi on 6th March 2022, is "Gearing Up for Carbon Neutrality & Sustainability". As the world grapples with the implications of climate change, the need for carbon neutrality and sustainability has become intensely urgent. Now, the responsibility is on to us as individuals, organizations and governments to make some structural and fundamental changes in the whole manufacturing ecosystem, that can help to reduce carbon footprint, preserve natural resources and promote a healthier planet for future generations. Achieving carbon neutrality requires two prong strategy – reducing emissions and offsetting any remaining emissions through carbon capture, afforestation and reforestation. Sustainability, on the other hand include economic and social issues apart from environmental concerns. Sustainable practices will need – gender equality, safety for all, governance, and ethics, reducing energy consumption, minimizing waste and pollution, using resources efficiently, and supporting equitable and just economic systems. ACMA Technology Summit is a perfect platform, wherein various stakeholders – policy makers, OEMs, component manufacturers, academic institutions, technology firms will share their vision and thoughts for the challenges that lies ahead, as well as the way forward for a sustainable planet for present and future generations. This day will definitely give you ideas which will encourage you to contribute your bit in making the planet clean and green.

We at ACMA Skilling and Mentoring, are contributing in our own way for the environment and planet, wherein, my team of talented engineers and technical experts are continuously engaged in designing new programs incorporating sustainable manufacturing topics in our various cluster programs and projects. We have recently launched a program on – "Environment, Social and Governance" and I am pleased to share it is very well received by automotive industry. Also, the 1st Cluster of four companies is about to complete 18 months journey of "Sustainable Manufacturing Practices" and all companies have achieved remarkable results with carbon footprint reduction of nearly 2000 metric tons. Pillar – 3 team is also, sensitizing industry members regarding its importance. Apart from all our regular programs – Lean manufacturing, Zero Defect Quality, Engineering Excellence, this team is incorporating programs on newer topics – robotics & automation and Equipment Maintenance for improving overall plant efficiency levels. ACMA Center of Excellence, is regularly conducting virtual & physical programs on various topics – Safety, Innovation, Quality, mechatronics, to equip industry members with newer skills. Turnaround project, is getting extremely good response and companies who have enrolled have been immensely benefitted by it.

I am sure you will take advantage of all the above opportunities and will be part of all our future endeavor.

I wish you all a happy learning and look forward to receiving your feedback on our publication to improve it further.

**Best Wishes**  
**FR Singhvi**





# ACMA Atmanirbhar Excellence Awards Overview

## Jury Chairman

ACMA Awards Jury Chairman is President of SIAM

### ACMA Awards Jury Chairman since 2012

|         |  |
|---------|--|
| 2022    | <b>Mr. Vinod Aggarwal</b><br>President, SIAM and MD & CEO,<br>VE Commercial Vehicles Limited (VECV)                |
| 2020-21 | <b>Mr. Kenichi Ayukawa</b><br>President, SIAM and<br>Managing Director & CEO<br>Maruti Suzuki India Ltd.           |
| 2017-19 | <b>Rajan Wadhera</b><br>President–Automotive Sector &<br>Member Group Executive Board,<br>Mahindra & Mahindra Ltd. |
| 2016-17 | <b>Abhay Firodia</b><br>Chairman, Force Motors Ltd.  |
| 2014-16 | <b>Vinod K Dasari</b><br>Managing Director, Ashok Leyland Ltd.   |
| 2012-14 | <b>Vikram Kirloskar</b><br>Chairman, Toyota Kirloskar Motors Ltd.  |

## ACMA Award Categories

Excellence in Exports

Excellence in New Product Design &  
Development (NPDD) and Localization

Excellence in Sustainable Business

Excellence in Manufacturing

Excellence in Digitalization

| Sr. No. | Company / Group Sales Turnover   | Category                                   |                        |                     |
|---------|--|--|------------------------|---------------------|
|         | (April 2021 to March 2022)   | SME (Small & Medium Enterprises Category ) | Large Category         | Very Large Category |
|         |  | Up to INR 250 Cr                           | > INR 250 Cr to 500 Cr | > INR 500 Cr        |
|         | (A1) CORPORATE LEVEL AWARDS  |  |                        |                     |
| 1       | C. Narasimhan Corporate Level Awards Excellence in Export              | Not Applicable                             | Applicable             |                     |
| 2       | C. Narasimhan Corporate Level Awards Excellence in NPDD & Localization |  |                        |                     |

| (A2) PLANT LEVEL AWARDS |   |                  |  |                        |
|-------------------------|---|------------------|--|------------------------|
| Sr. No                  | Company / Group Sales Turnover  | SME              | Large Category   | Very Large<br>Category |
|                         | (April 2021 to March 2022)  | Up to INR 250 Cr | > INR 250 Cr to<br>500 Cr  | > INR 500 Cr           |
| 1                       | Excellence in Exports   | Applicable       | Plants are eligible to apply under said<br>category only if company has not<br>applied under same categories through<br>Corporate Level Awards |                        |
| 2                       | Excellence in New Product Design &<br>Development (NPDD) and Localization | Applicable       |  |                        |
| 3                       | Excellence in Sustainable Business  | Applicable       | Applicable   | Applicable             |
| 4                       | Excellence in Manufacturing   | Applicable       | Applicable   | Applicable             |
| 5                       | Excellence in Digitalization  | Applicable       | Applicable   | Applicable             |

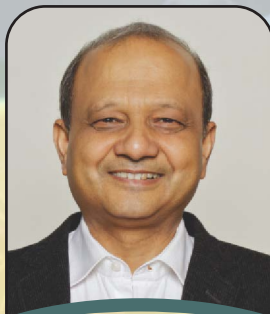


# Eminent Jury Panel



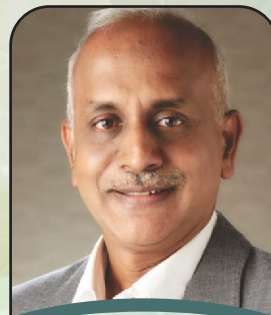
**Mr. Sunil Kakkar**

Sr. Executive Director-Supply chain  
Maruti Suzuki India



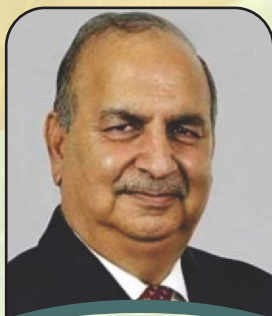
**Mr. Vinod Aggarwal**

President, SIAM and MD & CEO,  
VE Commercial Vehicles Limited (VECV)



**Mr. Sundar**

Asst Vice President, Unit Head,  
HMIL Procurement - Hyundai



**Mr. Rajesh Uppal**

Member Executive Board  
(HR, IT & Safety)  
Maruti Suzuki India



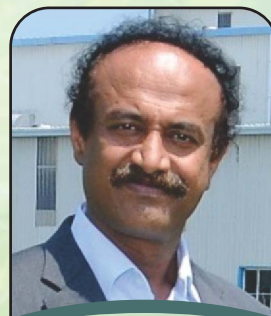
**Mr. Vipin Kaul**

Purchasing Leader-Cummins  
India ABO - Cummins India



**Ms. Angela Mans**

Head of Foreign Trade and  
International Relations  
VDA



**Mr. Raju Ketkale**

Executive Vice President  
Toyota Kirloskar Motors



**Mr. MR Anandakrishnan**

Sr. VP (Purchase)  
TVS Motors



**Mr. V. Sridhar**

Senior Director, Purchase  
Honda Motorcycle & Scooter India



**Mr. Ganesh Mani S.**

President & COO  
Ashok Leyland



**Mr. B. Srinivas**

SExecutive Vice President -  
Product Strategy and Purchasing  
VE Commercial Vehicles

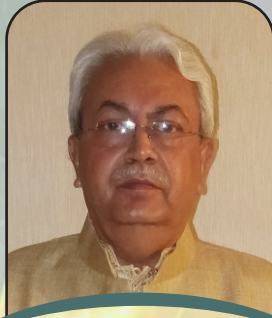
Thank You  
Jury



# ACMA Atmanirbhar Excellence Award Assessors



**Mr. A S Ruikar**



**Mr. Ahin Bhatt**



**Mr. Anil Karmarkar**



**Mr. Anil V. Trivedi**



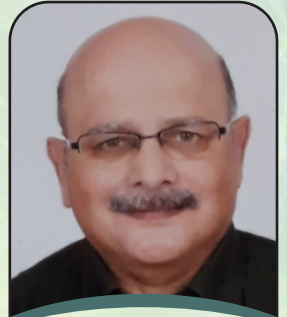
**Mr. Anjani Vikram Gupt**



**Mr. Ashok Kumar P L**



**Mr. B C Kumar**



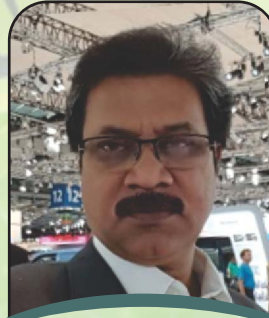
**Mr. B G Ogale**



**Mr. Deepak Agarwal**



**Mr. Deepak Bharadwaj**



**Mr. G Venkatesulu**



**Mr. G. N. Sridhar**



**Mr. Harish Bedi**



**Mr. Jitendra Mathur**



**Mr. Manoj Tandon**



**Mr. Hemant Shidaye**



# ACMA Atmanirbhar Excellence Award Assessors



**Mr. Mayank Gupta**



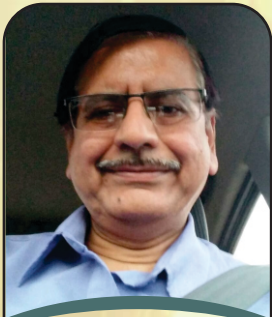
**Mr. P. Y. Deo**



**Mr. Prabir Mandal**



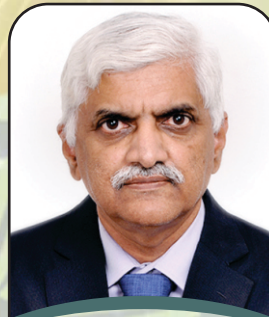
**Mr. Prakash Avachat**



**Mr. Rajiv Deshpande**



**Mr. S. Balachandran**



**Mr. Sanjeev Walvekar**



**Mr. Shyam Narayan Sharma**



**Mr. Sharadchandra  
Balkrishna Gokhale**



**Mr. Surendra Gadgil**



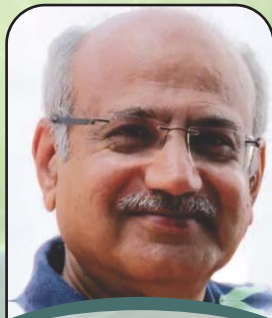
**Mr. T R Narasimhan**



**Mr. Thiagarajan V**



**Mr. P Kannan**



**Mr. Sanjay Gupte**



**Mr. Noor Hasan**



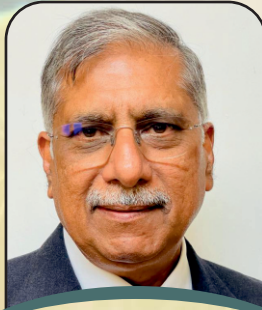
**Mr. R. Kowsikan**

*Thank You Assessors*





**Mr. Vinnie Mehta**  
Director General,  
ACMA



**Mr. F. R. Singhvi**  
Chairperson  
Education, Skilling & Mentoring - ACMA



**Mr. Dinesh Vedpathak**  
CEO - Skilling & Mentoring, ACMA



**Mr. Girish Govande**  
Head - Supply Chain Engagement  
ACMA



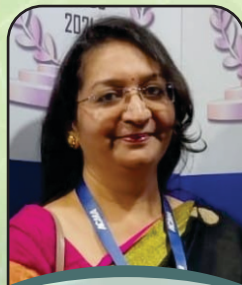
**Mr. Sunil Mutha**  
Dy. Executive Director  
ACMA



**Ms. Raginee Singh**  
Director  
ACMA



**Mr. Vinayak Shrotri**  
Expert - Supply Chain Engagement  
ACMA



**Ms. Smita Kulkarni**  
Asst. Director  
ACMA



**Mr. Ramesh Thorat**  
Expert Cluster Program  
ACMA



**Mr. Sonu Rawat**  
Executive Officer  
ACMA





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## *Leaders In Cold Forged Fasteners*

Thriving on unparalleled Technology Advancement & the unrivaled know-how in manufacturing, Super Screw offers a vast array of products i.e approx 6000. The fasteners that the company manufactures range from M3 to M27, with availability in varying diameters, hardness grades, lengths, and conformance to IS, DIN, JIS, ASTM and BS.

Company since 1976 is a leading supplier to OEM's across all diverse sectors from Automobile to Engineering to construction to FMCG Companies.

Product Range includes-Nuts: M3-M24 in different types, Bolt: M3-M27, Length upto 500mm (1st Manufacturer in India with this technology) & Self-tapping Screws : M3-M8, All types: No. 2-No.14 Machine Screws : M3-M24 & with all types of special screws with spring washers and plain washers.

In addition to our premier fastener range we also manufacture carbon, alloy and stainless steel components.

Company is also one of the largest manufacturer of CHQ Wires in all Grades & Range : 4mm-30mm. & also in Special Grades : Boron, 1541, 4135 & 4140.

**IATF 16949 2016 | ISO 9001 2015 | ISO 14001 2015 ISO 45001 2018 Certified Company**

**Corporate Office :** Plot No. 145, Sector- 24, Faridabad - 121005, HARYANA (INDIA).

**Toll Free No:** 18001801145 | **E-mail :** care@superscrews.com

### **Plant Locations**

#### **Faridabad**

Plot No. 96, Sector- 24  
Faridabad - 121005  
(HR)- India

#### **Palwal**

72 Mile Stone, Delhi Agra  
Highway, NH-2, Palwal  
Hodal - 121106, (HR)- India

#### **Bawal**

Plot No. 120-130, Sector - 7  
Growth Centre Bawal - 122501  
(HR)- India

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## Company / Plant Name & Location

**Abilities India Pistons & Rings Ltd. (GT Road Giani Border Ghaziabad UP-201006)**

▶ **Mr. Sunil Arora, Managing Director**

**Category : SME**

**Company Information:** Abilities India Pistons & Rings Limited -- a renowned name in Piston & Piston Ring manufacturing Established in the year 1968. AIP have certification of ISO 9001:2015, IATF 16949:2016, ISO 140001:2015 & ISO 45001:2018



AIP has manufacturing facilities for **PISTONS & PISTON RINGS** for the lawn & garden segment as well 2 & 4 stroke engines for automotive segment. AIP have manufacturing facility of other machine parts e.g. **Al cylinders & covers** as well.

Pistons are made by **GDC** as well as **HPDC** processes & also there is an **Electroless Nickel Plating** facility as well for **FLEX FUELS**.

### Valued Customers :

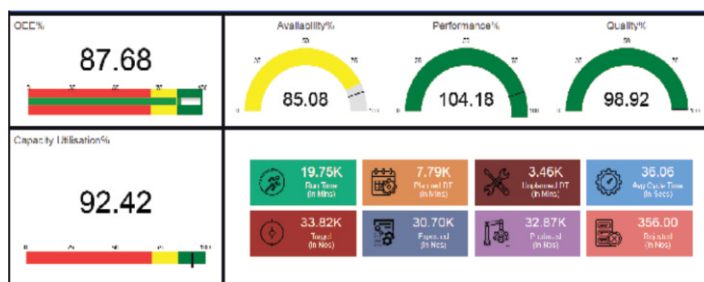


### Company Strengths:

- Innovative company with 2 patents (PDC Pistons & Electroless Ni Plating).
- Focus in sustainable manufacturing, Working on Resource efficiency, Circular Economy, Reuse & recycle of natural resources e.g. (Renewable energy, Zero liquid discharge, Yield improvement & waste elimination)
- Industry 4.0 compliant processes, focus towards digitalization.
- Employee empowerment through Kaizen, SGA, Poka-yoke & suggestions.
- Low cost automated process with auto inspection & correction.
- Fatigue free processes with inbuilt Poka Yoke.
- World class housekeeping in Genba including Foundry & visual controls in shop floor.

### We won Bronze in Excellence in Sustainable Business category as we have:

- AIP Focus in sustainable manufacturing.
- AIP working on Resource efficiency & Circular Economy.
- AIP reuse & recycle of natural resources like water, raw material etc.
- AIP focus on renewable energy, zero liquid discharge, yield improvement & waste elimination.







## Company / Plant Name & Location

**ALP Aeroflex India Pvt Ltd, Plot No: E 26-29, MIDC Satpur, Taluka & District: Nashik 422007, Maharashtra, India**

► **Mr. Pawandeep Singh Anand, Managing Director**

**Category : SME**

### Company Information:

**Our Mission:** To be market leader in Plastic Moulded Products by providing innovative, high quality & safe products leading to brand equity, creation of shareholders wealth and employee satisfaction in a sustainable way.

**Our Vision:** To achieve a turnover of 200 Crores in next upcoming financial years, focusing on innovative products, customer satisfaction, employee motivation and shareholder wealth.

### Company Strengths:

- Developed globally First time blow molded hardtop canopy for automotive application.
- Modern R&D centre with NABL accreditation for all kind of testing of rubber and plastics.
- Corona robotic surface treatment process for PP material to improve surface dyne value.
- DWM for Effective and smooth daily work management.
- Dexterity center to upgrade skill level of employees through continual technical & behavioral trainings.
- Controlled temperature and humidity chamber for curing of PU based sealant with PP material.
- Complete manufacturing process interlink with barcode identification and traceability system.
- Established Poka yoke for entire process to arrest any kind of manual human errors.
- Design & development of freedom hardtop canopy, footsteps, medical bed panels, bed liners.
- Zero customer PPM from last 2 years.
- Policy for suggestion & kaizen compulsory for each employee with 100% adherence.
- To motivate for good work reward & recognition to employees.
- Quality, Environment and safety compliance as per ISO standards.
- Certification of ISO 9001, IATF 16949, ISO 14001 and ISO 45001
- "Accepting No Limit" & "Special Appreciation Award" from customer M&M.
- CII Award for zero defect champion, Achieving zero defect through Poka Yoke.
- "Special appreciation award" from ACMA for manufacturing in NPDD and localization.

### We won certificate of appreciation in NPDD & Localization CATEGORY as we have:

- Experienced and competent team leaders and engineers.
- Continual improvement in product and process to meet customer requirement.
- Continual improvement reduction of PPM, Zero PPM at customer, Job Per Hour improvement from 4 to 7, excellent grade customer rating.
- Manufacturing process controlled through poka yoke to eliminate human error.
- Skilled, trained and motivated employees.
- Management support and review mechanism.
- Future readiness with new design and development of various products.
- Expansion of business starting with new process and new machines.
- Maintaining high level of safety and sustainability in all the processes.

### Your views on ACMA Awards process and how it is helping your company to improve further :

- ACMA Award registration process simple to understand.
- Online questionnaire available and easy to fill and updating of supporting documents.
- Online assessment facility.
- Experience faculty for assessment and valuable suggestion given for the improvement.







## ASAL

Automotive Stampings and Assemblies Limited

A TATA Enterprise

### Company / Plant Name & Location

**Tata AutoComp Systems Ltd, Plant Automotive Stampings and Assemblies Limited, Chakan, Pune**

▶ Mr. Jitendraa Dikshit, CEO

Category : Very Large

**Company Information:** Automotive Stampings and Assemblies Limited ( ASAL ) is listed company of Tata AutoComp Systems Limited . ASAL manufacture and supplies sheet metal components, welded assemblies and module assemblies for passenger vehicles, commercial vehicles, 2&3 Wheelers, Off Road & Industrial segment. Product range includes Body-In-White (BIW) structural panels, Skin panels, Fuel tanks, Rear Twist Beam, Oil sumps , Suspension parts & Heavy Fabrication parts.

Some of the Industry leaders and prestigious companies are our customers like Tata Motors Limited, Fiat, Piaggio, Ashok Leyland , JCB , Tata Hitachi to name a few.

ASAL has diversified its product portfolio & successfully introducing new products required in Electric Vehicle segment e.g. Battery Trays, Battery Cooling tubes etc . Separate dedicated facility is made for manufacturing of these products.

**Company Strengths:** In Bullet points (manufacturing process strength, best shop floor practices, unique features, Technology, employee morale etc)

- Part of Tata AutoComp Systems Limited
- Flexibility in demand fluctuations
- Development of new technology products for EV
- Expertise in stamping , robotic spot & MIG welding
- Dedicated tool room facility
- Capable Engineering team for new product development

**We won ACMA Silver in Excellence in Sustainable Business as we have:**

- ASAL is Tata Group company & we are responsible to deliver the commitment for sustainability.
- Employees are encouraged to participate in sustainability initiatives with identification of sustainability requirements for each function & employees.
- Followed PDCA approach for deployment of sustainability drives.
- Investment done on priority for committed projects.
- Regular reviews for progress & microlevel monitoring of activities planned.
- Started assessment of sub suppliers for their engagement in sustainability drive
- Taken efforts for reducing the Overall Carbon footprint with awareness in employees, implementation of projects etc.

**We won Bronze in Excellence in Export as we have:**

- Dedicated export team
- Robust planning team & process to take care of 100% schedule adherence.
- Capable Quality & manufacturing team to deliver 100% okay parts.
- Enthusiastic development team to grow export opportunities.

**Your views on ACMA Awards process and how it is helping your company to improve further:**

- ACMA award process has increased awareness in all employees for categories participated.
- Site assessment process has given valuable inputs from assessors which are helping in improving performance.
- Expertise of assessors has given new ideas, thought process in improving processes further .
- Assessment also helped to identify opportunities for improvements & action planning on same to do better.







**BOSCH**

Company / Plant Name & Location

**Bosch Limited, Nashik**

▶ **Mr. Anantharaman B, Technical Plant Manager**

**Category : Very Large**

### Company Information:

Nashik Plant (NaP) was set up in 1972. It is now of the important establishments in India and celebrates 50 successful years of operations in 2022.

The plant is spread over more than 100 acres of land with 4 manufacturing hangars. The Plant is ISO 14000, ISO 50001 and IATF16949:2016 certified. It specializes in state of art manufacturing of high pressure injectors, nozzles for conventional and new generation diesel injection systems that have been widely accepted by customers in India, Europe, USA, Asia and rest of the world.

### Company Strengths:

- Precision Manufacturing
- Business Excellence
- People and Customer Centricity

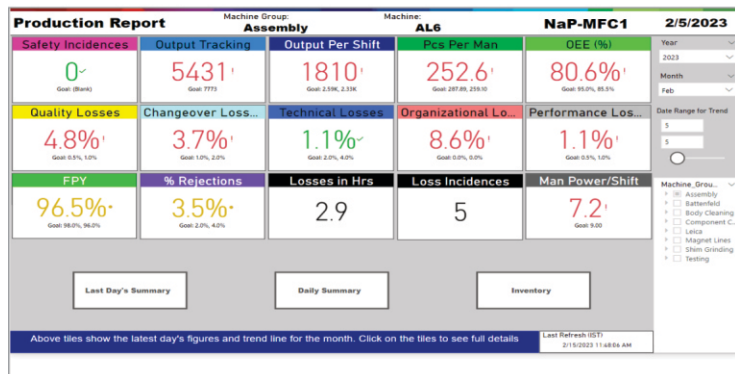
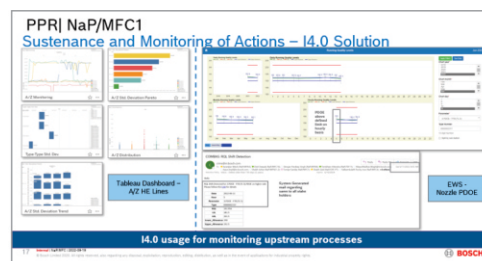
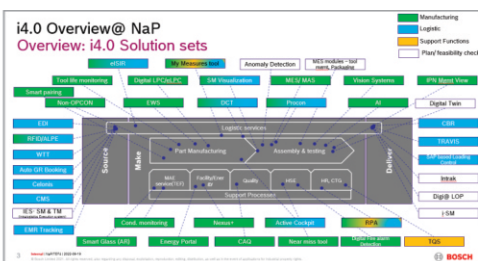
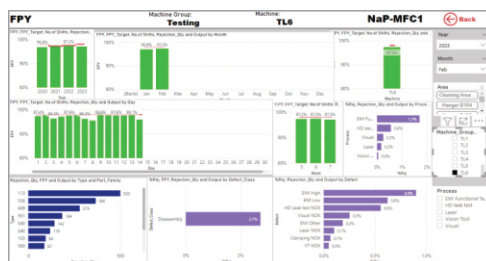


### We won Silver in Excellence in Digitalization as we have:

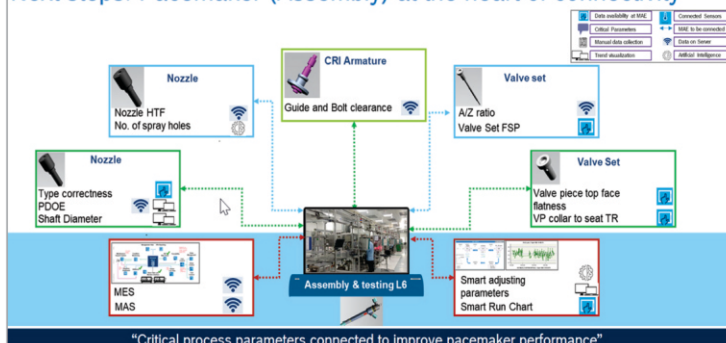
- Strong Ecosystem to drive digitalization
- Competent people
- Clear Vision and Roadmap for Digitalization

### Your views on: ACMA Awards process and how it is helping your company to improve further :

- With site assessment we have cross learnings
- We have expert inputs/insights as they have good experience
- One suggestion , it would further help if the assessment could be planned physically.



### Next steps: Pacemaker (Assembly) at the heart of connectivity







## Company / Plant Name & Location

**Continental Automotive Brake systems (I) pvt. Ltd. IMT Manesar Gurgaon**

► **Mr. Anudeep Garg, Plant Manager**

**Category : Very Large**

**Company Information:** Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic, and transportation. In 2021, Continental generated sales of €33.8 billion and currently employs more than 190,000 people in 58 countries and markets. On October 8, 2021, the company celebrated its 150th anniversary.

**Today the technology company operates across India** – with about 9000 employees across 13 locations, including seven plants that cater to the Indian market, and a Technical Center that supports global R&D. Although the first Indian legal entity, Continental Automotive Components India Pvt Ltd, was established in 2008, the German conglomerate has been present in India for close to 50 years, through technology partnerships (Continental Tires since 1974) and joint ventures for its various businesses.

Continental is committed to India and has focused on localizing its entire value chain in the country, starting from local business development to engineering, from local purchasing to manufacturing. The company has manufacturing locations in Bangalore, Gurgaon, Manesar, Pune, Modipuram, Sonapat, and Kalyani. The company is represented by several strong business areas across the Automotive, Tires, and ContiTech Groups Sectors.

Continental Automotive Brake systems (I) Pvt. Ltd. Situated at IMT Manesar Gurgaon. This plant was set up in 2014 & facility was set up to produce Hydraulic brake systems for the passenger vehicles. In 2016 facility was set up to manufacture Electronic Brake Systems (ABS/ESC) for passenger cars & in 2019 facility was set up to manufacture Electronic Brake systems

Continental Automotive India is certified for IATF 16949 : 2016 Quality Management Systems and ISO 14001:2015 Environmental Management Systems.



**Company Strengths:** In Bullet points (manufacturing process strength, best shop floor practices, unique features, Technology, employee morale etc.)

- State of the art Manufacturing facility with class 9 clean room facility.
- Connected machines
- Automatic optical Inspections
- Dedicated teams for digitalization projects, which includes shop floor supervisors also.
- Robotic Inspection
- Smart Poka Yoke
- End to End Traceability
- Motivated teams
- Usage Additive manufacturing
- Usage of Augmented reality

**We won Certificate of Appreciation in Digitalization as we have:**

- Digitalization from shop floor to Top Floor
- Advanced Robotic systems
- Smart optical Inspection system
- Digitalization not only on shopfloor, but in Office (HR / Purchase / QA/ SQM)
- Additive Manufacturing use cases
- Augmented reality use cases

**Your views on ACMA Awards process and how it is helping your company to improve further :**

In my point of view ACMA Award process is supporting the organizations to do gap analysis, where to improve. As a third party audit is done on the base of the facts so, as an organization we get a chance to learn. Over all it was a good experience to look further into future opportunities in term of digitalization & continuously improve our processes.







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**Company / Plant Name & Location**  
**Dana Anand India Pvt Ltd, Satara**

► **Mr. Mahendra Goyal (Managing Director) | Mr. Vikas K (Plant Head)**

**Category : Very Large**

**Company Information:** (in brief along with, Products, Customer names) Dana Anand India Private Limited, established in 1993, is a leading supplier of axles, driveshafts (also known as propeller shafts), drivetrain products and genuine service parts. Dana Anand India Private Limited is a joint

venture between Dana Incorporated, USA, a world leader in axles, driveshafts, structural sealing and thermal-management products, and ANAND, India. The Company provides complete system solutions to OEMs and the related aftermarket in India. Dana Anand India Private Limited is also a major exporter to Dana Holding Corporation, USA. DAIPL Satara facility was established in year 1996, and is in the assembly of Driveshaft.

**Customer Base :** DAIPL Satara Is offering the products to prestigious customers name – Tata Motors, Daimler India Commercial Vehicles, Eicher, Caterpillar, Mahendra, Ashok Leyland for Domestic customer and Isuzu for Export.

**Company Strengths:** In Bullet points (manufacturing process strength, best shop floor practices, unique features, Technology, employee morale etc.)

- Manufacturing Process : Driveshaft UJ Kit Bearing Cup Assembly with Fully automated assembly process
- Best Shopfloor Practices : Safety Focussed approach for Zero tolerance under 7 Life Safety Rules ( Energy Isolation, Machine Guarding, Working at Height, Powered Industrial Vehicles, Electrical Safe Work practices, confined Safe)
- Unique Features : Anand OE Module – A specially designed OE Module which is based on the Foundation of Diversity & Inclusion, Regional Mix, Growth Opportunities.
- Technology : First in Indian Market to launch the Aluminum Driveshaft.
- Employee Morale : Special Recognition from Great Place to Work Institute : 2020 : Top 30 in Manufacturing Sector.
- Offering Career and not just job along with Creating pool of SME on shopfloor



| Key-Performance-Indicators-(KPI)  |   |  |  |
|---|---|--|--|
| <b>Corporate Reports</b> <ul style="list-style-type: none"> <li>Operations - Monthly Summary</li> <li>KPI Detail MTD</li> <li>Operations - Daily Metrics Summary</li> <li>Operations - Monthly Metrics Summary</li> <li>Operations - Monthly Plan/Actual Comparison</li> <li>Operations - Full Year Facility Summary</li> <li>Operations - Full Year COPO Facility/KPI Report</li> <li>Operations - COPO Monthly Detail Report</li> <li>Operations - COPO YTD Tasse Report</li> <li>CEO Extract</li> <li>CEO AOP Extract</li> </ul> | <b>Plant Reports</b> <ul style="list-style-type: none"> <li>Plant Daily KPI Summary</li> <li>Plant KPI Summary Report</li> <li>Historical Plant KPI Summary</li> <li>Plant/Value Stream Report</li> <li>Security By Plant</li> <li>Daily By Product Group</li> <li>Weekly By Product Group</li> <li>Weekly By Value Stream and KPI</li> <li>KPI Comparison By Plant</li> <li>A3 Business Download</li> <li>KPI Monthly Review Report</li> </ul> | <b>Rollup Reports</b> <ul style="list-style-type: none"> <li>A3 Rollup</li> <li>Monthly A3 Rollup Review</li> <li>Monthly Safety Rollup</li> </ul> | <b>Data Validation/Signoff</b> <ul style="list-style-type: none"> <li>Data Verification</li> <li>Data Verification Report</li> </ul> |
| <b>Aftermarket</b> <ul style="list-style-type: none"> <li>Aftermarket Report</li> </ul>   |   |  |  |

We won Bronze in ACMA Atmanirbhar Excellence Awards 2022 trophy in (Bronze in EXCELLENCE CATEGORY) as we have:

- Digitalization - Under Depth of deployment of Digitalization - >95% Business process are monitored & Controlled through Digitalization
- Sustainability – Sustainable Business & Environment Practices appreciated.

Sustainable Business in Indian Market from 2 Decades & having Projection of Further 40% Increase showing us desirable road map by Management & Organization.

Your views on: ACMA Awards process and how it is helping your company to improve further

- ACMA award process was very insightful process with lot of learnings for each Pillar Owners. During the assessment, assessor shared lot of best practices which will be horizontally deployed that would help Plant KPI's movement to next level.

2022 KPI Summary for CVD - Satara, India

|   | FY 2021    | FY 2022   | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | FY 2022 Target | FY 2022 Prior | FY 2021      |
|---|------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------|---------------|--------------|
| Recordable Incident Rate (TRCR)         | 0.03       | 0.00      |     |     |     |     |     |     |     |     |     |     |     |     | 0.00           | 0.00          | -            |
| Recordable Cases                        | 1          | 0         |     |     |     |     |     |     |     |     |     |     |     |     | 0              | 0             | -            |
| Lost Time Incident Rate                 | 0.00       | 0.00      |     |     |     |     |     |     |     |     |     |     |     |     | 0.00           | 0.00          | -            |
| Lost Time Recordable Cases              | 0          | 0         |     |     |     |     |     |     |     |     |     |     |     |     | 0              | 0             | -            |
| Severity Rate                           | 0.0000     | 0.0000    |     |     |     |     |     |     |     |     |     |     |     |     | 0.0000         | 0.0000        | -            |
| External Customer PPM                   | 4.2        | 0.0       |     |     |     |     |     |     |     |     |     |     |     |     | 15.2           | 15.2          | 15.2         |
| External Customer Incidents             | 1          | 0         |     |     |     |     |     |     |     |     |     |     |     |     | 3              | 3             | 3            |
| External Customer IPM                   | 4.2        | 0.0       |     |     |     |     |     |     |     |     |     |     |     |     | 7.6            | 7.6           | 25.4         |
| Internal Customer PPM                   | 0.0        | 0.0       |     |     |     |     |     |     |     |     |     |     |     |     | -              | -             | -            |
| Internal Customer Incidents             | 0          | 0         |     |     |     |     |     |     |     |     |     |     |     |     | 3              | 3             | 3            |
| Internal Customer IPM                   | 0.0        | 0.0       |     |     |     |     |     |     |     |     |     |     |     |     | -              | -             | -            |
| Scrap as a Percentage of Sales          | 0.416      | 0.004     |     |     |     |     |     |     |     |     |     |     |     |     | 0.401          | 0.401         | 0.42         |
| Conv. Cost \$/Hr                        | 10.57      | 18.05     |     |     |     |     |     |     |     |     |     |     |     |     | 1,180.47       | 1,180.47      | 1,080.07     |
| Productivity %                          | 86.3       | 86.2      |     |     |     |     |     |     |     |     |     |     |     |     | 86.3           | 86.3          | 86.7%        |
| OEE %                                   | 86.4       | 87.9      |     |     |     |     |     |     |     |     |     |     |     |     | 86.6           | 86.6          | 86.7%        |
| On Time Delivery - OEM                  | 98.26      | 98.74     |     |     |     |     |     |     |     |     |     |     |     |     | 97.50          | 97.50         | 97.25        |
| On Time Delivery - Aftermarket          | -          | -         |     |     |     |     |     |     |     |     |     |     |     |     | -              | -             | -            |
| On Time Delivery - Internal             | 95.74      | 96.43     |     |     |     |     |     |     |     |     |     |     |     |     | 95.00          | 95.00         | 95.25        |
| Transportation as a Percentage of Sales | 3.51       | 3.60      |     |     |     |     |     |     |     |     |     |     |     |     | 3.74           | 3.74          | 3.73         |
| Premium Freight Incidents               | 1          | 0         |     |     |     |     |     |     |     |     |     |     |     |     | 0              | 0             | -            |
| Total Paid Due as % of Sales            | 0.00       | 0.00      |     |     |     |     |     |     |     |     |     |     |     |     | 0.00           | 0.00          | -            |
| Inventory Days on Hand                  | 54.75      | -         |     |     |     |     |     |     |     |     |     |     |     |     | -              | -             | 48.87        |
| Total Inventory                         | 4,110,363  | 4,760,931 |     |     |     |     |     |     |     |     |     |     |     |     | 4,760,962      | 4,760,962     | 4,755,485.67 |
| Continuous Improvement Savings          | 144,565    | 18,249    |     |     |     |     |     |     |     |     |     |     |     |     | 142,754        | 142,754       | 134,422      |
| QOS Audit Score                         | 75         | 75        |     |     |     |     |     |     |     |     |     |     |     |     | 75             | 75            | 76           |
| Total Sales                             | 31,636,054 | 3,628,633 |     |     |     |     |     |     |     |     |     |     |     |     | 40,237,366     | 40,237,366    | 3,377,467    |
| EBIT %                                  | 1,426,567  | 141,809   |     |     |     |     |     |     |     |     |     |     |     |     | 1,606,239      | 1,606,239     | 136,808      |
| Int Customer Defective Pieces Shipped   | 0          | 0         |     |     |     |     |     |     |     |     |     |     |     |     | -              | -             | -            |
| ROIC %                                  | 3.0        | 8.8       |     |     |     |     |     |     |     |     |     |     |     |     | -              | -             | 7.4%         |
| Safety First Audits Scheduled/Required  | 126        | 27        |     |     |     |     |     |     |     |     |     |     |     |     | -              | -             | 14           |
| Safety First Audits Completed           | 125        | 27        |     |     |     |     |     |     |     |     |     |     |     |     | -              | -             | 14           |
| Safety First Findings Closure Rates     | 92         | 97        |     |     |     |     |     |     |     |     |     |     |     |     | 90             | 90            | 91.3         |
| Monthly Closed Findings                 | 403        | 26        |     |     |     |     |     |     |     |     |     |     |     |     | -              | -             | 14           |
| Monthly Total Findings                  | 437        | 29        |     |     |     |     |     |     |     |     |     |     |     |     | -              | -             | 16           |
| Safety Jukebox                          | 0          | 0         |     |     |     |     |     |     |     |     |     |     |     |     | 0              | 0             | -            |
| TSAC                                    | 100        | 100       |     |     |     |     |     |     |     |     |     |     |     |     | 100            | 100           | 100.0%       |

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## Company / Plant Name & Location

**Dana Annand India Private Limited, Jodalli**

▶ **Mr. Mahendra Goyal, Managing Director**

**Category : Very Large**

**Company Information:** Dana Annand India Ltd was established in 1993 in Dharwad for the manufacture of Axles, Drive shaft and Universal joints. The company is a joint venture between DANA Corporation, USA, and Anand group, with sales turn over exceeding US \$9.5 billion. Dana Annand India products focuses on developing products that are progressively lighter with greater torque-carrying capacities. We are also respected for offering product warranties across a million kilometres and supplying drivetrain products to domestic and international clients

DAIPL has the distinction of supplying drive shafts and drivetrain components to every manufacturer of commercial vehicles and off-road vehicles in India. Partnership approach in developing solutions has made the partner of choice for customers. System integration expertise is enhanced by a team of highly qualified application engineers, supported by Dana's Technology Centre.

Founded in  
**1993**



~426  
People

**2,40,000**  
Sq. Ft



Network of  
technical centers in  
**9** countries



**246** Machines

**22** Customers

**14** Part family

**14** Global Locations



**Company Strengths:** In Bullet points (manufacturing process strength, best shop floor practices, unique features, Technology, employee morale etc.)

- Unique Features: Anand OE Module- A Specially designed OE module which is based on the Foundation of Diversity and Inclusion, Regional mix, Growth opportunities.
- AHQ (Anand House of Quality): To identify and Establish the Best Product, Process and Equipment Technology to deliver zero defect product with Zero incidents. Objectives include Zero Defect Drive, Syncing the Industry to 4.0 to have competitive edge & Standardisation and Sustenance
- Best Shopfloor Practice: Safety focussed approach for zero tolerance under seven life safety rules (Energy Isolation, Machine Guarding, working at height, powered industrial vehicles, Electrical safe work practice, Confined safe and Contractor safety)
- DOS (Dana Operating System): Best Shop floor practice percolated such as Continual improvement culture through DOS tools such as AVIX-Standardized work, kaizen, SMED, 5S, VSM, VA-NVA, DOS 12 steps.
- TEI (Total Employee involvement): 100% Employee involvement in continual improvement.
- Sustainability: Marching towards zero footprint on earth by sustainable engineering-We are carbon neutral (100% Green Energy), Water neutral 75% and approaching towards zero waste to the landfill.
- Digitalization: Digitalization (aligned with I4.0) in Documentation to have paperless work and data security Process, Technology, HR, Manufacturing and for all innovations done and under depth of digitalization process are monitored and controlled through digitalization.

- DAIPL Behavioral Model: Speed and Commitment, Innovative and Transform, People capabilities, Learn our customers, Compliance.
- Employee Morale: Special Recognition from Great Place: Top 30 in manufacturing sector, Offering Career and not just job along with creating pool of SME on shopfloor.
- Automation: Robotized and Automated Production-DAIPL has very robust manufacturing process and incorporate with latest robotic technology for accuracy and consistency.
- Machining Dexterity: Fundamental skill training given at dexterity which helps Operating engineer to familiar with dana operating systems and hands on experience related to standardized work and which will led to zero Speed loss.
- Heijunka Production: Production Planning and Execution through Heijunka which ease material and information flow result in 100% OTIF.

### We won 5 Gold in following Excellence Category:

- Excellence in Sustainable Business.
- Excellence in Digitalization.
- Excellence in Manufacturing.
- Excellence in NPD & Localization.
- Excellence in Export.

### Your views on ACMA Awards process and how it is helping your company to improve further:

- ACMA is help us to enhance our technology, product quality, overall operations & developing healthy competitive spirit through bench marking with international standards overall process, Applications, Site assessment and it is helping us for total green and online process, applications are easy to understand and do gap analysis, assessment very useful etc.
- ACMA is the platform that makes industries aware of the best bench marked practices in various business processes. This would greatly help manufacturers to improve and migrate to the improved practices. ACMA has evaluated our business performance based on commonly used performance matrices which has helped us to understand how we can improve to global expectations. The Evaluate on has given us more in-depth insight of attributes required for progress avoiding downward trend.
- Now that we have won the GOLD award, it has made our work much more challenging as we must know, not only sustain but also improve the standards that we have set for ourselves, in our pursuit for our mission of achieving Global Exports Excellence







## Company / Plant Name & Location

**Varroc Engineering Limited, Durovalves India Pvt. Ltd, Aurangabad**

▶ **Mr. Tarang Jain (MD - Varroc Engineering Limited)**

**Category : Very Large**

**Company Information:** Varroc is a global tier-1 automotive component group. It commenced operations in India with Polymer business in 1990. Varroc design, manufacture and supply exterior lighting systems, plastic and polymer components, electrical-electronics components, and precision metallic components to passenger car, commercial vehicle, two-wheeler, three-wheeler and off-highway vehicle ("OHV") OEMs directly worldwide.

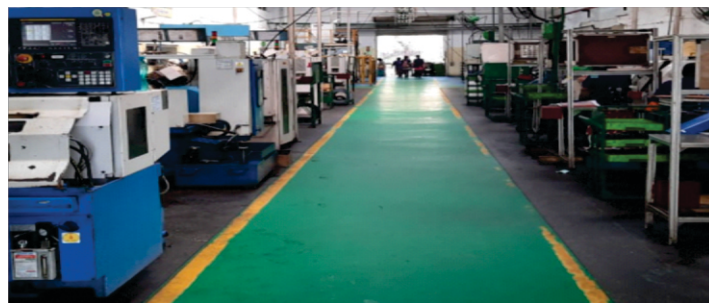
**Company Strengths:** In Bullet points (manufacturing process strength, best shop floor practices, unique features, Technology, employee morale etc.)

- State of the art R&D & Valve Manufacturing facilities.
- Technical collaboration to cultivate Technological know-how.
- Focus on continuous improvement & technology upgradation.
- Wide product range for almost every automotive segment.

## We won Certificate in NPDD & Localization as we have:

- Excellent Program Management Systems for New Projects.
- Product Design Facility based on Engine Boundary Conditions along with instrumented valves for temperature mapping.
- Dedicated & sophisticated Metallurgical Lab facility in R&D to provide support during development & post-test analysis.
- Experienced Leadership with more than 20 years of experience & Highly Motivated Team.
- Focus on Customer satisfaction through CSR implementation.
- Sincerity, Honesty, Integrity, Passion & Self-Discipline are Varroc's core values.

**Your views on:** ACMA's application process is well structured and everything which is required from participating organizations is well defined (Specific formats, questionnaire) in such a way that it guides the participating organization to review its current framework against ACMA's requirements.







Excellence in Sustainable Business  
(Silver)



## Company / Plant Name & Location

**Global Autotech Limited, Plant 2, Greater Noida**

► Dr. Navnath G Tarle, COO & VP

**Category : Large**

**Company Information:** Global Autotech Ltd is a part of Suri Group came into existence in 1985. The Group has its interests in diversified businesses like Hospitality (Hotel Lalit) Education, Car Retail, Information Technology and core Auto Component Manufacturing.

Global Autotech has its presence in Delhi NCR & Gujarat.

Global Autotech Has 3 diversified business verticals

Global Autotech also manufactures Aluminum machined Die-cast components through Squeeze & High Pressure Die Casting, Specialized precision Piston & Swash Plate, Shafts & HVAC Hose Pipe Tube Connector, Rotor & Pulleys

### Key Products: Auto Air conditioning:

Hose connectors, high-pressure aircon Hoses, Tube connectors, Magnetic Clutch Rotor, Idler Pulley, Steel Shafts, Compressor Pistons & Swash Plates for automotive AC systems for OE's. Engine, transmission, Auto components for Leading OEMS and Tier1 for Domestic and Export Market

### Die Casting:

GAL is the single source for squeeze cast setup also largest manufacturer of passenger vehicle Pan Oil & One of the major supplier of most critical Oil pump & Oil Filter components.

### Key Customers:

- Domestic- Subros, Denso, Maruti Suzuki, Tata Motors, Honda, Suzuki Motors Gujarat, Fiat
- Export- Pierburg (USA), ZF TRW, Valeo

**Company Strengths :** Our achievements are accrued to the dynamic work force of the organization, their orientation towards the customer, their zeal to learn and excel every day and their indefatigable disposition towards new challenging assignments

- Visual Management
- Daily Work Management
- Lean Manufacturing with Fully Automatic & Auto gauging Swash line.
- Balanced Score Card
- Deployment of Annual Operating Plan (AOP)
- Extensive training module through our DOJO Training centre



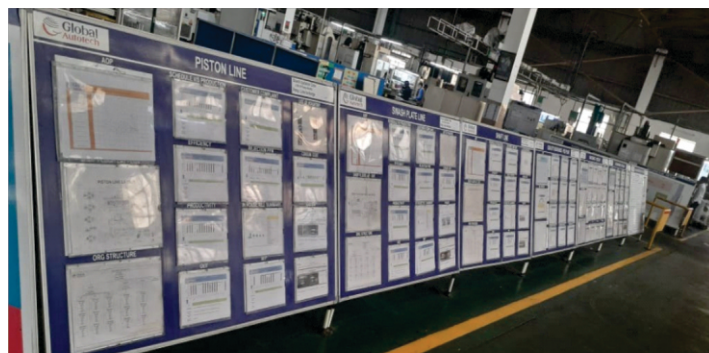
### We won Silver in Excellent in Sustainable Business.

Winning this prestigious award is an absolute honor, encourage team work and strengthen our core values & great learning.

The award is certainly an inclusive, dynamic and a qualitative assessment. We consider winning the ACMA award as validation that our plant are progressing in right direction of sustaining excellence.

### Your views on ACMA Awards process and how it is helping your company to improve further:

ACMA award process has helped to benchmark our processes and bring improvement in our endeavor to be one among the best in automotive sector.







## Company / Plant Name & Location

**Global Autotech Limited, Plant 1, Greater Noida**

▶ Dr. Navnath G Tarle, COO & VP

**Category : Large**

**Company Information:** Global Autotech Ltd is a part of Suri Group came into existence in 1985. The Group has its interests in diversified businesses like Hospitality (Hotel Lalit) Education, Car Retail, Information Technology and core Auto Component Manufacturing.

Global Autotech has its presence in Delhi NCR & Gujarat.

Global Autotech Has 3 diversified business verticals

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### Key Products: Auto Air conditioning:

Hose connectors, high-pressure aircon Hoses, Tube connectors, Magnetic Clutch Rotor, Idler Pulley, Steel Shafts, Compressor Pistons & Swash Plates for automotive AC systems for OE's. Engine, transmission, Auto components for Leading OEMS and Tier1 for Domestic and Export Market

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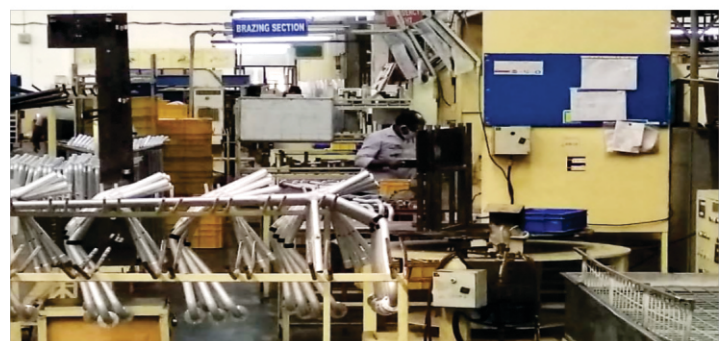


- ACMA Atmanirbhar Excellence Awards category explanation: We got ACMA Certificate of Appreciation in Manufacturing Excellence, This prestigious award is an absolute honor, encourage team work and strengthen our core values & great learning.

The award is certainly an inclusive, dynamic and a qualitative assessment. We consider appreciation of the ACMA award as validation that our plant are progressing in right direction of sustaining excellence.

### Your views on ACMA Awards process and how it is helping your company to improve further:

ACMA award process has helped to benchmark our processes and bring improvement in our endeavor to be one among the best in automotive sector.





# ON-E STOP SOLUTION MULTIPLE BENEFITS

- ✓ Motors & Controller
- ✓ Belt drive system
- ✓ eAxle Solution
- ✓ Moulded Rubber parts
- ✓ Sealing Solutions
- ✓ Brake Hose solution

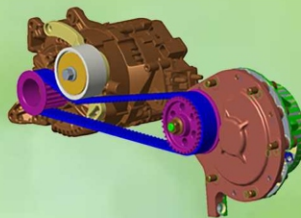


Design, developed & manufactured in India

**EV Solutions for 2, 3 & 4 Wheelers**



Traction  
CVT System



Belt Drive  
System



Hub Motor

E-Axle



Mid Drive  
Motor



Controller



**Corporate Office :**

Khivraj Complex II, V Floor, 480, Anna Salai, Nandanam, Chennai-600 035.

Tel : +91 44 4399 4666 | Email : [eMobility@jkfenner.com](mailto:eMobility@jkfenner.com) | [www.jkfenner.com](http://www.jkfenner.com)





## Company / Plant Name & Location

**Hella India Lighting Limited, Derabassi, Punjab, India**

▶ Mr. Manoj Singh, Executive Director & Head - SOE

Category : SME

### Company Information:

Hella India Lighting Ltd (HIL) is one of the leading global automotive supplier, with it's strong focus on safety products. Deals in manufacturing and marketing of Automotive Lighting & Safety Electrical Products which caters to Special Original Equipment (SOE) Customer segments- Commercial Vehicles, Agro, Construction Equipment, 2-Wheeler & 3-Wheeler.

It is leveraging on its German-Engineered products which are developed & built at local affordable cost.

### Esteemed Customers:



### Product Portfolio:



### Company Strength:

- VW, JCB, Caterpillar Certified Plant
- Quality Certification of IATF 16949:2016, ISO 9001:2015, ISO 14001:2015
- Solar Plant (302 Kw) Installed for Green Energy
- Inhouse Testing Lab, Complying to ISO, IEC 17025 requirements
- ESD Controlled Facility for LED Products
- Injection Molding (1 Color & 3 Color Molding & BMC Molding) with interlinked Robots for part handling & Centralized Feeding System
- Latest Metallizing Machine with inbuilt Topcoat Facility
- PC Hard Coat & BMC Base Coat manufacturing setup
- Robotic Gluing Cell for Gluing process
- Vibration Welding & Ultrasonic welding for plastic part joining
- FMS Product Assembly Lines and Centralized Fire Safety System



### We won Gold in Excellence in Manufacturing, NPDD & Localization and Silver in Excellence in Export as we have: -

- State of the Art Manufacturing Plant with all the Necessary Latest Technology and Safety
- Robust Process to Cater to Customer Requirement
- Excellent Teamwork across Local and Global team
- Inhouse Team Competency & Global Team Support to overcome all Challenges
- Customer Rewards & Recognition
- Employee Engagement Activities
- Lean Approach on Shop Floor, Poka Yoke Towards customer quality, 5S Implementation, Kanban & FIFO Approach
- CSR Initiatives

ACMA Award Application Content & Audit Process are truly defined to map and review of any company's progress and sustainability towards business success. Audit outcome was really helpful for further motivation to the team & way forward towards company goal & success.







Excellence in Manufacturing  
(Bronze)



## Company / Plant Name & Location

**Jai Hind Auto Tech Industries, Pantnagar**

► **Mr. Tej Ram Singh, General Manager**

**Category : SME**

**Company Information:** We are engaged in manufacturing & supplying Plastic Injection Molding, Rubber Molding and sheet Metal Parts in Automotive sector. Over the years, we have established ourselves in the global market and at present we are one of the most reliable names in the industry. Being an honest and dedicated company, we intend to reach new heights by manufacturing critical injection molding part with best quality products.

**Our Product** - A-Pillar, Mudguard, Head Lamp Cover, ECU Cover, GSL Cover, Mirror Housing, Fuse Box Cover Etc

**Our Customer** – Tata Motors, Tata Ficosa, Tata Auto Comp (CD) etc.

### Company Strengths:

#### (a) Manufacturing Process strength

- Injection Molding Machines Capacity 60 Ton to 1000 Ton and Elevator Crane (Capacity 6.5 Ton)
- Individual material auto loader and Hopper Dryers for machine as well as DG(400 KVA) .
- Mold Temperature Controller & Hot Runner Temperature Controller (up to 10 Zones).
- We have lab facility for granules and part test and inspection e.g.- MFI Testing machine(1000°C), Muffle Furnace (1000°C), Tensile Strength Machine (5000N), Profile Projector (300mm/360°) etc.

#### b) Best Shop floor Practices

- Machine Cleaning Activities Weekly with total team involvement including management.
- Weekly 5'S & Safety Self audit in every Zone.
- On the job training on floor in DOZO area.
- Morning meetings and DWM meetings on shop floor

#### c) Unique Features

- Sustain 0 PPM at customer end & able to easily adopt new technology as per customer.
- Dedicated Team for empowering the women.
- Monthly meeting & Appreciation and Award Ceremony with all level of employee.
- Fun & Games activities weekly for casual and staff employee to create joyful work place.
- Daily DWM monitoring and review on the floor in DWM area.
- 4M Changes monitoring dedicatedly.

#### d) Technology

- Tool Design and Tool Making Facility, Reverse Engineering, Part Design Facility and VA/VE

#### e) Employee Morale

- Skill Up gradation project for employee.
- Training program by external reputed agency e.g. - IR Classes.
- POSH committee constituted with external lawyer.

### We won Bronze in Excellence in Manufacturing as we have:

- We have "Over All Outstanding Performance" award in ACMA UNIDO Basic cluster program.

- We have Appreciation Award in "Maximum red tag identification" by ACMA UNIDO.
- We have best team work as we won "Total Employee Involvement" award by ACMA UNIDO.
- We have best quality standard as we won the award in quality circle in TML.
- We have competency in VA/VE project as this is appreciated by TML Plant head.
- We have Energy Champion Award by Tata Motors Ltd
- We have best DWM supplier award by Tata Motors Ltd
- We have awarded with Gold Trophy in Excellence in HR by ACMA Atmanirbhar Excellence award
- We have awarded with Silver Trophy in Excellence in Manufacturing
- We have awarded with Best Enterprises of the Year (Plastic) by MSME India Business Award

### Your views on ACMA Awards process and how it is helping your company to improve further:

- Virtual Site assessment was wonderful and up skilled our presentation. We appreciate ACMA coordinator and all team for their regular guidance.
- ACMA award process providing platform to find out best practices in our plant.
- Helps to improve learning and making competitive in business







## Company / Plant Name & Location

**Jumps Auto Industries Ltd., 125, Pace City – 1, Sector -37, Gurgaon – 122001, Haryana, India**

▶ **Mr. Sanjay Malhotra, Managing Director**

**Category : SME**

**Company Information:** Jumps is a fully integrated manufacturer of rotating electricals – Starter Motors, Alternators and related sub-assemblies. Our products meet global benchmarks & confirm to stringent quality standards which has enabled us to build a formidable track record of being predominantly export-oriented, reaching out to customers in 50 countries across the world. Our major customers are Bosch, CNH, AGCO, Prestolite Electric, LucasElektrik, GPC, CARGO, WAI, Monark, ACE, acr group, TAFE, Force Motors, Ashok Leyland, TVH, Cooper.

### Company Strengths:

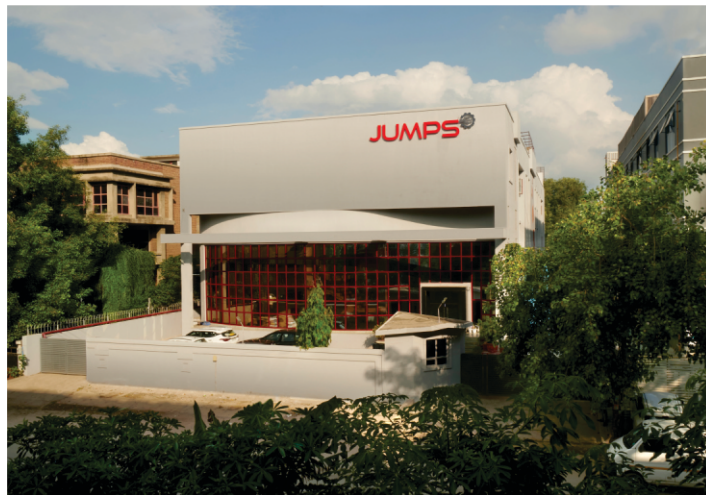
- Quick changeovers and assembling complex products are our strength.
- D & V testing machines
- High efficiency low cost
- Focus on Process Engineering
- HR best practices are followed.

### We won Certificate of Appreciation in Excellence in Export as we have:

- Unique practices like shortest lead time, no Minimum order quantity
- Flexibility is one of our strongest competencies.
- Best HR practices like Smooth Onboarding, Ensuring good working Environment, Strong L & D Systems, Fair & Performance Based Compensation, Reward & Recognition.

### Your views on ACMA Awards process and how it is helping your company to improve further :

ACMA Awards overall process, Applications, Site assessment is helpful in further improvement like More focus on sustainability (3Ps). Carbon Footprint activities to be included. More focus on Energy/Water conservation activities, Innovation process to be strengthen further (Innovation month, new ideas, brainstorming sessions), Long term plan/Contingency plan should be prepared under Risk management & blind spot analysis.







## Company / Plant Name & Location

**Kiswok Industries Pvt. Ltd., 62/1, Bhattanagar, Liluah, Howrah-711203**

► **Mr. R.K. Kejriwal, Chairman | Mr. Mayank Kejriwal, Managing Director**

**Category : Large**

### Company Information:

Kiswok Industries has been driving precision, innovation, and quality in the Indian Foundry Sector for more than 65 years. Founded by the visionary Mr. Shyam Sundar Kejriwal, we are currently the largest manufacturer of machined ferrous castings for heavy commercial vehicles in India.

Our company boasts numerous strengths, including a production capacity of 78,000 MT per annum and a team of over 2,500 employees. Our estimated turnover for the fiscal year 2022-2023 is INR 580 crores. We specialize in 100% machined castings, and our organization is both data-driven and process-driven, ensuring greater efficiency. Our digitalized workflow further enhances our production efficiency. We pride ourselves on our clean and eco-friendly foundry operation, as well as our assured product quality and committed deliveries.

We are committed to the development of our employees' skills and have a dedicated skill development center for machine operators and quality inspectors. Our achievements include various accolades such as the Best Quality Award from Daimler, On-Time Delivery from Bonfiglioli, Cost Competitiveness from Tata Motors, and recognition for New Product Development from VECV.

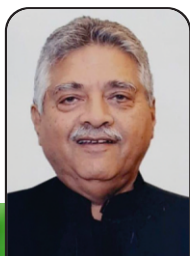


Our focus on the latest technology and digitalization initiatives has driven us to build efficiency, enabling fast and seamless information-sharing that leads to quick decision-making and greatly enhances customer satisfaction.

- We have implemented IoT 4.0 across all 135+ CNC machines to monitor cycle time, production data, and OEE.
- We use TABLEAU for interactive data visualization and analytics, and
- We have developed in-house software for Daily Work Management, which integrates with WhatsApp.
- We also have a real-time monitoring system through sensors for tool changes, damages, and collision detection.
- To map and track new product development, we use project management software.
- Additionally, we have completely mapped physical material movements to digital movements in our ERP system.

We are grateful to ACMA for their audit process, which has helped us understand the gaps in our industry benchmarks and has assisted us in setting new goals and a clear path towards further improvement.





## Company / Plant Name & Location

**Krishna Maruti Ltd., Seat-1, 40 KM Stone, NH8, Delhi Jaipur Highway, Village-Narsinghpur, Gurgaon-122001**

▶ **Mr. Ashok Kapur, Chairman**

**Category : Very Large**

**Company Information:** Established in 1994, Krishna Maruti Ltd. is a joint venture between Ashok Kapur, Maruti Udyog & Suzuki Motor Corporation that manufactures seats in technical collaboration with SNIC Co. Ltd. of Japan. Since its inception in 1994 as a Maruti Suzuki seat supplier, the interiors business of Krishna Group has achieved great heights and stands as a reputable name in the industry today and won the prestigious Deming award in Seat unit in 2005. It boasts of a huge product portfolio that including Automotive Mirrors, Door Trims & Plastics Roof Headliner, Tool Room, Automotive Textiles, CNG Kits among others. Krishna Group has 41 existing facilities (26 Interiors & 15 Metals) spread across major automotive hubs in the country.

**KML Seat-1** is 1st Seating Plant in Group established in 1994 & situated at village Narsinghpur, whereas **R&D (Technical centre)** established in year 1999~2000 in same premises to take care of Design & process engineering activities.

All the plant facilities in the Krishna Group are IATF 16949:2016, ISO 14001 & ISO 45001 certified, including NABL accredited Lab for Seat Testing along with usage of latest design software's for R&D.

### Company Strengths:

- Innovative product design & process design with patents
- Always focus on **First time Right approach** towards Product manufacturing since development
- Poka-yoke's (Full-Proofing) Implemented on all critical operations and interlinked with assembly line also critical torqueing operations controlled via DC Torqueing Tools & Pika Pika system on each assy lines for better traceability and control
- Automatic PU Foaming Plant
- Patented Robotic bending cells with man less operations, Robotic Weld cells with Traceability to ensure Zero Defect.
- Imbined a Self-driven and Quality focus culture towards every employee of staff to ensure Zero Defect
- VSM & CEDAC Approach, PDCA Approach, 6R Principle, DWM, HHT & KYT Approach
- Air Bag and Ventilated Seat manufacturing with EOL testing system
- Bar code System implementation at each process to ensure back-end traceability
- Frequently fire safety audits via plant Team and external agency
- Chairman's family visit for direct connect with employees
- We focus on people & their family engagement through Happiness and positivity Drive

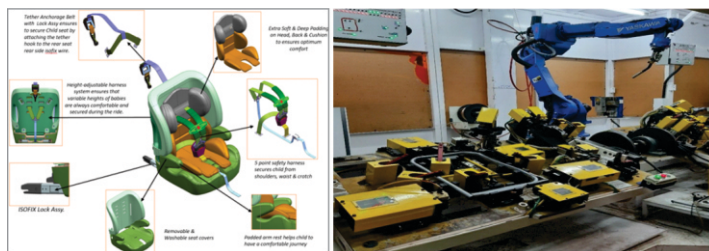
### We won Silver in Excellence in NPDD & Localization as we have:

- Under Make in India drive, we developed new designs inhouse of Child seat, 180° Rotational seat, Railway seats, Back flip seat
- 9 Patents filled till date and 2 are awarded to KML design team
- Clear & defined road map related to New Model development through well-established 5 - Phase development process (APQP), including R&D, innovations in the field
- Regular Top management involvement
- Localization is the key advantage of our business & automation
- Strong risk mitigation capacity as we have multi-location facility in Pan India presence with skill set

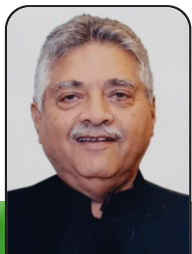
- Religiously practising and maintaining the systems like APQP
- Creating a drive bench marking, VAVE in the group at frequent intervals & start of new programs
- Strong team structure in the area of R&D, PE&P in terms of experience and skills
- Excellent Program Management Systems for New Projects
- Dedicated & sophisticated NABL accredited testing Lab in R&D, to provide support during development & post-test analysis
- Imbined company's core values like Customer delight, Quality, Ownership, Respect for individual, innovation & creativity in all employees
- Irrefutable Domain expertise with dedicated Program Managers to provide innovative, quick, robust, good quality & cost-effective solutions for customers with the help of best R&D infrastructure, unique manufacturing technology & motivated peoples 100% traceability being done through in-house developed IT enable system – MES for critical parts as well as for products till life cycle
- Dedicated master plan for each project is linked with customer timeline
- Daily review meeting internally & weekly review meeting with customer for project updates
- Customer appraises continuously from consecutive years and awarded us in different categories like part development-Build to Print, VAVE, Manufacturing excellence & others
- New process technology introduced {(YHC - Seat Ventilation System (SVS), 590 HT stamping parts in-house development, Biometric weld cell for Maru-A weld stations, High End Seat Snack Tray Design, Heavy Construction Equipment - Excavator Seat, Rotary Seat for Vista dome Coaches, Child Seat Innovation for LATCH Fixing}
- As localization new plant introduced for 590 HT part production

### Your views on ACMA Awards process and how it is helping your company to improve further:

- We captured the inputs during journey with ACMA to set the new standards / Benchmarking
- Transparent evaluation methodology during assessment helps us to learnt a lot through a high experienced assessor's
- ACMA Awards overall process, Applications, Site assessment was Excellent and it was a total green and online process
- We are enthused and moving forward with more opportunities for utilization of solar energy system for green environment
- ACMA Awards overall process is very useful for us as this helps to understand the improvement areas which further going to help us in improving our way of working and growth in Business







## Company / Plant Name & Location

**Krishna Maruti Ltd.,** Seat-3, Plot No-13, SMG Supplier Park, Block No-334,335, Hansalpur, Taluka-Mandal, Ahmedabad-382150, Gujarat

▶ **Mr. Ashok Kapur, Chairman**

**Category : Very Large**

### Company Information:

**KML SEATING** is 3rd Seating Plant in Group established in 2017 & situated at SMG JV Park Hansalpur, (Becharaji) Taluka-Mandal, District: Ahmedabad

With a committed workforce and the consistent approach towards work, the group has been reaching new heights every year. All the plant facilities in the Krishna Group are IATF 16949:2016, ISO 14001 & ISO 45001 certified.

**Company Strengths:** In Bullet points (manufacturing process strength, best shop floor practices, unique features, Technology, employee morale etc.)

- Always focus on **First time Right approach** towards Product manufacturing
- Poka-yoke's (Full-Proofing) Implemented on all critical operations and interlinked with assembly line also critical torquing operations controlled via DC Torquing Tools & Pika Pika system on each assy lines for better traceability and control
- Automatic PU Foaming Plant
- Patented Robotic bending cells with man less operations to ensure Zero Defect
- Robotic Weld cells with Traceability to ensures Zero Defect
- Imbibed a Self driven and Quality focus culture towards every employee of staff to ensure Zero Defect
- We focus on people & their family engagement through Happiness and positivity Drive
- VSM & CEDAC Approach, PDCA Approach, 6R Principle, DWM, HHT & KYT Approach
- Air Bag and Ventilated Seat manufacturing with EOL testing system
- Bar code System implementation at each process to ensure back end traceability
- Frequently fire safety audits via plant Team and external agency
- Chairman's family visit for direct connect with employees

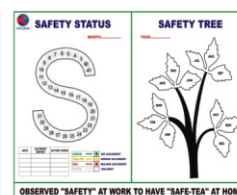
### We won Certificate in Excellence in Manufacturing as we have:

- 360 degree approach and Employee involvement toward the productivity improvement
- VSA audits score in increasing year on year
- For improvement, we are using new tool and technique like:- VSM (Value Stream Mapping – Current state & Future State), Time and motion study (MOST), YAMAZUMI Chart, JM, JI & JR
- Cost Of Poor Quality is considered as one of the KRA of the Plant In our organization.
- We have strong traceability & scanning system From Weld-PU-Assy.-PDI-Dispatch to avoid any mismatch in customer delivery
- Daily Work Management is defined for each section of the plant. Where in processes are defined, standardized, controlled, and improved by the process owners we are considering "PQCSD" and the kaizen approach of each shop that is interlinked with plant MIS and KPI.
- Celebrate every month via **Unique & dedicated** Theme month like, Safety, Energy, Quality, Productivity, Kaizen, VA-VE, Spiritual & etc

- Quality Circle & SGIA (Small Group Improvement Activity) encourages the shop floor employees for active participation in Improvement activities
- Quarterly Chairman's address to Staff and their family members to ensure Vision & mission of company cascades till every family members of KML family
- **SBU Head (Seating Division-President) Training Session** initiated on monthly basis on Health, motivational, and all other topics which ensures health & wealth of every staff is more important
- Daily GEMBA round by senior management with prime agenda on 5'S, Kaizen and Safety
- Targets are owned by Employee during LSIP (Large Scale Interactive Process)
- Conducting Happiness & positivity (Employee Satisfaction) online survey by External Agency

### Your views on ACMA Awards process and how it is helping your company to improve further :

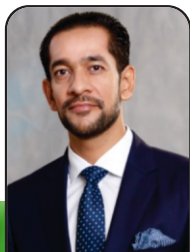
- We captured the inputs during journey with ACMA to set the new standards / Benchmarking
- Transparent evaluation methodology during assessment helps us to learnt a lot through a high experienced assessor's
- ACMA Awards overall process, Applications, Site assessment was Excellent and it was a total green and online process
- We are enthused and moving forward with more opportunities for utilization of solar energy system for green environment







**Excellence in Manufacturing  
(Bronze)**



**Company / Plant Name & Location**

**Lumax Auto Technologies Ltd., Kolar**

▶ **Mr. Anmol Jain, MD**

**Category : Very Large**

**Company Information:** Lumax Auto Technologies Ltd. through its wholly owned subsidiaries and joint ventures, has been a manufacturer of wide range of products {Integrated Plastic Modules, 2/3-wheeler Lighting, Chassis, Gear Shifter, Shift Towers, Emission Systems, Seat Frames, Oxygen Sensors, Electric devices & components). We are market leaders in Design, Testing and Manufacturing Gear Shift levers in India. The Company has a robust pan-India distribution network with 17 manufacturing plants across India in all major Auto clusters. Our key customers include Bajaj Auto, Honda Motorcycles and Scooters, Mahindra & Mahindra, Maruti Suzuki, Tata Motors and Toyota.

The plant was commissioned in 2013. The plant manufactures Plastic Molded Parts for Automobile application catering to esteemed customers like Honda Motorcycle & Scooters India Pvt. Ltd., KIA Motors through SLAP And Hyundai Transys, Ford India through Continental India Pvt. Ltd., Toyota Kirloskar Motors through Toyota Boshoku India Pvt. Ltd. and Maruti Suzuki India Ltd. It is situated in a water scarce area and steps like rain water harvesting and use of solar power are integral part of its operations.

**Company Strengths:** In Bullet points (manufacturing process strength, best shop floor practices, unique features, Technology, employee morale etc.)

- Certified for IATF – 16949, ISO – 45001 & ISO – 14001
- Certified for Excellence In TPM from JIPM
- Imported and well equipped Moulding Machines ranging from 180 ton to 1000 ton ensuring high productivity levels.
- Hiring well qualified Diploma Engineers for Machine operation and inspection process.
- Robos and Sprue pickers installed to increase Productivity.
- Automation on Assembly lines for ensuring Zero Defect Flow.

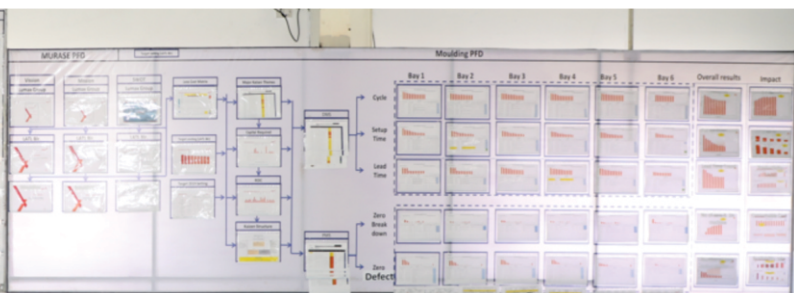
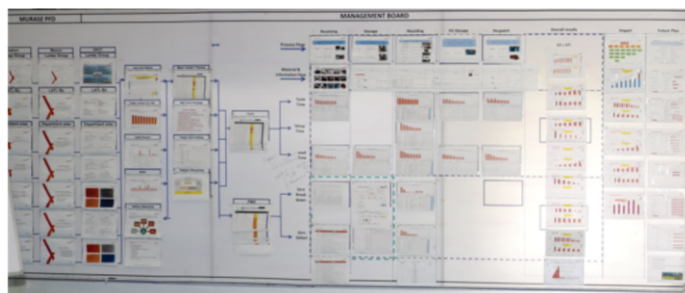
**We won Bronze in Excellence in Manufacturing as we have:**

- Adaptation of Over head Conveyor system for maintaining the Inventory levels and movement of Finished Goods.
- Sustained Zero accident since the time of Inception.
- Well equipped Tool Room and Plant Maintenance section for resolving the Breakdowns in shortest possible time and time maintenance of Tools and Machines
- Well facilitated Technical Training Center for practical and quick skilling of Fresh Operators / Inspectors.

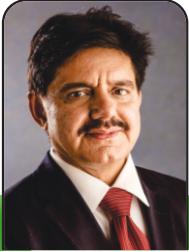
- Maintained Single Piece flow on the shop floor as per TPM methodology.
- Rigorous monitoring and action on the Near Miss and First Aid injury for sustenance of Zero Accidents.
- Well deployed focused group activities like QCC, CCC, TPM Circles, Kaizen circles for Employee Engagement and motivation in order to ensure high productivity and quality levels.

**Your views on ACMA Awards process and how it is helping your company to improve further :**

- Challenging ACMA Atmanirbhar Awards for Excellence in Manufacturing, was a journey to revisit the work done and present our Success stories. It helped to further stimulate and improve the process for this as well as other areas .
- Shop floor assessment by the auditors widened our scope for further improvements.







## Company / Plant Name & Location

**Lumax Industries Limited., R&D Gurugram**

Mr. Vineet Sahni, Group CEO

Category : Very Large

**Company Information:** Lumax Industries Limited, a flagship company of D.K. Jain Group, is India's pioneer and most experienced player in the Automotive Lighting Industry. The company has over 40 years of strong partnership with Stanley Electric Co. Limited, Japan, a world leader in Vehicle Lighting and illumination products. Lumax has ten ultra-modern manufacturing plants in India, strategically located near manufacturing locations of major OEMs. It caters to four-wheeler, two-wheeler, FES and commercial vehicles segment in Indian and global markets Lumax is one of the major suppliers to OEMs including Hero MotoCorp, HMT, Honda Cars, Mahindra & Mahindra, Maruti Suzuki, MG Motors, Tata Motors, TVS and others.

### Company Strengths:

- Own developed software for Optics design & simulation
- Innovate in India
- Fully Functional Design office in Taiwan and Czech Republic
- Encourage and adopt new technology
- Market leader in automotive lighting and gear shifters
- In house product design and development capability
- Best in Industry manufacturing facility

### We won Bronze in NPDD & Localization as we have:

- Dedicated Team of skill experts (Optics, Electronics, CAE, Mechanical)
- New Technology Group - futuristic technology for Indian customer
- Lumax development rule for planning, Monitoring & controlling Design & development

### Your views on ACMA Awards process and how it is helping your company to improve further :

- The ACMA award process enables us to identify our strengths and opportunities for improvements which are essentials for progression towards a 'built to last' organization.



♦ LDR is a planned and systematic rule to promote newly designed and developed Products .  
LDR majorly classified into **7 GATES** of Management review which further classified in **92-Steps** of Development activity

| PROJECT KICK-OFF   | DESIGN TRANSITION  | PRIOR T-1 PREPARATION   | MATURATION REVIEW  | TOOL SHIPMENT  | JUDGEMENT TO M/P  | PRODUCTION HANDOVER   |
|--|--|---|--|--|---|---|
| After Business confirmation (LOI)  | Design Transition to Development   | Prior T-1 trial preparation   | Product/Tool maturation  | Process & product Validation   | Management Judgement to M/P   | Initial Flow Monitoring & Handover  |
| <b>Gate Purpose</b><br>Project start declaration<br>Share information regarding Customer event, Target cost, Profitability | <b>Gate Purpose</b><br>Verify the assurance methods in the D-FMEA, DR and MR have been reflected in the drawing/Equipment spec | <b>Gate Purpose</b><br>Confirm 4M readiness, as well as verify and make improvements to costs                               | <b>Gate Purpose</b><br>Verify the results of Function Verification & Test result verification For Tool shipment GO             | <b>Gate Purpose</b><br>Management Confirmation Verify that problems for the results of Fit & Function Verification & Test result verification For Tool shipment GO | <b>Gate Purpose</b><br>Verify that problems have been eliminated & confirm the preparation status to start smooth Production with ZERO defect | <b>Gate Purpose</b><br>Hand over equipment to the Manufacturing Plant. Record development trouble data, various standards, and forms. |
| <b>Input Forms</b><br>Customer schedule<br>Drawing & Spec<br>Cost & Earning Table<br>Manufacturing feasibility             | <b>Input Forms</b><br>D-FMEA, CAE reports<br>DR results, MR results<br>Design goal statement<br>Drawings - Assy/BOP/Process    | <b>Input Forms</b><br>Problems and c/m control sheet,<br>Performance table,<br>Tooling/PFE status,<br>BOP purchasing status | <b>Input Forms</b><br>Problems and c/m control sheet,<br>Spec test results,<br>Customer feedback for Fit & Functional approval | <b>Input Forms</b><br>MOM of Gate-5<br>RMDS registration<br>Grinding & Light feeling<br>Customer approval<br>BOP ordering status                                   | <b>Input Forms</b><br>100 units trial result<br>QA approval sheet<br>Transition to M/P<br>Cost Report<br>Regulatory Report                    | <b>Input Forms</b><br>Initial manufacturing 4M result Data<br>Initial supply quality<br>Record of 1000 sets ver                       |
| <b>Output Forms</b><br>Product Development Master Schedule<br>NCTI Teams<br>MOM  | <b>Output Forms</b><br>Verification judgment results<br>NCTI agreement MOM of Results for judgment for transition to Design    | <b>Output Forms</b><br>MOM of readiness Status review<br>> Cost statement   | <b>Output Forms</b><br>MOM for<br>> Spec test result<br>> Customer feedback<br>> All ECN review                                | <b>Output Forms</b><br>MOM for<br>> Spec test result<br>> Customer approval<br>> All ECN completed<br>> Tool shipment go   | <b>Output Forms</b><br>Management review Result and mass production go ahead approval MOM   | <b>Output Forms</b><br>Handover document<br>Sign off within NPDD and Manufacturing plant  |







Excellence in Sustainable Business  
(Gold)



## Company / Plant Name & Location

**Magal Engg Tech Pvt. Ltd.,** Plot No. A3, Sipcot Industrial Growth Centre, Oragadam, Mathur, Kancheepuram, Tamil Nadu, India-602 105

▶ **Mr. J. Sridhar - CEO**

**Category : SME**

Magal Engineering Tech is a successful tier 1 company, part of the Kun Group of companies. Located in Chennai, Tamil Nadu, the company designs, develops, validates and manufactures a range of technical engineered products utilizing its in-house capabilities.

Within the Global Automotive Market, the Magal Tech name in India is associated with delivering Complex design solutions, Consistent quality, on-time delivery, a depth of engineering capability and competitive pricing. Magal Tech is recognized as Tier- 1 Global Strategic Supplier to major global OEMs.

A fully accredited supplier to the leading Automotive OEMs for powertrain Thermal Management systems and Thermostatic Elements for SsangYong Korea, Mahindra & Mahindra, Ashok Leyland, Tata Motors, Cummins, Simpsons, KOEL, Renault Nissan and others, Engine Conrods for Ford, SsangYong Korea, Mahindra & Mahindra), Mechanical Assemblies/Lifting Devices for Ford, Jaguar and land Rover-UK, medium and Light duty actuation Cables for Ford Brazil, Vietnam & India- Ford Q1 Supplier)), Pressed stamping parts and a variety of Machined parts including Exhaust manifolds for Ashok Leyland and Precision Machined parts for Communication Engineering segment.

Magal Tech India is manufacturing Innovative, technologically superior design of parts and Assemblies at lower cost and global quality levels. The Company is highly conscious of the environment and the quality of life of all status holders and the community at large.

The Manufacturing process is based on the latest cutting edge technology practices with the use of Robotic and automated processes to ensure competitiveness in the global marketplace. Magal Tech's manufacturing is based on 'lean principles' which are core to all of Magal tech's operations and recognized internally as the "Magal way". The innovative manufacturing process developed by the Magal Tech Team has led the company to the next stage of manufacturing technology. The Continuous Training and Re-training of Employees at all levels leads to higher levels of motivation and Continuous improvement culture in the organization.

Visual Management, the vital part of "Magal Way" will be evident throughout our manufacturing process.

With " Quick Response " culture and " Drive to Zero " approach, Magal Production System principles, modern management methodology, efficient supply chain management via SAP and a skilled and motivated workforce , Magal Tech is leading to the next era in the business with dedication and focused approach to customer relationships, offering multiple customized solutions from design, development through lean manufacturing as a capable supplier to both Indian and Export markets.

Cordial Industrial Relationship is maintained with employees through Cooperative approach. The Customer focused Organization maintains cost leadership through local content, local engineering, local concept ,designing & making of manufacturing machines.

The internal KPI review mechanism, Employee Involvement, Continuous Improvement culture and effective monitoring of the same with digital tools and periodical employee recognition programs are the cultural strength of systems at Magal Tech.

## We won Gold in Excellence in Sustainable Business as we have:

- State of the art Manufacturing Facilities,
- Committed and self-motivated Employees,
- Magal Way- based on Lean principles
- Quick Response Culture
- Customer Focused approach
- Social Equity
- Economic Viability in Business
- Environmental protection based initiatives in the areas of Manufacturing and business processes

The ACMA awards program enabled us to understand the best practices and benchmark ourselves against these best practices. Also this has given us the opportunity to identify the future scope for improvement and to excel in our approach to maintain the "Magal way" and "Drive to Zero" program. Winning this award will boost the morale of the employees and assure all the stockholders confidence in Magal Tech as an organization progressing in the right direction of Business Excellence.

## Recent recognitions earned:

- Ford Q1 Certificate.
- Ashok Leyland QUAD - A certificate for Maintaining higher levels of capability & performance.
- 5S Platinum award from ABKAOTS DOSOKAI





# Thermal Solutions for Sustainability

## INDUSTRY EXPERTISE



EV/Hybrid



Passenger Vehicles



Commercial Vehicles



Off-rovers



Railways

Subros Limited, founded in 1985 as a public limited company with joint venture between the Suri Family of India, DENSO Corporation, Japan, and Suzuki Motor Corporation, Japan, is the leading manufacturer of thermal products for automotive & non-automotive applications, in technical collaboration with DENSO, Japan.

A Joint Venture between

**DENSO** | **Subros** | **SUZUKI**

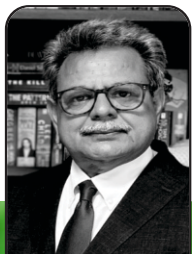
[marketing@subros.com](mailto:marketing@subros.com)

**Subros Limited** | [www.subros.com](http://www.subros.com)



Cooling the Planet





**magnacorp**  
- walk with the originals

## Company / Plant Name & Location

**Magna Automations Limited, D-2, Infocity- II, Sector 33, Gurugram, Haryana**

▶ **Mr. Shailendra K Aggarwal, Managing Director**

**Category : SME**

**Company Information:** Mr. Shailendra K Agarwal established Magna Automations Limited in July 1991 and has grown many folds catering to the Automotive Industry. The organization continues to excel under strong leadership, commitment along with experienced and dynamic team.

Magna is catering to OEMs requirement of parts for the OE & OE (Spares) & Only Genuine Accessories involving manufacturing and assembly of Vision Plus - Fog Lamps, Power Windows, ORVM & IRVM kits, Sunshades, Life Style Accessories, Chrome Parts & Car Air Fresheners.

Magna Also supplies Combination Switch Assembly, HLL Switches, Balancing Weights, Plastic parts, Gaskets etc, as OE Parts.

It is proudly referred to as being one of the most reliable, efficient, competent and customer focus oriented organisation by its key associates who have been connected with the organisation for decades.

## Company Strengths:

- Magna Principles and Values at the core - drives the organization at every step
- Awarded IATF 16949:2016 certification
- Very high employee morale
- Excellent Assembly Facilities including use of Poka-Yoke methods, ensure defect free process and product
- Conducting regular Top Management meetings with an agenda on quality, risk management, customer satisfaction, health, safety & Environment.
- Belief in the principles of continual improvement using the best practices such as 5S, KAIZEN and GMP
- Continual aspiration to build a work culture whereby 'Quality of its product and process' remain the main guiding factor and a top priority
- Priority toward Employee's Motivation through their involvement and inviting their suggestions for improvement in our process/
- Commitment to process excellence through long-term planning which focuses to enhance the customer satisfaction meeting their requirements (Quality & Cost)
- Magna's key customers are Maruti Suzuki, Mahindra, and Tata Motors.

## We won Certificate in Excellence in Manufacturing as we have:

- Made huge investments in nurturing and optimizing the resources available within our organisation.
- In the last few years, we have emphasized on process improvements with high efficiency and effectiveness.
- Our team cohesively works with each other to achieve organisation's goal and targets. Customers' inputs have also been very helpful in identifying the areas of improvement.
- We have demonstrated high degree of product quality awareness, which has led to quick response to develop new parts.

- It is a proud moment for the team to see that their efforts are recognized and encourages the team to strive for more. Receiving the award is such an honour and Motivates Magna Family.

## Your views on ACMA Awards process and how it is helping your company to improve further :

- ACMA award process develops a healthy qualitative competition among the automotive sector and provides a platform to demonstrate Magna's good manufacturing practices.
- It has become an effective tool for us to measure gaps for improvement, enhance team knowledge and make upgrades as per industry needs.
- ACMA Award is one of the most prestigious awards, recognized amongst the industries. Winning ACMA award has further encouraged Magna to strengthen its processes.
- The data filling process was self-explanatory, simple and easy. The structured format reduces subjectivity, with various sub-headings in the website helped us not to miss any valuable information.
- Further the ACMA Award process was very robust; the assessors are well experienced and communicated good improvement feedback, which we have promptly acted upon.
- ACMA should share the improvement points from the auditors for the company to improve further.

## Glimpse Of Some Maruti Suzuki Genuine Accessories (MSGA) Parts







## Company / Plant Name & Location

**Marelli Talbro's Chassis Systems Pvt. Ltd., Faridabad, Haryana**

▶ **Mr. Ashish Gupta, CEO**

**Category : SME**

**Company Information:** Marelli Talbro's Chassis Systems Private Limited is 50:50 Joint Venture between Talbro's Automotive Component Limited, Faridabad, India and Marelli Suspension Systems Italy S.p.A. The scope of JV is to Design, develop and manufacture of Chassis Systems including **Control Arm Assembly, Suspension Links, Spring Links, Front Cross Member, Rear Twist Beam Axles, Wheel Group Assemblies, BIW, Corner Modules & stamped and welded assemblies.**

We Currently have 3 production facility in INDIA located at Faridabad (Stamping / Welding / Assembly), Manesar (Assembly) and Pune (Stamping / Welding / Assembly).

The manufacturing facility at Faridabad is IATF16949 / ISO14001 / ISO45001 / ISO 50001 certified.

### Key Customers:

#### Domestic :

- Bajaj Auto Ltd.
- Fiat India Automobiles Pvt. Ltd.
- Mahindra Electric Mobility Ltd.
- Maruti Suzuki India Limited
- Suzuki Motors Gujarat
- Tata Motors Limited

#### Overseas :

- Jaguar Land Rover - UK
- Magna Steyr - Austria
- Marelli suspension systems - Turin
- Systematic approach and dedicated team for monitoring overall

### Company Strengths:

- Design capability under guidance of Marelli, Italy.
- Global Benchmarking and manufacturing setup at par with Marelli Global.
- WCM (WORLD CLASS MANUFACTURING) methodology and got awarded as Bronze plant.
- 100% process verticalization for suspension control arms within the group.
- In house tool design and manufacturing supports in quick prototyping and tool development.
- Long experience and competency on high tensile Steel, Aluminum stamping & welding.
- Employee development through Marelli global plants benchmarking.
- Qualified, competent and highly motivated workforces, high focus on safety & environment.
- Supplying to all PV vehicle segment (A segment, B segment, C segment).
- JLRQ certification

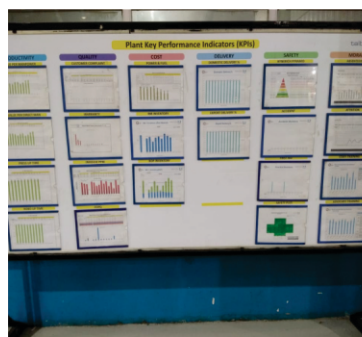
### We won Bronze in Excellence in Export and Certificate in Excellence in Manufacturing as we have:

- Very Quick development and first time right approach.
- Major Improvement in product design resulting increase in product reliability.
- Systematic approach and dedicated team for monitoring overall customer satisfaction.

- Plant has been awarded with JLRQ award within one year of SOP.
- In-house facility for all type of manufacturing of control arms (Stamping, Welding, Assy.)
- In house tool design and manufacturing supports in quick prototyping and tool development.
- 100% Part Traceability with unique part number.
- Daily Poka-yoke health checkup to ensure zero defect.
- Barcode implementation where part mixing error is zero.
- Best Practice implemented from Marelli Global Plants.

### Your views on ACMA Awards process and how it is helping your company to improve further :

- ACMA awards gives a good opportunity to assess our best practices against industry benchmarks and give us external insights from experienced assessor.
- Recognition by ACMA also help us to improve our visibility to our potential customers both domestically and overseas as it is representative of our Indian Automotive supplier eco-system.
- Motivation for employees to put their best efforts.
- Healthy & positive Competitiveness among various functions and units.
- Audits & checklists are taken as the tool for improvement of systems & processes.
- Meaningful & valuable advices from experienced auditors.







**maxop**  
eminence with excellence...

## Company / Plant Name & Location

**Maxop Engineering Company Pvt Ltd, Unit - 4 # Plot No. PA 011-007, Mahindra SEZ, Village – Kalwara, Jaipur, Rajasthan - 302037**

▶ **Mr. Shailesh Arora, Managing Director**

**Category : Very Large**

**Company Information:** Maxop is into manufacturing of Aluminum High Pressure Die Casting & Gravity Die Casting Component along with Precision Machining of these Components.

As customer base Maxop supplies Aluminum Die Casted components to all Major OEM's, Tier 1 in the automotive sector. e.g. Maruti Suzuki, Honda Cars, Mitsubishi Electric, Valeo, Mann & Hummel, Forvia, Hutchinson, AISIN, BorgWarner, Hengst etc.

**Company Strengths:** Maxop is backward integrated company & making all kind of Aluminum Alloys in Reference to Various Global Standard e.g. JIS, DIN, BS & NADCA

- Complete In House Die Design, Simulation & Manufacturing
- Expertise in making Body in White Parts & Structural Casting for EV vehicles
- Complete In-house T5 & T6 Heat Treatment Facility

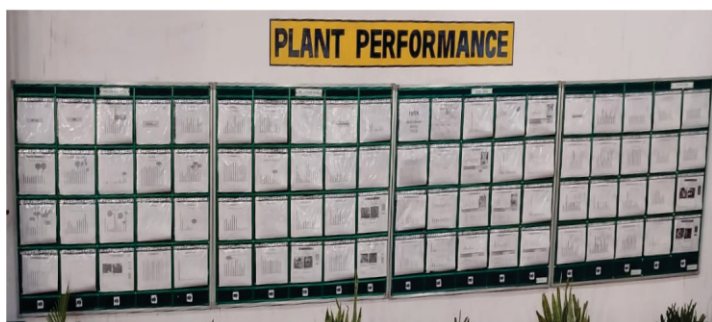
## We won Silver in Excellence in Export as we have:

- Know how on the Special Grade Aluminum Alloy Making & casting
- Completely Backward Integrated company
- No outside Dependency on Raw Material, Tool Making & Any other Process



## Your views on ACMA Awards process and how it is helping your company to improve further :

- ACMA award overall application process was very easy & smooth. Auditors were very co-operative and having immense industry experience. During Audit, they gave us overview of the Good Global Practices & even highlighted what good practices we are following as a manufacturing company. Such kind of interactive session whether it is in form of Audit or Trainings will definitely give Local Indian companies a global exposure & new horizon to think and improve to meet global standards & expectations.







## Company / Plant Name & Location

**Metalman Micro Turners, Unit-II, Dharuhera**

► Mr. Navneet Jairath (MD) | Mr. Bikramjit Bembi (Chairman)

**Category : Very Large**

**Company Information:** Metalman Micro Turners is a one-stop shop for all fabrication requirement, catering to Global Automotive OEMs and Construction Equipment industry.

We have Process Expertise in Sheet Metal, Tubular, Fabrication, Assemblies, Machining and ACED Surface Treatment. We have 2 other additional sister concerns & 1 JV Plant. All Plant Certified with IATF 16949:2016, ISO 19001, 14001:2015 & OHSAS 18001:2007. We Cater as Tier 1 and Tier 2 to various Indian and Overseas OEM's such as Hero MotoCorp, Honda, Bajaj, TVS, Royal Enfield, BMW, Harley Davidson, Anvis, CNH, Lear etc.

MMT has won more than 25 awards including ACMA & CII Award i.e. Best Industry 4.0 Digital Organization Award winner, Digitization for Human & Machine Safety, Best overall EHS Practices etc. We are a highly automated company with a high reliance on Robots to do welding and implementing IoT at various stages of the operations. Our Major Product includes Motorcycle Frames (Chassis), Exhaust Systems, Driver Cabins, Safety Linkages, Fuel Tanks, Booms, Loader Arms, Main Stand, Side Stand, Handlebars and Seating Head Rest Rods.

### Our Expertise:

- Robotic Welding. Stamping, CNC Pipe Bending, Roll Forming, Machining, Laser and CNC Gas Cutting, Press Brake, Pipe Notching, Assembly Lines.
- Having all type of Surface Finishing such as Ni-Cr, Zn-Ni
- Plating Powder Coating, spray Painting & ACED /KTL Painting, Advanced ACED-Paint Shop with all advanced digital controls i.e.-SCADA
- Real-time Management Dashboard, IOT based Monitoring system.
- Conveyorised Material handling System. Specially abled Blind inspectors working for visual inspection Single flow line run by women associates.
- Patent on BEAT THE AIR POLLUTION.
- Highly Motivated & Energetic team of Engineers with positive mind set.
- Highly experienced team of professionals
- Digitized business processes.



## We Won ACMA Atmanirbhar Excellence Award 2022 in Excellence in Sustainable Business:

- We have driven lot of activities i.e. 05 Safety Near Miss Identification & Closure per Employee per month.
- Increase in Greenery area, inside water treatment, Rain water Harvesting.
- 100% TEI in Suggestion and QC Circle & CSR.
- Lean Manufacturing process.
- Weekly 5'S & Safety Self audit
- OJT on floor in DOZO area.
- Daily DWM monitoring and review.
- Skill Up gradation project for employee.

### Excellence in Digitalization:

- Working on Industries 4.0.
- Cyber Security Initiative, Official data protection, Data backup and retention.
- Process Interlocking WI Digitally Displayed. HR Policies, KRA automated through HRMS.
- Digital Visitor Management System, Digitally Approval in HRMS and ERP.

## How ACMA Awards process is helping your company to improve further:

- ACMA Award helps us to validate our results and continuously improve in the area and also motivation for Employee.
- It help us to understand our strength v/s Competition.
- The process in assessment helps us to analysis the gap in business.







## Company / Plant Name & Location

**Mindarika Private limited.,** Nawada Fatehpur, P.O. Sikanderpur Badda PIN - 122004 Distt. Gurgaon, Haryana

▶ **Mr. Ravi Mehra (DMD & CEO)**

**Category : Very Large**

**Company Information:** Mindarika Private Limited-Setup in 1992, Mindarika is JV between Minda Industries (Uno Minda Group) & Tokairika Japan & is IATF-16949, ISO - 45001 & ISO - 14001 certified company. Mindarika is a leading manufacturer of Automotive Electrical 4W switches with SOB (Indian Market) – 52%. It collectively design, manufacture and supply of Switches- Lever Combination Switch, Steering wheel Switch, Door Lamp Switch, Mirror switch, Plunger Switch, Power Window Switch, Sunroof Switch, Panel Switch, Power Socket, HVAC Panel assemblies, E-HVAC Panel assemblies, Wheel Covers. It has a turnover of Rs. 860 Cr / year

Our major OE customer are Maruti Suzuki India Ltd, Suzuki Motor Gujarat, Honda Car India Ltd., Tata Motors, Renault Nissan, Mahindra, Toyota, Hyundai etc.

## Company Strengths:

- Mindarika strength to produce high-tech & protocol communication type auto electrical switches
- All manufacturing shops are digitally mapped with live monitoring systems & alerts
- Mindarika having SMT electronics facilities for lead & lead free solder with flow & reflow process
- Plant has the latest technology support for CAD generation, prototyping, 3D printing, Mold flow etc.
- Mindarika has its own in-house validation capability comprising of X ray machine, CRO with LIN / CAN analyzer, LIN-based endurance test RIG for auto HVAC Panels & thermal shock chamber, ESD tester etc.

## We won Certificate in Excellence in Manufacturing as we have:

- Plant has a complete project design with the latest manufacturing technology.
- All new technology is used in software development also, all manufacturing processes are under one roof i.e., Assembly shop, Molding shop, Interactive Pathshala, Tool Design, Lab & testing, Design & Development, Electronics Shop etc.
- Plant has separate Process engineering & IT cell for monitoring digitization activity along with support from corporate IT



## Your views on ACMA Awards process and how it is helping your company to improve further :

ACMA is an excellent platform for learning & implementing best practices from different automotive industries. Site assessment & Gemba visit done in detail at all respective sections by competent assessors. ACMA award process provides a platform to find out best practices in the automotive industry. ACMA Award Assessment helps us to analyze our weaknesses, strengths, gaps and scope for improvement. We are very thankful to be part of ACMA society for giving us the opportunity to show our manufacturing capability in such a prominent forum & hope for some guidance/support in the future.







## Company / Plant Name & Location

**NeoliteZkw Lightings Pvt. Ltd., (Bahadurgarh), Plot No. 36, Sector 4B, HSIIDC Industrial Area Bahadurgarh, Haryana - 124507**

▶ **Mr. Rajesh Jain (CMD)**

**Category : Large**

### Company Information:

**Plant's Key products:** Head Lamps, Tail Lamps, Work Lamps, Cabin Lamps, Fog Lamps etc. for Passenger and commercial vehicles.

**Plant's Key Customers:** Volkswagen, Honda, PSA, General Motors, Daimler, Tata, ISUZU, Tata Marco polo, Paccar USA, Piaggio, TMTL, VECV, M&M, JCB, MGI etc.

### Company Strengths:

- **NEOLITEZKW is Certified for IATF-16949 Quality Management Systems, ISO-14001 Environmental Management Systems And ISO-45001 Occupational Health & Safety Management Systems**
- The whole plant is divided into pressurized and non-pressurized zones with single point entry systems. These zones are backed by a set of HVAC Utility Equipment's:
  - US make York Air Cooled Chillers – 750 TR
  - Zeco make AHUs – 10 AHUs
  - Denmark make VFDs in each AHUs.
- Molding shop is equipped with 26 Nos molding machines ranging from 50 Ton to 1360 Ton including 950T-2K molding machine with latest technology.
- UV cured, Robotic spray Base coating Plant in Clean Room environment (10,000 Class) for reflectors with integrated annealing oven.
- 2 Nos of Evaporation type Vacuum Metallization plant along with Plasma cleaning and HMDSO Polymerization. Robotic glue dispensing in assembly lines.
- **NEOLITE has installed In-house SMT line which enables to manufacture the latest, sophisticated, and complex LED designed lamps with competitive price, highest quality, faster delivery time, leading to customer satisfaction.**
- Our Photometry lab approved by RDW (Netherlands) and IDIADA (Spain).
- Equipped with Mechanical 3D design, CAD Software (CATIA & NX) and Electronics Design Software (ORCAD) for Product Design.
- NEOLITE having tie-up with Global support partners; Andaltex / ZKW etc. for training development and enhancing skill & competencies.
- Well established ERP based on SAP HANA – MM, SD, PP, PM, PS, QM, FI, CO modules.

**We won Silver in Excellence in Digitalization, Excellence in NPDD & Localization and Bronze in Excellence in Manufacturing as we have:**

- Implemented LCA on assembly which results in 50% increase in productivity.
- Shift from conventional paper based to an online digital PMS System.
- Special connect programs "SAMVAD" for all new joiners towards employee engagement.

- On spot talks on 6S and related topics and activity as "AAJ KI SHAPATH" towards shopfloor employee engagement and participation.
- Installation of pick and place robot on molding machines for unloading of parts towards industry 4.0 implementation.
- Presence of cloud footprints as: Azure Backup & Recovery, Google Workspace, MS O365.
- PNG fuel as replacement for diesel for DG sets and retro fitment in DG sets for reduction in air pollution.
- Centralized temperature controller system installation.
- Replacement of Conventional molding machine with Electric machines.
- Localization of machine spares to reduce lead time and cost.
- 15% of the electricity usage is through solar power generation.
- Overall lead time reduction in "New Product Design & Development" (NPDD) process.
- Awarded for "HR Best Practices" in ACMA - zonal competition.

### Your views on ACMA Awards process and how it is helping your company to improve further :

ACMA assessment has always been an opportunity to validate our improvement journey towards a right direction. Also, it suggests to move forward with all needed improvements approach or in process. Virtual audit has found to be equally serving the purpose by having interviews with relevant section of people using video conferencing, reviewing documents & records by sharing screen. We could also manage to have virtual plant round to the assessor using mobile phones although it has been a little challenge due to network accessibility in some of the pockets of shop floor. Overall, the experience of having the complete assessment with the virtual platform has been a new but good experience with giving further scope of digital technological enhancement. With this experience we look forward for further improvement in all domains of manufacturing.







RSW

## Company / Plant Name & Location

**Ramesh Sun Wire Private Limited, Bhandara Road**

▶ Mr. Satish Machani (Director and Co Promoter) | Mr. Pranav Bhardwaj (Director and Co Promoter)

**Category : SME**

**Company Information:** (in brief along with, Products, Customer names)

First Indian Company to indigenously develop and manufacture IHT wire as make in India Project.

Reduced Lead time for OEMs with localized supply of globally competitive IHT Wires.

### Customers are -

- 1) Stumpp Schuele & Sompaa Springs Pvt. Ltd.
- 2) Stumpp Schuele & Sompaa Auto Suspension Systems Pvt. Ltd.

**Company Strengths:** In Bullet points (manufacturing process strength, best shop floor practices, unique features, Technology, employee morale etc.)

- High Quality spring steel wire manufacturing is ensured with state of art technology and computerized process control and continuous data logging /monitoring of operating parameters.
- Online defect testing system for the wires with the best equipment available in the world.
- Wires are 100% Eddy current tested online.
- Manufacturing of completely import-substitute indigenously developed IHT Wires for India as well as the global customers.

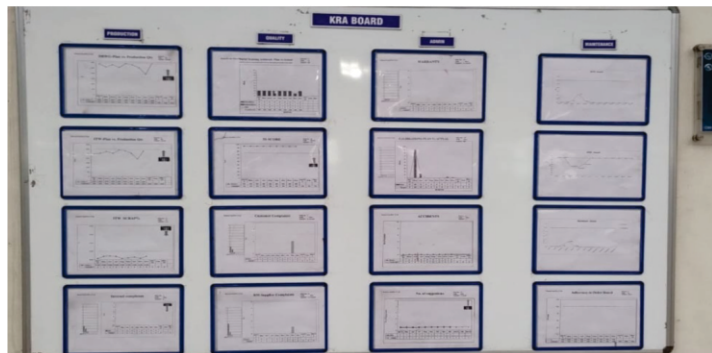


**We won Bronze in Excellence in NPDD & Localization as we have:**

- Quality effectiveness of spring steel wires produced at RSWPL, rests on use of state of art technology along with computerized process control and monitored operating parameters.
- Manufacturing of completely import-substitute indigenously developed IHT Wires for India as well as the global customers.
- Faster NPD within time frame.

**Your views on ACMA Awards process and how it is helping your company to improve further :**

- AAAA (ACMA Awards overall process, Applications, Site assessment and how it is helping you .. like total green and online process, applications are easy to understand and do gap analysis, Site assessment very useful etc.)







## Company / Plant Name & Location

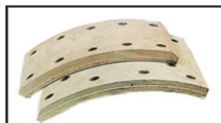
**Rane Brake Lining Limited, Sethurapatti Village, Fathima Nagar Post, Tiruchirappalli - 620012, Tamil Nadu**

► **Mr. R Balakrishnan, President**

**Category : Large**

### Company Information:

Design and Manufacture and Supply of Passenger Car Disc Pads (PCDP), Passenger Car Brake Lining (PCBL) and Commercial Vehicle Brake Lining (CVBL)



### Customer names :-

- Brakes India Private Limited
- Hitachi Astemo Brake Systems India Private Limited
- Mando Automotive India Private Limited
- Automotive Axles Limited
- Continental Automotive Brake Systems (I) private Limited

### Company Strengths:

- First Friction material company to win the Deming Grand Prize (DGP) in 2013
- State of art, IT enabled manufacturing facility with end to end traceability
- Only friction material company in India with
- Complete friction formulation & raw material development with in-house capabilities.
- Complete in-house product design validation test facility
- GPTW certified company for 6<sup>th</sup> consecutive year
- Audited and approved by MSIL, TATA, Ashok Leyland, M&M, Suzuki, Honda, Volkswagen & Toyota Motor Corporation.

### We won Gold in Excellence in Sustainable Business, Excellence in NPDD & Localization as we have:

- Entire manufacturing processes linked with Quality traceability system (integrated with existing ERP system).
- Use of Digital FIFO on Raw material store to monitor the stock levels / storage locations / shelf life / MSDS / supplier details
- Usage of RFID (Radio Frequency Identification Device) technology as part of quality traceability system
- RFID to validate grade versus process parameters before start of every process
- Auto selection of process parameters through bar code scanning & validation in all process
- 100% Poka-yoke available for all critical to quality (CTQ) parameters & characteristics
- Implemented custom built online SPC software with auto data capturing system for critical process
- Improved the pad traceability to vehicle level through 1D bar code printing in our products

### New product development

- Rane brake lining is future ready with products meeting global regulations on Copper use, Electronic parking brake & Integrated parking brake.
- Make in India initiatives have been part of development to maximize cost benefit and also quick turnaround time for our customer
- Green manufacturing initiatives of manufacturing environment friendly friction material which includes 100% Asbestos free

friction products.

- Rane brake lining has also been part of government working panel to arrive at regulation standard for replacement lining in India.

### Best shop floor practices

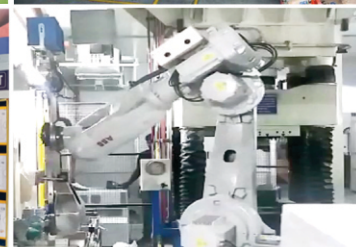
- TQM practices
- Daily Routine Management (DRM), Daily morning market meeting and Rane Brake Production System (RBPS) is being practiced on continuous basis
- Structured multi-level audit system (using different check list) for all process
- Structured Maintenance Management System (MMS) and Tool Management System (TMS)
- Systematic implementation of Productivity improvement ideas through detailed Lean Frame work formulated by Rane Brake Lining.

### Sustainability :-

- Using 60% of energy from renewable energy sources (Solar & Wind). Complete plant is operated with 100% renewable energy during seasonal periods.
- Solar evaporation system ensures zero liquid discharge
- 25% of plant area dedicated for green belt development – 750+ trees are planted as of now.
- Projects on waste re-usage through weight optimization and engineering design solutions
- Entire plant daylight is managed through transparent roofing system
- 100% of duct generated is being used for co-processing in other industries

### Your views on ACMA Awards process and how it is helping your company to improve further :

- Near Miss, Unsafe act, Unsafe conditions can be recorded using an online system, Which is currently recorded using an MS excel sheet
- Medical expenses - Bifurcate & track the expenses for proactive & reactive initiatives. (Proactive-higher would be better and reactive -lower would be better)
- In addition to current energy saving metrics, track C02 emission also as one of the DRM







## Company / Plant Name & Location

**Rane (Madras) Ltd., Pantnagar**

► **Ms. Gowri Kailasam, President**

**Category : Very Large**

**Company Information:** Steering Gear & Linkages Division (TML, M&M and AL)

**Strengths :** Headquartered in Chennai, India, Rane Group is engaged primarily in manufacturing auto components for well over five decades. Rane Group is a preferred supplier to major OEMs in India and abroad. Through its group companies, it manufactures Steering and Suspension systems, Friction materials, Valve train components, Occupant safety systems, Die-casting products and Connected mobility solutions. Its products serves a variety of industry segments including Passenger Vehicles, Commercial Vehicles, Farm Tractors, Two-wheelers, Three-wheelers, Railways and Stationary Engines.

The group companies include Rane (Madras) Ltd., Rane Brake Lining Ltd., Rane Engine Valve Ltd., ZF Rane Automotive India Pvt. Ltd., Rane NSK Steering Systems Pvt. Ltd., Rane T4u Pvt. Ltd. and Rane Precision Die Casting Inc.

Rane Group partners with the global leader for access to world class technology. Our partners are

- ZF Group, Germany - Hydraulic Power Steering Systems and Occupant Safety Systems
- NSK, Japan – Energy Absorbing Steering Columns and Electric Power Steering
- Nisshinbo, Japan – Brake Linings, Disc Pads and Clutch Facings

Rane Group has 26 modern manufacturing facilities with TS 16949 certification in India and USA. Rane Group's products are sold across 30+ countries. We possess state-of-the-art product development and validation capabilities. Three of our group companies have won Deming Grand Prize and five of our group companies have won Deming Prize.

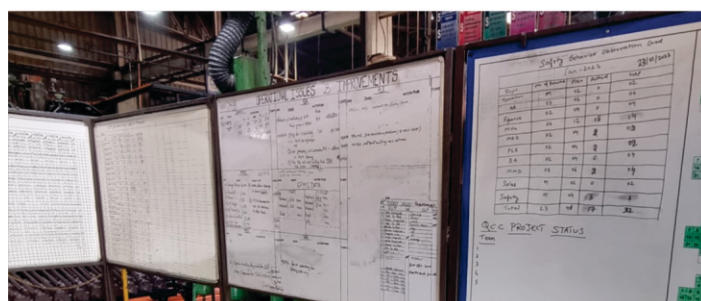
## Our Value Proposition is to :

- Produce superior products driven by execution excellence
- Be trusted partner with shorter development lead times
- Support customer requirements with agile manufacturing process and scalable facilities
- Provide system-level solutions with deep understanding of customer needs
- Offer light-weighting solutions and components with improved safety and performance

Rane Group is a long term partner of choice to leading automotive companies and tier 1 suppliers, globally

## We won Certificate in Excellence in Manufacturing as we have:

**Your views on ACMA Awards process and how it is helping your company to improve further:**







# THE **FUTURE** OF MOBILITY



MANUFACTURER OF BEST-IN-CLASS AUTOMOTIVE COMPONENTS  
AND SYSTEMS FOR INDIAN AND GLOBAL MARKETS

18,000 EMPLOYEES | 60 LOCATIONS | 21 COMPANIES  
13 JOINT VENTURES | 5 TECHNICAL COLLABORATIONS

ACYM

ANCHEMCO

ANEVOLVE

ANSYSCO



FORVIA  
faurecia

GABRIEL



HL Mando



MAHLE

SUJÁN



[www.anandgroupindia.com](http://www.anandgroupindia.com)





## Company / Plant Name & Location

**Rane Brake Lining Limited, R.S.No. 48,49 & 50, Sanyasikuppam, Thirubuvanai P.O, Puducherry - 605107**

▶ **Mr. R Balakrishnan, President**

**Category : Large**

### Company Information:

Design, Manufacture and supply of Two Wheeler Disc Pads/ Passenger Car Disc Pads and Commercial Vehicle Disc Pads

### Company Details:

- Brembo Brake India Pvt Limited
- Endurance Technologies Limited
- Hitachi Astemo, Ltd.

### Company Strengths:

- First Friction company to win Deming Grand Prize in 2013
- Manufacturing Asbestos free products with complete end to end tractability with latest technologies
- Only friction material company in India with
- Complete friction formulation and raw material development with In-house capabilities
- Complete In-house product design validation test facility

**We won Gold in Excellence in Manufacturing and Bronze in Excellence in Sustainable Business as we have:**

### Technology / Process strength / Unique features:

- Entire manufacturing processes linked with Quality traceability system
- Use of Digital FIFO on Raw material store to monitor the stock levels/ storage locations/ shelf life/ MSDS/ supplier details
- Usage of RFID (Radio Frequency Identification Device) technology as part of quality traceability system
- RFID to validate grade versus process parameters before start of process
- Auto selection of process parameters through bar code scanning & validation in all process
- Poka-yoke available for all critical to quality (CTQ) parameters & characteristics
- High technology machines in plate preparation process & scorching process to ensure zero distortion of back plates and good field performance
- Implemented custom built online SPC software with auto data capturing system for critical process

### Best shop floor practices

- TQM practices
- Daily Routine Management (DRM), Daily morning market meeting and Rane Brake Production System (RBPS) is being practiced on continuous basis
- Structured multi-level audit system (using different check list) for all process
- Structured Maintenance Management System (MMS) and Tool Management System (TMS)

### Culture / TEI (Total Employee Involvement): -

- Unique custom built In- house DOJO center with 7 days program as part of induction and training
- Customized DOJO training set up available as part of OJT (on the job training)
- Morning exercise with energy booster 'Daily Oru Thirukural' (to impart value education)
- 100% Total employee involvement in suggestion & QC circle
- GPTW (Great place to work) score – 99%. Higher than India top 50 companies average. Sustaining GPTW certified company status from 2018 onwards
- Rane brake lining have won over 23+ customer and National awards & recognition at various forum.

### Your views on ACMA Awards process and how it is helping your company to improve further :

- Study the market out performance
- Theory of constraints application in after market
- Focus on Inventory Turns
- Focus on SMED
- Advanced 5S implementation in shop floor







## Company / Plant Name & Location

**Rane NSK Steering Systems Pvt. Ltd.**, Survey No. 423, Mahagujarat Industrial Estate, Opp. Tara Paint, Sarkhej Bavla Road, Moraiya, Ahmedabad-382 213.

▶ **Mr. Makesh A., President**

**Category : Large**

**Company Information:** Electric power steering supplying to SMG Gujarat and VW Pune

**Company Strengths:** In Bullet points (manufacturing process strength, best shop floor practices, unique features, Technology, employee morale etc.)

- NSK Technology
- 100% R & D Capability
- Best TQM practices with Demining award recognition
- Lean Manufacturing
- On line traceability
- Single piece flow assembly line
- 100% QCC participation
- Strong Joint Venture

**We won Certificate in Excellence in Sustainable Business as we have:**

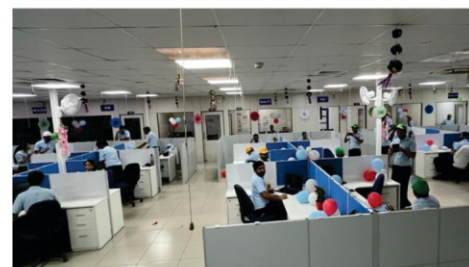
- Good Technology
- Reliable Product
- Skilled Manpower
- Competent staff

**Your views on ACMA Awards process and how it is helping your company to improve further:**

- Helps us for continuous improvement
- Formulate innovative solutions for creating resilient & robust business models for auto component suppliers
- Became competent in market



| KPI Display Board |                              |        |                              |          |        |       |        |        | Plant Performance Monitoring |       |       |        |        |       |        |           |               |
|-------------------|------------------------------|--------|------------------------------|----------|--------|-------|--------|--------|------------------------------|-------|-------|--------|--------|-------|--------|-----------|---------------|
| S. No.            | Index                        | P/A    | Target FY22 (Plan vs Actual) |          |        |       |        |        |                              |       |       |        |        |       |        | FY22 Cum. | KPI judgement |
|                   |                              |        | 1st Half                     | 2nd Half | Apr    | May   | Jun    | Jul    | Aug                          | Sep   | Oct   | Nov    | Dec    | Jan   | Feb    |           |               |
| 1                 | APS Score                    | Plan   | 70                           | 75       | 70     | 70    | 70     | 70     | 70                           | 75    | 75    | 75     | 75     | 75    | 75     | 72        | Green         |
|                   |                              | Actual | 76                           | 76       | 72     | 80    | 70     | 84     | 72                           | 78    | 86    | 68     | 66     | 84    |        |           |               |
| 2                 | Fire & Safety Incident       | Plan   | 0                            | 0        | 0      | 0     | 0      | 0      | 0                            | 0     | 0     | 0      | 0      | 0     | 0      | 0         | Green         |
|                   |                              | Actual | 0                            | 0        | 0      | 0     | 0      | 0      | 0                            | 0     | 0     | 0      | 0      | 0     |        |           |               |
| 3                 | Customer Quality Concern     | Plan   | 1                            | 2        | 0      | 0     | 0      | 1      | 0                            | 0     | 0     | 1      | 0      | 0     | 0      | 1         | Green         |
|                   |                              | Actual | 0                            | 2        | 0      | 0     | 0      | 0      | 0                            | 0     | 0     | 1      | 1      | 0     |        |           |               |
| 4                 | Operation cost per EPS       | Plan   | 88.5                         | 83.3     | 90     | 90    | 90     | 87     | 87                           | 87    | 84    | 84     | 84     | 81    | 81     | 81        | Green         |
|                   |                              | Actual | 85.8                         | 75.4     | 105    | 72    | 89     | 86     | 80                           | 83    | 80.2  | 73.8   | 73.7   | 74    |        |           |               |
| 5                 | Fixed Cost in Millions       | Plan   | 180                          | 120      | 30     | 30    | 30     | 30     | 30                           | 30    | 30    | 30     | 30     | 30    | 30     | 30        | Green         |
|                   |                              | Actual | 169                          | 113.7    | 27     | 27    | 30     | 28.7   | 27.6                         | 28.6  | 29.7  | 26.8   | 27     | 30.2  |        |           |               |
| 6                 | Direct Head Count Reduction  | Plan   | 8                            | 7        | 0      | 0     | 4      | 0      | 0                            | 4     | 0     | 0      | 4      | 0     | 0      | 3         | Green         |
|                   |                              | Actual | 7                            | 8        | 0      | 0     | 0      | 6      | 1                            | 0     | 0     | 4      | 4      | 0     |        |           |               |
| 7                 | Sales in Millions            | Plan   | 3481                         | 2274     | 585    | 584   | 573    | 561    | 566                          | 612   | 602   | 549    | 523    | 600   | 607    | 682       | Green         |
|                   |                              | Actual | 3432                         | 2483     | 476    | 598   | 600.8  | 660    | 505                          | 593   | 563   | 645    | 594    | 681   |        |           |               |
| 8                 | Operating Income             | Plan   | 295.8                        | 193.2    | 49.725 | 49.64 | 48.705 | 47.685 | 48.11                        | 52.02 | 51.17 | 46.665 | 44.455 | 51    | 51.595 | 57.97     | Red           |
|                   |                              | Actual | 259.4                        | 165.8    | 32.1   | 53    | 41.2   | 54.5   | 34.8                         | 43.8  | 43.6  | 37.2   | 33.7   | 51.3  |        |           |               |
| 9                 | Production Nos               | Plan   | 290120                       | 189795   | 49675  | 49675 | 46275  | 47165  | 47665                        | 49665 | 50165 | 46720  | 42855  | 50055 | 50555  | 55395     | Green         |
|                   |                              | Actual | 298097                       | 216643   | 39213  | 53031 | 49120  | 56985  | 44841                        | 54907 | 46963 | 55175  | 55248  | 59257 |        |           |               |
| 10                | Direct labor cost % to sales | Plan   | 0.48                         | 0.48     | 0.48   | 0.48  | 0.48   | 0.48   | 0.48                         | 0.48  | 0.48  | 0.48   | 0.48   | 0.48  | 0.48   | 0.48      | Green         |
|                   |                              | Actual | 0.46                         | 0.48     | 0.45   | 0.51  | 0.46   | 0.44   | 0.48                         | 0.45  | 0.67  | 0.43   | 0.45   | 0.4   |        |           |               |







Excellence in Export  
(Gold)



# ROOP

**Company / Plant Name & Location**

**Roop Automotives Limited, Unit II, IMT Manesar, Gurgaon**

▶ **Mr. Mohit Oswal, Managing Director**

**Category : Very Large**

**Company Information:** Roop Automotives Limited (RAL) is currently into manufacturing of Steering Yokes (hot and ferrous/non-ferrous forging/ sheet metal/[cold forgings

by year 2023 end]), Steering Joints, Slip Shaft Assemblies, I-Shaft Assemblies, Steering Columns, Stub Shafts, Wheel Shafts, Input Shafts, Axle Drive

Shafts etc. both for domestic and international OEMs, Tier I and Tier II suppliers.

Our existing customers are primarily OEMs and Tier I suppliers both in our domestic market (India) as well as parts of North America.

**Domestic Immediate customer:** JTEKT, BOSCH (RBAS) India , SML Isuzu, International Car & Motors Ltd (ICML), & JCB, Nexteer, Rane NSK,

Taeyang & MANDO. End customer: Suzuki, M&M, Hyundai, Ford, Toyota, General Motors, Tata Motors, Mitsubishi etc.

**International Immediate customers:** ZF GROUP, THK, Global Steering Systems, KNORR BREMSE, Douglas Autotech, NSK, RBC, FUJII Autotech &

FUJI Koyo Czech. End customer: Ford, GM, Toyota, VW, Fiat, Freightliner, Bendix, Chrysler, Iveco, Kenworth, Paccar, Mack Truck, Peterbilt, Volvo ,

MAN, CLAAS, Mercedes, Scania, DAF, TESLA, Nissan, Polaris, Navistar, Honda etc.

## Company Strengths:

- Has been manufacturing steering column Yokes since 1992, currently makes over 40 million yokes per year in more than 150 different designs. At present, Roop is largest manufacturer of steering hot forged yokes in the world.
- Unparalleled understanding of the product and its application ; Most of the production and quality control staff have an experience of over 25 years in the manufacturing of this Product Line.
- Our products are catered in North America since year 2000 and EU since 2010, and we have Zero Warranty/Zero Recall/Liability claims as on date.
- A very strong and experienced team for new product design & development backed by in-house product testing capabilities

## We won Gold in Excellence in Export as we have:

- Great Place to Work award winner for 2022-2023
- Fully Automated process which provides us customer satisfaction / quality product / higher OEE
- Dedicated materials departments to ensure right materials and controls.



**Your views on ACMA Awards process and how it is helping your company to improve further :**

- ACMA Auditors insight understanding & knowledge about the industry practice gives us to bench mark our processes against the best and allows to improve further to compete with the outer world.





# ROOP

## Company / Plant Name & Location

**Roop Automotives Limited, Unit I, Plot 439/440 Sector 8, IMT Manesar, Gurgaon.**

► **Mr. Mohit Oswal, Managing Director**

**Category : Very Large**

**Company Information:** Roop Automotives Limited (RAL) is currently into manufacturing of Steering Yokes (hot and ferrous/non-ferrous forging/ sheet metal/ [cold forgings by year 2023 end]), Steering Joints, Slip Shaft Assemblies, I-Shaft Assemblies, Steering Columns, Stub Shafts, Wheel Shafts, Input Shafts, Axle Drive Shafts etc. both for domestic and international OEMs, Tier I and Tier II suppliers.

Our existing customers are primarily OEMs and Tier I suppliers both in our domestic market (India) as well as parts of North America.

**Domestic Immediate customer:** JTEKT, BOSCH (RBAS) India, SML Isuzu, International Car & Motors Ltd (ICML), & JCB, Nexteer, Rane NSK, Taeyang & MANDO. End customer: Suzuki, M&M, Hyundai, Ford, Toyota, General Motors, Tata Motors, Mitsubishi etc.

**International Immediate customers:** ZF GROUP, THK, Global Steering Systems, KNORR BREMSE, Douglas Autotech, NSK, RBC, FUJI Autotech & FUJI Koyo Czech. End customer: Ford, GM, Toyota, VW, Fiat, Freightliner, Bendix, Chrysler, Iveco, Kenworth, Paccar, Mack Truck, Peterbilt, Volvo.

### Company Strengths:

- Most Preferred Supplier with all customers
- 100 % Delivery & Quality Rating
- Low-Cost Spline Generation by Forming Process
- World Largest Steering Yoke Manufacturer
- Inhouse Forging Facilities
- Capability of delivering products all over the world.
- Individual Part Traceability through DMC
- Single Window Contact Available 24 x 7.
- Inhouse R & D Centre Recognized by Govt. of India
- Inhouse Advanced Testing Capability
- More than 60 % Critical Machine Operator have 15 + Years' Experience in Yoke & Steering Components.

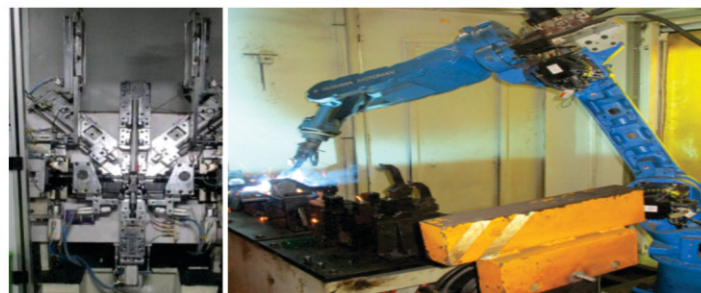
### We won Silver in Excellence in Export as we have:

- Quality System Excellence Award in medium scale by FICCI 2022~23
- Great Place to Work award winner for 2022~2023.
- Gold Awarded in ICQCC 2022
- Silver Award in ACMA Export Excellence 2021
- Dedicated materials departments to ensure right materials and controls

### Your views on ACMA Awards process and how it is helping your company to improve further:

- The process of evaluation was very detailed, and Jury was also interacting with all process owners at ROOP.
- Feedback & Improvement points suggested by Jury was very valuable and has provided essence of engagement and allows learners to take ownership of their learnings.

- This evaluation is helping to understand the requirements for being a world class company and help in working towards achieving the same.
- An award recognition makes people feel that their work is valued. It shows approval and gratitude for each person's good job, and it makes ROOP aware that good work will be rewarded.







**SANSERA**  
ideas@work

## Company / Plant Name & Location

**Sansera Engineering Limited, PLANT 11, No. 48, 2nd Phase, 2nd Sector, Bidadi Industrial Area, Bidadi Ramanagara Taluk, Bangalore - 562109**

▶ **Mr. Sekhar Vasan, Chairman & MD**

**Category : Very Large**

**Company Information:** SANSERA is an engineering-led integrated manufacturer of complex and critical precision forged and machined components catering to OEMs globally.

## Products

### Steel

- Connecting rod
- Crankshaft
- Stem comp steering

### Aluminum

- Stem comp steering.
- Torque Link.
- Footrest.

## Customer Names

FM, FIAT, JCB, DAIMLER, TVS, HARDLEY DAVIDSON, KYB, VOLVO, HMSI, PSA, GM, OLA, BAJAJ, CNH, BMW, POLARIS, TATAMOTORS, CUMMINS.

## Company Strengths:

- Manufacturing process strength – Machine building, Automation, Aluminium forging and Heat treatment, Machining, and surface treatment.
- Best Shop floor practices – Daily work Management.
- Unique features –
- Design & Manufacturing of “Special Purpose Machines”
- Strong Engineering Capabilities
- CAE and FEASimulation
- In-House Forging & Heat Treatment
- In-House Surface Treatment Facilities (Painting, Anodizing)
- Automation

**Technology** - SANSERA has indigenously designed, developed, and manufactured Automation solutions across its Group of companies, enhancing labour efficiency, cutting net cost, and improving product quality.

- Employee morale – As per our mission statement which exhibits Building an employee driven and socially responsible global engineering corporation using innovative methods and efficient management for lasting customer loyalty.

**We won Certificate in Excellence in Sustainable Business as we have:**

- Excellence in Manufacturing.
- Excellence in Sustainable business.

**Your views on ACMA Awards process and how it is helping your company to improve further:**

- Helps our company to explore the potential to its full extent.
- Provides higher strength of visibility towards customers.
- Also acts as a catalyst in motivating our organization as well as employees towards bench marking.
- Creates a clear understanding regarding the improvements needed for enhancing our performance to reach next level of world class standards.



## DAILY WORK MANAGEMENT DISCUSSION TOPICS SANSERA ideas@work



| DWM BOARD TOPICS      |                       |                       |                       |                       |                       |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Machining - NC Parts  | Automotive - NC Parts | Process - NC Parts    | Lean Manufacturing    | 5S Audit              | 5S Audit              |
| CK Log - NC Parts     | CK Log - NC Parts     | CK Log - NC Parts     | CK Log - NC Parts     | CK Log - NC Parts     | CK Log - NC Parts     |
| Automotive - NC Parts | Automotive - NC Parts | Automotive - NC Parts | Automotive - NC Parts | Automotive - NC Parts | Automotive - NC Parts |
| CK Log - NC Parts     | CK Log - NC Parts     | CK Log - NC Parts     | CK Log - NC Parts     | CK Log - NC Parts     | CK Log - NC Parts     |
| CK Log - NC Parts     | CK Log - NC Parts     | CK Log - NC Parts     | CK Log - NC Parts     | CK Log - NC Parts     | CK Log - NC Parts     |



| DWM BOARD TOPICS      |                               |                               |                              |                       |                       |
|-----------------------|-------------------------------|-------------------------------|------------------------------|-----------------------|-----------------------|
| Customer Complaints   | Product Inspection - NC Parts | Process Inspection - NC Parts | Design Inspection - NC Parts | Material Inspection   | Material Inspection   |
| CK Log - NC Parts     | CK Log - NC Parts             | CK Log - NC Parts             | CK Log - NC Parts            | CK Log - NC Parts     | CK Log - NC Parts     |
| Automotive - NC Parts | Automotive - NC Parts         | Automotive - NC Parts         | Automotive - NC Parts        | Automotive - NC Parts | Automotive - NC Parts |
| CK Log - NC Parts     | CK Log - NC Parts             | CK Log - NC Parts             | CK Log - NC Parts            | CK Log - NC Parts     | CK Log - NC Parts     |
| CK Log - NC Parts     | CK Log - NC Parts             | CK Log - NC Parts             | CK Log - NC Parts            | CK Log - NC Parts     | CK Log - NC Parts     |







## Company / Plant Name & Location

**Shore Auto Rubber Exports Pvt. Ltd.,** Gat. No 7, At Post Chimbali, Tal. Khed. Pune ( INDIA ) 412105

▶ Mr. Kishore Keswani, MD

Category : SME

**Company Information:** "Shore Auto Rubber Exports Pvt. Ltd", is a leading manufacturer and exporter in the field of Rubber and Silicone Hoses. We supply our hoses to OEMs and Tier-1s to some of the leading Automotive, Locomotive, Engine, and Compressor manufacturers worldwide. Our direct and indirect customers include GE (UK), Bombardier (India), General Motors (USA), Perkins (UK), and Cummins (USA). We are certified for IATF16949:2016, ISO9001:2015, ISO14001:2015, ISO45001:2018, REACH and ROHS.

**Company Strengths:** In Bullet points (manufacturing process strength, best shop floor practices, unique features, Technology, employee morale etc.)

- Dedicated Team worldwide with quick response to customer needs.
- We are supplying in diversified sectors like Construction Equipment, Agri-equipment, Mining Equipment, Trucks, Buses, Marine Equipment, Stationary Engines, Railways, Automobile
- Very strong in making complex hoses with spouts/meta-parts/etc. A dedicated Engineering team to support the clients while designing a hose, by suggesting appropriate materials, performing any functional tests on the hoses, and material testing (as per SAE, ASTM, DIN or other Standards)
- The low-cost base for labour-intensive products.
- Capability to convert several hose connections, into a 1 piece design

### We won Gold in Excellence in Export as we have:

- A very good network of distributors worldwide, who can serve the local OEM and Aftermarket just-in-time
- Very good customer retention/loyalty over the years with our top customer
- Excellent Growth in Export' revenues.

### Your views on ACMA Awards process and how it is helping your company to improve further :

- The process helps us to introspect on what is needed to be improved on the shop floor while benchmarking with industry peers.







Excellence in NPDD & Localization  
(Bronze)



**SHRIRAM PISTONS & RINGS**

**Company / Plant Name & Location**

**Shriram Pistons And Rings Limited, Ghaziabad**

► **Mr. Krishnakumar Srinivasan, MD & CEO**

**Category : Very Large**

**Company Information :** Driven by advance technology, the Company has the capability to provide end-to-end solutions which include Design, Development & Validation of products for their customers at its integrated Tech Centre with highly talented Design and Engineering Professionals in Concept Design, FEA, Simulation, Rig Testing, Prototype Development and Engine Testing & Analysis. This is supplemented with continuous Technology and Application Engineering support from the technology partners including Advanced Engineering and manufacturing processes. With the trusted quality products, SPRL is supplier to all the OEMs in India. These OE customers include Tata Motors, Tata Cummins, Ashok Leyland, Daimler, Volvo Eicher, Maruti Suzuki, Honda, Hyundai, Hero MotoCorp, Honda Motorcycle & Scooter, Bajaj, TVS, Royal Enfield, Mahindra, Swaraj, John Deere, CNH, Escorts, Tafe, ITL, Kirloskar, HIPP and ZF-Wabco.

#### Company Strengths:

- Manufacturing 4 different engine components at one location, unique in the world.
- Variety of Surface treatment technology Chrome Plating, Gas/Liquid Nitriding, Composite Coatings of Ceramics with Chrome, Hard Anodizing, Plasma Coating, Physical Vapor deposition, Screen Printing, Phosphating etc.
- Environmentally Conscious Entity-100% Compliance with all environmental regulations. Strong focus on ESG.
- Driven by 6P culture in the organization
  1. Core Organization Values
  2. OTTT Framework (Openness, Trust, Transparency, Teamwork)
  3. Continuous Improvement through Challenging the Status Quo
  4. Create a Learning Organization
  5. Culture of Execution
  6. Appreciate & Motivate Performance at all Levels

#### We won Bronze in 'Excellence in NPDD & Localization'

##### The above awards are attributed to following:

- More than 25% sales attributed to New Product
- Strong professional and personal bond with employees- Touching the lives of people
- Focus on continuous improvement - Awarded with TPM & TS-16949 Certifications
- Regular customer rewards and recognition for Quality, Delivery, Development and Management support

It is heartening that ACMA has brought in new spirit into its process of assessment by introducing total green & online application process to site assessment, evaluation till the finalization of award. The process adopted by ACMA is fully transparent. Few other areas where we feel value for SPRL are;

- Preparation for ACMA Assessment gave SPRL an opportunity to revisit systems and procedures - identifying gaps & triggering improvement projects by highlighting opportunities for Export Business and NPPD & localization.
- Winning of such prestigious awards has boosted the morale of the team -encouraged them to challenge themselves further and embark on a journey for continuous improvement.
- Site assessment and Auditor's feedback helped us understand our strengths v/s competition and identify opportunities for improvement.







**SHRIRAM PISTONS & RINGS**

**Company / Plant Name & Location**

**Shriram Pistons And Rings Limited, New Delhi**

▶ **Mr. Krishnakumar Srinivasan, MD & CEO**

**Category : Very Large**

**Company Information** Shriram Pistons & Rings Ltd (SPRL) has an exceptional lineage of Shriram Group, one of the reputed Industrial houses. SPRL is the largest manufacturer of Pistons, Pins, Rings and Engine Valves in India, with two Manufacturing units in Ghaziabad, Uttar Pradesh, and one in Pathredi (Rajasthan), employing over 6000 motivated and multi-skilled employees. Its products are well accepted and marketed under the SPR and USHA brands, names that are synonymous with Quality and Reliability within India & Globally.

Export is at the core of SPRL's business strategy. Development and manufacturing of the latest technology products for OEMs in Europe, USA, etc. challenges the enterprise to hone its manufacturing processes, technology, and quality to global standards. This acts as a catalyst to transform the entire organization. Not surprisingly, SPRL is the largest exporter of Pistons and Rings from India to discerning customers, including Perkins, Fiat Power Train, Cummins, Yanmar, BMW, Daimler, BRP Rotax, Kubota, Wabco and the company has the 3 Star "Trading House" status from the Government of India.

#### **Company Strengths:**

- Collaboration with Global Leaders for Products and Production Technology-Kolbenschmidt (Germany), Riken Corporation (Japan), Fuji Oozx (Japan) and Honda Foundry (Japan)
- State of the Art 'Tech Centre', providing end to end solutions to customers. Wide variety of unique features and technology.
- Industry 4.0 enabled shop-floor
- Robotized and Automated Production
- SPMs (Special Purpose Machines) for production
- Strong Manufacturing Process and Practices
- End to end traceability
- Different products manufactured with Cast Iron, Steel and Aluminum
- Variety of material treatment processes: Solutionizing, Ageing, Hardening, Tempering etc.

#### **We won the 'Gold in Excellence in Exports'**

##### **The above awards are attributed to following:**

- Largest manufacturer of Pistons, Pins, Rings and Engine Valves in India
- Best in class Quality products
- Highest Exporter for Pistons & Rings out of India since last many years
- Strong Corporate Governance - Won Golden Peacock Award in Dec'22
- Focus on Safety - Awarded with British Sword of Honor for safety practices
- High morale- Company with one of the industry's lowest attrition rate

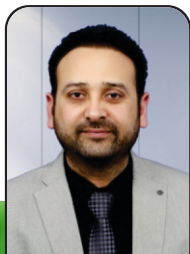
#### **Your views on ACMA Awards process and how it is helping your company to improve further:**

It is heartening that ACMA has brought in new spirit into its process of assessment by introducing total green & online application process to site assessment, evaluation till the finalization of award. The process adopted by ACMA is fully transparent. Few other areas where we feel value for SPRL are;

- Preparation for ACMA Assessment gave SPRL an opportunity to revisit systems and procedures - identifying gaps & triggering improvement projects by highlighting opportunities for Export Business and NPPD & localization.
- Winning of such prestigious awards has boosted the morale of the team -encouraged them to challenge themselves further and embark on a journey for continuous improvement.
- Site assessment and Auditor's feedback helped us understand our strengths v/s competition and identify opportunities for improvement.







## Company / Plant Name & Location

**Skyway Forge, V.P.O Jugiana G.T Road Ludhiana. Punjab.**

► **Mr. Hanish Gupta, Managing Partner**

**Category : SME**

**Company Information:** A family owned Skyway Forge is enterprising entrepreneurs established in 2011, it expanded

Activities by having five manufacturing units & a logistic /warehouse support center. Company is into second generation

management under aegis of Mr. Hanish Gupta & Mr. Mitul Gupta, a qualified & experienced persons vision is to expand & diversify group activities by going in for new high technology industry & also explore possibility of joint venture with a foreign company. All companies of our Group are

IATF-16949:2016 | ISO-9001:2015 Co. ISO-14001:2015 Co. | ISO-45001:2018 Co. | ISO 5692-1:2004 Co.

MSME ZED Gold certified. All companies have state of art manufacturing facilities with latest machinery & testing equipment.

### Company Products:

- Automotive Products.
- Agriculture products.
- Customized Products.

**Company Strengths:** In Bullet points (manufacturing process strength, best shop floor practices, unique features, Technology, employee morale etc.)

- Customer Centric Culture
- Trust, Transparency and Teamwork
- Passion for Innovation
- Global Presence
- Entrepreneurial mindset
- Innovative business models
- IATF 16949-2016 & ISO 9001:2015, EMS 14001:2015, ISO 45001:2018, ISO 5692-1:2004, MSME ZED Gold Certified Company



### We won Silver in Excellence in Business Sustainable, Bronze in Excellence in Export as we have

- Excellent in exporting facilities.
- Excellent manufacturing facilities.
- Competent staffs & skilled manpower
- FIFO followed
- Documentation followed as per International/National Standards.
- Always maintaining customer delight through consistent quality & delivery of parts.
- Innovation & Advance Technology implementation in manufacturing processes.

### Your views on ACMA Awards process and how it is helping your company to improve further :

Well established system of assessment which gave us insight of opportunities & gaps within our system.

Experienced & qualified auditor's advice and support received during assessment have given opportunity to give insight on improvements & strengthen our team work.





### Company Information:

JV of Sogefi France & ADM Group India with inhouse capability to Design, Manufacture, Prototype, test & Validate of Anti Roll Bars (Stabilizer Bar- Cold & Hot bended- Solid & Tubular) to cater all type of automotive market viz - PV/LCV/HCV.

### Company Strengths :-

#### Manufacturing process.

#### Best Practices:

- Forging Culture of Continuous Improvement.
- Hot Bending Dedicated team & expertise in design,
- Cold Bending development & prototype of antiroll bar.
- Tubular Bending Safety first.

**Unique feature :** Manufacturer of Anti Roll Bar from Dia 14mm to Dia 60mm in solid as well as tubular, Covering entire range of automotive market segment: LV, PV & HCV

### Technology:

- Manufacturing of stabilizer bars by Hot Bending
- Manufacturing of stabilizer bars by Cold Bending
- Manufacturing of Tubular bars by conduction heating and cold bending
- Heat treatment

**Employee Morale:** We drive multiple initiatives to engage & enable the team. This includes Training & Development , employee communication & recognition forums , Capturing the employee voice & other initiatives such as Quality Circle, kaizens awards, Townhall – Monthly basis , initiatives for our women employees & focused activities towards the health & safety of our employees.

### We won -

1. **Silver - " Excellence in NPDD & Localization "**
2. **Bronze - " Excellence in Digitalization "**
3. **Certificate - " Excellence in Sustainable Business "**

as we have:

Winning multiple awards has reinforced that we have best in class systems in SADM. The team I motivated post receiving the award & is looking at how to sustain & drive more improvements.

### ACMA Awards assessment has helped us in following ways:

- Well established system of assessment which gave us insight of opportunities & gaps within our system. This has helped us to drive improvement initiatives within the company.
- Experienced & qualified auditor's advice and support received during assessment has given us an opportunity to give insight on drive improvements.







## Company / Plant Name & Location

**SP Engineers Autotech India Pvt. Ltd. & DP-20, Electrical Industrial Estate, Kakkalur, Thiruvallur.**

▶ **Mr. Satheesh Kumar, Managing Director**

**Category : SME**

### Company Information:

SP Engineers Autotech India Private Limited is an organization with 25 years of experience in manufacturing Automobile Parts, General Fabrication and Solar Products.

Ours is an IATF 16949:2016 (by BSI) and SQ MARK (by HMI) certified company.

SP ENGINEERS has employed approximately 400 employees across all locations and has excellent industrial relationship with its employees for over 25 years. With TEI (Total Employee Involvement) as the main focus, SP ENGINEERING motivates its employees through Improve Morale, Enhance Employee Motivation, Cultivate Innovations, Increase Productivity, Increase ownership & Commitments, Increases Trust in Organization, Team work.



### Company Strengths:

- Excellent Customer Service
- Highly experienced team of professionals
- In-house machine maintenance team
- Regular Kaizen Activities
- Best in Class Design Team

### We won Certificates in Excellence in NPDD & Localization, Excellence In Sustainable Business Category as we have:

- Good Team Work
- Utilization of Green Energy (Solar Panel)
- Focus on Customer satisfaction through CSR Implementation
- Sincerity, Honesty, Dedication, Passion & Self-Discipline are SPE Core principles.
- Employee engagement activities.

### Your views on ACMA Awards process and how it is helping your company to improve further :

- On comparing with world class technologies, we were able to get proper results from auditor and development points to improve our standards.
- we came to know about the process and to improve company against the world class process technologies.







## Company / Plant Name & Location

**Sterling Tools Limited**, Plot no.- 109-P1, P2 & 110, Vemagal Industrial Area, Kolar – 563 102

▶ **Mr. Anil Agarwal, Managing Director**

**Category : Large**

**Company Information:** (in brief along with, Products, Customer names) Sterling Tools Ltd., was incorporated as private limited company on 07.06.1979 and begun commercial production in June 1981. Became public limited company on 21.10.1994. The company is engaged in the manufacture of High tensile cold forged fastener for automobiles and other industrial applications. The company commenced operation in 1981 with an installed capacity of 1500 MT annually.

Over the years we have honed our skills in house and today we manufacture over 3000 types of fasteners spanning a range of 5.00 mm to 24.00 mm dia. Due to the addition of various multi station forging machine and matching capacity addition in other areas, our finished product capacity has increased to over 40000 MT per year.

The company has the distinction of having recorded uninterrupted profits for the last 40 years. Our major reputed customers include Maruti Suzuki India Ltd., Ashok Leyland, TATA, Hero Honda, Honda Scooters, Honda Car, GM, New holland , M&M , Daimler & Iljin etc., Our export network includes countries such as UK., Italy , Germany and France.

Now towards our journey of continuous improvement and up gradation of systems, we certified for TS16949, ISO 14000 & ISO 45000.

## Company Strengths:

In Bullet points (manufacturing process strength, best shop floor practices, unique features, Technology, employee morale etc.)

- Company dedicated towards World Class manufacturing System establishment by having /doing best practices.
- Entire process has been automated and taking all efforts to reduce/Eliminate the manual intervention.
- Across the plant Industry 4.0 has been implemented.
- The best DOJO (Training) center is available to promote on-the-job training as well as classroom training.
- Other than this, Digitalization have been deployed in HR, Maintenance, Quality assurance module.
- Employees are motivated through various program including Kizan awards.



## We won Silver in Excellence in Manufacturing as we have:

- Industry 4.0
- Best manufacturing practices
- High level of Motivated young team.
- Best automation and ergonomics

## Your views on: ACMA Awards process and how it is helping your company to improve further.

- ACMA Assessment helps us to reveal our complete strength and gaps.
- Performance indicators are essential for any organization and help us to understand our focus points.
- During the assessment, the assessor, help us to identify our strength and area of improvement. With their rich industrial experience, we could be able to learn the best practices for implementation.
- The ACMA award gives excellent support during customer audit and helps us to uplift our values and business approval.







**Subros**

**Company / Plant Name & Location**

**Subros Limited, Noida**

▶ **Mr. P.K. Duggal, CEO**

**Category : Very Large**

### Company Information:

Subros is a leading supplier of thermal system in India. Established in 1985, the company is engaged in the design manufacturing and supplying of high quality products to all major auto makers in the passenger and commercial vehicle space covering Railways and Home AC applications.

Subros is a listed and joint venture between Suri Group, Denso Corporation Japan and Suzuki Motor Corporation Japan. Denso is also the company's technology Partner and is a leading global supplier of advanced automotive technology systems and components in the auto arena.

The company has grown from a capacity of 15,000 AC units in 1985 comprising of largely an assembly operation, into the largest and only integrated manufacturing unit in India for auto air conditioning systems.

Subros manufactures compressors, condensers, heat exchangers and all connecting elements required to complete AC loop and caters to all segments viz. passenger vehicles, buses, trucks, refrigeration transport, off- roaders, residential air conditioners & railways.

Subros has manufacturing plants at Noida, Manesar, Pune, Chennai, Nalagarh and Karsanpura with an annual capacity of 1.8 Million AC Kits per annum beside a well equipped R&D Center and Tool Room at Noida

Major Customers - Maruti Suzuki, Denso, Tata Motors, Renault Nissan, Mahindra, Force Motors

### Company Strengths:

Subros is already India's Largest & No-1 Auto Air Conditioning System and Thermal Product Manufacturing Company having Market Share of 44% in Passenger Car AC Segment & 52% in Truck/Bus AC segment.

**Subros has diversified their products in four segments as follow...**

#### A- Passenger Vehicles

#### C) Railways

#### B) Commercial Vehicles

#### D) Home AC

- Subros having collaboration / Joint Venture with Denso Japan (World's No-1 Thermal Product Manufacturer) & Suzuki Motor Corporation Japan.
- Subros products & processes are aligned with Denso & TICO (Toyota Industry Corporation) process/ standards. and on regular basis, Subros benchmarking own process wrto Denso & TICO Process (World No-1 Company) to provide world class products to customers.
- Subros having its own R&D centre partnered by Denso, to design & develop products according to customer or market needs.(current & future)
- Subros key focus area is to provide quality products to customer with zero defect approach as well as focusing on providing cost effective product to customer.

- Continuously monitoring / benchmark market share & Industry growth ratio by market segment wise (Passenger, buses, Commercial vehicle, Off road vehicle), by Customer wise (Maruti, Suzuki, Toyota, Mahindra, Renault, Tata etc), by product wise (HVAC, Compressor, Evaporator, Condenser, Bus AC kit etc) and align strategy towards growth .
- Dedicated marketing team is there to bring new business & collecting competitor data & doing comparison to identify scope of improvement & position where subros are standing. Supported by manufacturing team to improve on continuous basis.
- Subros is identifying market/customer current & future needs and Subros's R&D team works to design and develop products accordingly eg. Rotary vane compressor technology introduced to meet light vehicles requirement regarding improve mileage similarly working now on variable drive and electric compressor technology to meet future customer requirement.

### We won Silver in Excellence in Manufacturing as we have:

- Manufacturing Excellence Model & Deployment process for each functions/ department
- Customer Focus – Zero defect Strategy / Monozukuri, TL Round, QA network and MSSe Compliance
- Total Employee Involvement through CFT Approach and Involvement of Associates levels
- Training systems & People excellence model for each levels from supervisors to Management level ( SDP / MDP / LEAD / Out bond training etc)
- Sustenance strategy and deployment with implementation lot, Digitalization, Automations, Visualizations and machine building through indigenous capability.

### Your views on ACMA Awards process and how it is helping your company to improve further:

Excellent evaluation process & Transparency during Online site assessment & Lot of learning given by jury based on that their experience of good practices going on in other companies







## Company / Plant Name & Location

**Takshi Auto Components Pvt. Ltd, S. No 152/2, Plant 3 Ambethan, Chakan Talegaon Road, Pune, 410501**

▶ **Mr. Amol Patel, Managing Director**

**Category : SME**

**Company Information, Products and Customers:** Takshi Auto Components Private Limited is a private limited company established in the year 2003 in Chakan, Pune Maharashtra. It has got three plants in Pune (Maharashtra) and one plant in Haridwar (Uttarakhand). TACPL caters to esteemed customers (OEMs) like Mahindra and Mahindra (M&M), Mahindra Vehicles and Motors Limited (MVML), Mahindra Electric Mobility Limited (MEML), American Axles Manufacturing Limited (AAM), Automotive Axles Limited (AAL), Volvo Eicher Commercial Vehicles Ltd, Dana Spicer India Ltd. TACPL is into manufacturing of E-Axle, Axle Housing, Independent Front Suspension, Suspension Systems, Axle Tube Assembly, Differential Case, Off Highway Axles. TACPL is an IATF 16949 certified company and follows this Quality Management System for its products and processes.

### Company Strengths:

#### Manufacturing process Strengths:

- Customer/Product centric single piece flow line setup.
- Development of special processes like powder coating and robotic welding in house which maintains quality and ensure efficiency. Critical process are monitored and controlled under stringent parameters.
- We follow APQP process approach of 5 phases for new developments of parts with time lines and review mechanism in place for each phase.

#### Best Shop floor practices:

- Daily DWM at 9.00 AM with plant supervisors for 15 mins.
- Encouraging Kaizens and Quality Circles on shop floor on all lines.
- Following 5S, AM, SWCT, SMED, SKILL MATRIX, HOURLY OUTPUT, Tooling and Maintenance, Heijunka standards on the shop floor. -
- Capturing of unsafe incidences, Acts, and near misses on the Shop floor and ensuring that plant is safety accident /incidence free plant.
- Calculation of the OEE of critical and important machines.
- Getting and taking action on the Customer assessment and feedback.

### Technology:

#### A Two-Level strategy is followed at Takshi.

- Company would design, develop and manufacture its own product under its own brand name.
- Product design is made available by our customer and we manufacture the same as per customer requirement.

Design validation is through DFMEA & CAE analysis and customer approval. Prototype development is as per print and validation through metrology /metallurgy.

### Unique features:

Takshi Auto is striving to become environment friendly and focus on Rain water harvesting, recycling water through ETP and STP plants to be used for gardening and toilets, reducing the electrical energy by changing all factory lights to LED lights, reducing the use of plastics in packaging and using returnable metallic pallets in place of wooden pallets for products shipments to customer. Encouraging employees to plant more trees in factory premises.

### We won Silver in Excellence in Manufacturing as we have:

- Alignment in strategy, systems, processes and clarity of outcomes for each business area and practice
- Methodical procedure of introducing an activity, process, program, or system to all applicable areas of an organization in a systematic manner
- Periodic process review and change in the organization, basis the organizational necessities and complexities.
- Focus on uniform processes and systems in the organization and clear platforms for knowledge sharing and process transformation
- Clarity in results and outcomes set for all internal processes with well-defined linkage to activities. Targets and goals set keeping external and internal environment in mind and processes have a direct bearing on results.
- A system of process results feeding to cumulative business metrics in the organization that ensure a systematic achievement of sustainable practices.

### Your views on ACMA Awards process and how it is helping your company to improve further:

The ACMA awards process was a good learning to Takshi Auto, Plant 3 as interacting with the ACMA assessor during the Virtual audit and Plant Tour, various valuable inputs were given by the Assessor which are beneficial for the Company for future growth. The overall process of Application was very easy to understand and do Gap Analysis. The whole process of interacting with ACMA was a good experience for Takshi Auto.

By participating in the ACMA Awards process for Excellence in Manufacturing, Takshi Auto could understand and set a target for further self-growth and development in the area of Business Excellence for future years and thus ensure satisfaction all its Stakeholders and explore further opportunities of Business.







## Company / Plant Name & Location

**UNO MINDA Ltd.,** (Formerly known as Minda Industries Ltd.) Switch Division, B-6, MIDC Chakan, Mahalunge, Tal.- Khed, Pune- 410501, Maharashtra

► Mr. Ravi Mehra (DMD & CEO-Uno Minda Ltd)

Category : Very Large

**Company Information:** Uno Minda Ltd.-Switch Division Plant Established in 2001 with a Plant Area of 21545 Sq. mtr and Manpower Strength of (Operations) 615 nos, Plant is IATF-16949-2016, EMS-14001-2015 & OHSAS-45001-2018 certified company. Major Customers list comprise of M/S Bajaj Auto Ltd., M&M, Brembo, Piaggio, IKM. Main Products are 2Wheeler & 3 Wheeler Control Switches, Brake switches & Handle Bar Assemblies.

### Company Strengths:

- Uno Minda Ltd is a leading global supplier of automotive components and systems to leading Indian and international OEMs as Tier-1
- Number 1 Position in 2W Switch Business
- JIPM TPM Excellence Category A award achieved through Continual Improvement.
- Great Place to work certified organization
- Company religiously practices DWM, DOJO and 5S Culture across organization
- 1000+ Pokayoke implemented at Assembly zone for mistake proofing and De-skilling
- BEST Safety practices and zero accident history from over a decade continuously
- Open house office culture, no closed cabins
- Company promotes continuous improvement culture through BEST (Business Excellence through Simple Techniques) and organizes Internal and Regional BEST conventions to promote 100% Employee participation and encourage creativity

### We won Bronze in Excellence in Sustainable Business and Certificate in Excellence in Export as we have:

- A Technology leadership & its flagship R&D center for advanced technologies called CREAT (Centre for Research, Engineering

and Advance Technologies) where it explores new avenues of innovative auto components powered by PACE (Personalization, Automation, Connected, and Electronic).

- Higher technical capabilities expertise with us which made 146 Patents for switch Domain
- Being responsive to their customers, innovating quality products that are more sustainable, implementing process improvements, and fostering a culture that is driven by respect and ethics are the values through which we conduct our business.
- Uno Minda is committed to serving its customers via technology so much that it is not only at the forefront of driving new innovations but is also driven by the tagline "Driving the New."
- Excellent manufacturing facilities- consist of Moulding, Powder Coating, Press Machines, Electronic Assemblies
- Excel in QCDD customer score year after year. -by giving the Best in class product experience with optimum Cost.
- Promote learning culture across organization through online trainings and online Learning modules on "Minda Sprash" website accessible to all employees
- Plant aims to continue working towards bringing innovative technologies and solutions that will drive the future, lead towards a green world, boost localization, and contribute its best towards "Atmanirbhar Bharat."

### Your views on ACMA Awards process and how it is helping your company to improve further:

- ACMA is a great platform for learning and implementing best practices from different automotive industries. Virtual site assessment & Gemba visit done in detail at all respective sections by competent assessors. We are very thankful to be a part of ACMA society for giving us opportunity to showcase our Manufacturing Excellence & sustainable business capabilities & ideas in such big forum.







## Company / Plant Name & Location

**UNO MINDA Ltd., Seating Division -Harita Fehrer Limited, Hosur, Belagondapalli, Thally Road, Hosur - 635114**

▶ **Mr. Vaikuntam Srinivasan, Business Head**

**Category : Very Large**

### Company Information:

Uno Minda Ltd - Seating division is the leading manufacturer of Automotive Seating Systems in India. Started as Harita Fehrer Limited in the year 2010 & became part of Uno Minda group since Apr'22 and named as Plant1 at 5 locations (Hosur, Chennai, Pune, Mysuru and Bhiwadi).

### Below are the product lines for plant1

- 2-wheeler and 3-wheeler seats to TVS, BMW, RE, IYM, Suzuki, MTWL, Kawasaki & EV OEMs like Okinawa, Ather, Tork etc.
- Seat Foams for cars, buses & tractors through respective tier1 suppliers like Dymos, Lear, Yongsan & UML seating division Plant2.
- Bump stoppers to 2 Wheelers, Cars, CVs through respective tier1 suppliers like Gabriel, Endurance & Tenneco
- Composite parts-
- Exterior parts-Long Fiber injection molding parts to Daimler, SAME, TAFE, etc.
- Interior parts- Paper Honey comb products to Tata Motors Ltd, Webasto, etc.

### Company Strengths:

- NABL accredited Engineering and Technology testing lab and quality lab
- Complete design capability including 100% in-house certification facilities for AIS, ECE and ADR standards
- Employee engagement through Business excellence through simple techniques (BEST)
- Technology leadership through polyurethane expertise with 25 years of experience in all formulations for automotive applications
- Pioneer in Technology products like Long Fiber injection molding with in-mold painting, Paper Honey Comb for weight reduction.
- Diversified product portfolio handling multiple variants which in turn increases content per vehicle.

**We won Bronze in Excellence in Export and Certificate in Excellence in NPDD & Localization as we have :**

### For Excellence in Export :

- Achievement of delivery rating 100% to Export customers consistently
- Maintaining local representative in abroad to understand and meet customer expectations.

### For Excellence in NPDD & Localization:

- Demonstration of robust systems and procedure followed for New product development.
- Best practices of ACMA NPD foundation cluster.
- Focus on NPD performance metrics.

### Your views on ACMA Awards process and how it is helping your company to improve further:

- Firstly, we thank ACMA for such initiatives which benefits Indian Industry as a whole.
- The assessment journey was fruitful in terms of understanding best practices and setting targets for future improvements.
- The feedback from auditors is very valuable and brings lots of learning to our business functions.
- The process of assessment is very meticulous to give multiple insights for every function.







**Excellence in Digitalization  
(Gold)**



**usui**

## Company / Plant Name & Location

**Usui Susira International Private Limited, Chennai**

▶ **Mr. Harutoshi Takagi, Managing Director**

**Category : SME**

**Company Information:** (in brief along with, Products, Customer names) Usui Susira International Pvt Ltd Formerly known as Susira Industries Limited has been established in the year 1976 in Chennai is a private limited company. The company is a manufacturer of automobile components like High pressure Fuel Injection Pipes, Engine Valve Pushrods, GDI Pipes, Low Pressure Pipes like leak off Pipes & Chassis Pipes, Engine Valve Tappets, Valve Spring retainers and other Cold Forged & Precision Machined Components supplying to various domestic OEM's like Ashok Leyland, Cummins India, Daimler India, Force Motors, Greaves Cotton Limited, Hino, Hyundai, Honda (2W+4W), Isuzu, John Deere, KOEL, Mahindra, Maruti Suzuki, Mitsubishi, New Holland, Same Deutz-Fahr, Simpson, Suzuki Motor, Tata Cummins Ltd, Tata Motors Ltd, Toyota Industries, Volvo and Yanmar India, Also exporting these components to various countries like USA, UK, Germany, Sweden, Singapore, China, Turkey, etc., (Customers Cummins, CNH, Daimler, Franken, Scania, Supsan & UKM).

**Company Strengths:** In Bullet points (manufacturing process strength, best shop floor practices, unique features, Technology, employee morale etc.)

- Improvements for enhancing the organization excellence include enhancing human competencies at all levels through training education and development.
- Digitalizing the factory through IoT Industry 4 concept to monitoring the real time performance.
- Technology upgradation with Consistent to the requirement of the customer through the appropriate levels of automation.
- Recently got certified to ISO 27001 (ISMS) and obtained the LOC for ISO 26000 towards sustainability.
- Strict conformance to systems and procedures (QMS, EMS & OHSMS) and adopting the best manufacturing procedures like lean concepts & TQM practices.
- All the Methodologies are validated through PDCA approach for effective QMS Implementation.

## We won Gold in Excellence in Digitalization as we have:

- Excellent implementation and utilisation of technologies and linking with Digitalization as per IoT industry 4 concept to monitor and improve the performance of organisation.
- Implemented digitalization in all functions from incoming stores till Despatch including calibration and internal audit management software.

## ACMA Awards process and how it is helping your company to improve further :

ACMA has motivated our organisation by recognizing our technology development and improvement since USI inception. We have eagerly participated and applied for awards various competitions and events Organised by ACMA to show case our improvements for the continual improvement. The key word Digitalization help us to next level applying awards through portal and conducting audits/ review through virtual which also a part of digitalization. The word "Make In India" really motivated us very much and we are focusing to localize whatever possible throughout the Supply chain to make us grow along with our country growth.







### Company / Plant Name & Location

**Yinlun ADM India Pvt. Ltd.,** Plot No. D107, Chakan Industrial Area, MIDC Phase-II, Bhamboli, Tal-Khed, Pune-410501

► **Mr. Aman Mehtani, Managing Director | Mr. Sandip Chattaraj, BUH**

**Category : SME**

**Company Information:** Yinlun ADM, a joint venture with YINLUN China, a global pioneer in heat exchangers, has risen to the top of the industry made feasible by the products' specific technological advantages and skills to transform clients' visions into designs and product delivery. The division's capabilities, capacity, and product variety are constantly growing justifying its collaborations with OEMs on a variety of ICE and future mobility propulsion technologies and products. ISO: 9001 & IATF 16949 Certified.

- **Products:** - 1) EGR Cooler- a) Corrugated, b) Hybrid. 2) SS Oil Cooler.
- **Customer names:** - Mahindra Ltd, Bajaj Auto Ltd, Ashok Leyland Ltd, John Deer, Padmini VNA Mechatronics Limited, Indo Farm, Preet tractor.

### Company Strengths:

#### a) Manufacturing process strength

- Assembly skills and set ups for unique combis and hybrid parts and sub-assemblies.
- Advanced Automations, Robotics and Digital deployments (i4.0), Custom built Equipment and Lines from the Best in Class, Assembly skills and set ups for unique combis and hybrid parts and sub-assemblies, Ultrasonic cleaning (Water & Solvent base).
- Seven axis Robo pasting, Differential leak testing with integrated Laser Marking, CNC Bending's, Precision stampings, Robotic laser & Tig Welding.

#### b) Best Shop Floor

- Machine Cleaning Activities weekly with total team involvement including management, Weekly 5'S & safety self-audit in every zone.
- On the job training on floor in DOZO area.
- c) Unique features
- Ultrasonic cleaning (Water & Solvent base), Auto Leak Testing and Laser Marking, Vacuum Brazing Furnace.
- Six axis Robo for External Pasting on Part, WIFI integrated Assembly Line.

#### c) Technology

- Centralized R&D Team for integrating with Customer Engineering for expedited product design & development.
- Automated Assy Line with Poke Yoke & Process Capability to cater manufacturing 4.0 standards.

#### e) Employee morale: -

- Skill up gradation project for employee.
- Training program by external reputed agency e.g. IR class.
- Monthly Kaizen Competition, award, celebrate all national day and festive.
- Quarterly trekking for all employees.

### We won Silver in Excellence in Digitalization as we have:

- Clear vision and commitment by top management for Digitalization.
- A dedicated team involving the process owner at each stage.

- Digital display of process parameter and data record e.g., Vacuumed Furnace brazing, Auto leak testing, all machine program display, Employee performance.
- A dedicated team involving the process owner at each stage. Digital Dashboard every department wise.

### ACMA Awards process and how it is helping your company to improve further :

- The experience and expertise of the assessors helped us to get more insight in to the digital journey. Easy to understand gap between current condition to world class.
- During virtual site assessment by assessor, they provided the idea about handing the huge data for analysis and insight.





# ACMA Sustainable Manufacturing Program – with guidance from German (GIZ) experts

**Sustainable manufacturing is the creation of manufactured products through economically-sound processes that minimize negative environmental impacts while conserving energy and natural resources – positively impacting people, planet and profits.**

## **Key Offerings -**

- ❖ Business Support
- ❖ Customized Support for Sustainable Manufacturing
- ❖ Capacity building
- ❖ Awarding the achievers

## **Outcomes of the Program-**

- ❖ Reduce Carbon Footprint
- ❖ Reduce Greenhouse Gas Emissions
- ❖ Improve Energy efficiency – Reduce energy costs
- ❖ Water security – water neutral company
- ❖ Reduce Production costs
- ❖ Improve Gross Yield
- ❖ Reduce Consumables consumption
- ❖ Reduce Logistics cost per kg
- ❖ Atma-Nirbhar enterprise for continuous improvement



## **Features of the Program:**

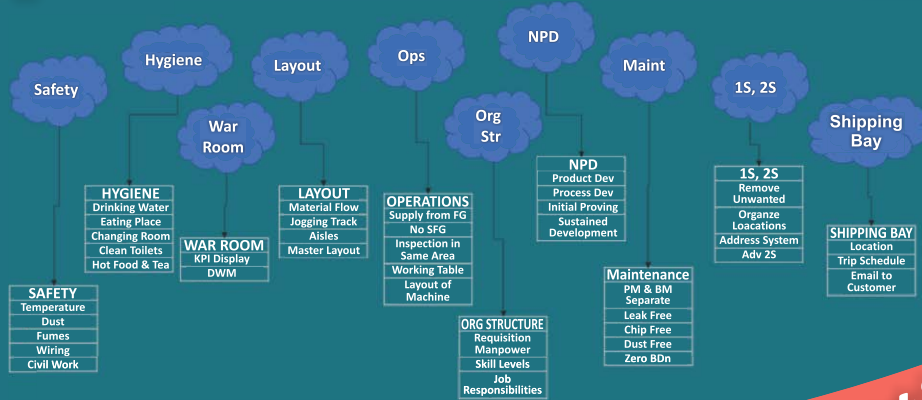
- ❖ Training by German experts
- ❖ Monthly Counsellors visits – One physical visit per month (If physical visit is not feasible then 4 hours digital review twice a month)
- ❖ Assessment and guidance visits by German experts at cluster company site (2~3 visits during program)
- ❖ Common Training Sessions / E-training sessions
- ❖ Mentor Review Meetings – 1 common review every two months
- ❖ Common virtual review sessions with German experts
- ❖ 2 Model Plant Visits (Virtual company visit for German company, Physical / virtual visit for Indian company)
- ❖ ACMA expert's inputs during common reviews
- ❖ “Access to Finance” support by German/Indian experts for specific sustainability projects



For more details,  
please contact Ms. Tanu Ahuja at [tanu.ahuja@acma.in](mailto:tanu.ahuja@acma.in)



**WOW!** In Everything that we do  
in our plant!



**Rainfall Model of Transformation**

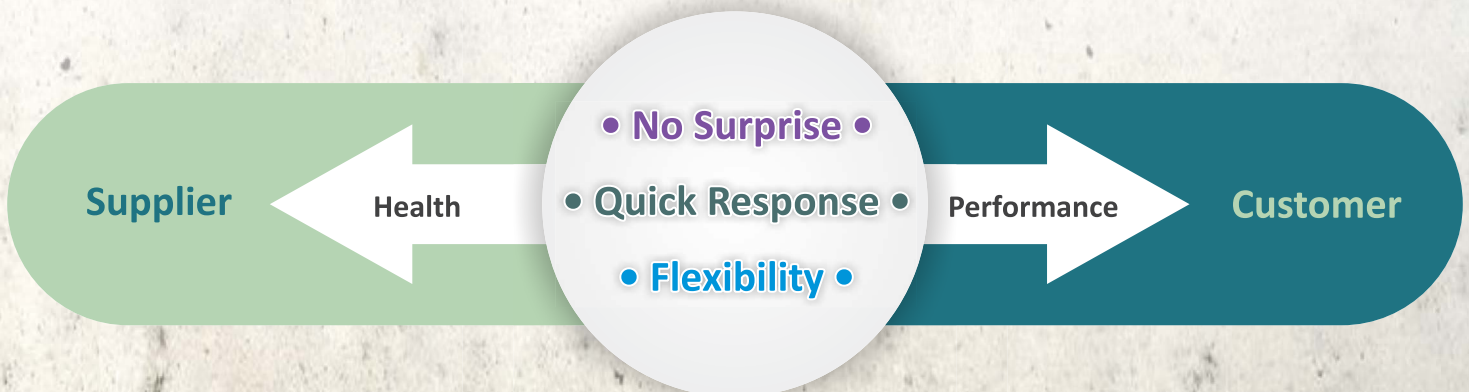
## Staff Development Program (SDP) Grow your own Managers



An year of exciting journey for building professionals and proud management.

## Strategic Supplier League Development (SSLD)

A transformation in Supplier Relationship





## Futuristic / Upcoming Programs

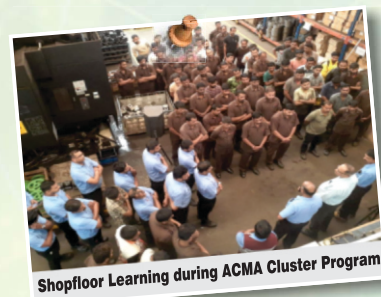
Industry 4.0 / AI  
Customer Relation Ship Management  
Enhancing Innovation  
Electric Vehicle Support Program

## List of Clusters Programs

ACMA program on Environment, Social and Governance  
Sustainable Manufacturing Cluster - Carbon Footprint reduction  
Zero Defect Quality Cluster  
Zero Defect Plus Cluster - Zero defect in NPD process  
Beyond Zero Defect  
Engineering Excellence Cluster  
Advance Cluster - Lean Manufacturing  
New Product Development Foundation Cluster  
New Product Development Design Cluster  
Tool Engineering Cluster  
Skill Development Cluster  
Low Cost Automation Cluster  
Rudimentary Framework Program  
Human Resource Cluster  
Special Program on Robotics & Automation-maintainability & Optimization

## List of Programs / Projects

Wow effect - complete turn around project  
Bottleneck Management  
Deskilling of Manufacturing Activities  
ACMA Equipment Maintenance & Optimization Program  
Special Lean Process Engineering for Plastic Industries  
Special Lean Process Engineering for Forging Industries  
Special Lean Process Engineering for Foundry Industries  
Special Lean Process Engineering for Fabrication Industries  
Daily work Management Program  
Uptime Improvement  
Lean implementation Program  
Special Projects on Zero Defect  
Asset Turn Ratio Improvement Project  
Productivity Improvement Project  
Quality Adherence Project  
Breakeven Point Reduction Program  
New Plant Initiation Project  
Material Flow Cost Accounting - MFCA program  
Management By Objective - Improvement Project  
Paint shop Optimisation & Modernization Project  
Through Put Rate Improvements Project - Bottleneck Management  
Working Capital Improvement Project  
Performance Enhancement Project  
Employee Participation, Involvement and Engagement Project  
Manufacturing and Process Engineering Project  
Safe Working Culture development program  
Engineering Improvement Project  
Inventory Improvement Project



For more details  
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# Glimpses of ACMA Program Launches



Launch of ACMA Zero Defect Quality Cluster Program at Kusalava International, Vijayawada on 25.02.2023



Launch of ACMA Engineering Excellence- 6 Program at Kiswok Industries Pvt. Ltd., Howrah on 22.02.2023



Launch of ACMA Advance Cluster- 16 Program at Marathwada Autocomponents Pvt. Ltd., Hosur on 10.02.2023



Launch of ACMA Special Program for Supply Chain Improvement for Rai Industries Associations, Sonipat on 25.01.2023



ACMA Performance Enhancement Program at JVR Forgings, Ludhiana on 07.01.2023



Launch of ACMA Moving Towards Zero Program at Narsipur Autocomponents Pvt. Ltd., Bommasandra, Bangalore on 22.02.2023



Launch of ACMA Special Program on Lean Introduction in Akal Spring Limited, Ludhiana on 06.01.2023



Launch of ACMA Advance Cluster - 16 in National Industries, Ludhiana on 07.01.2023



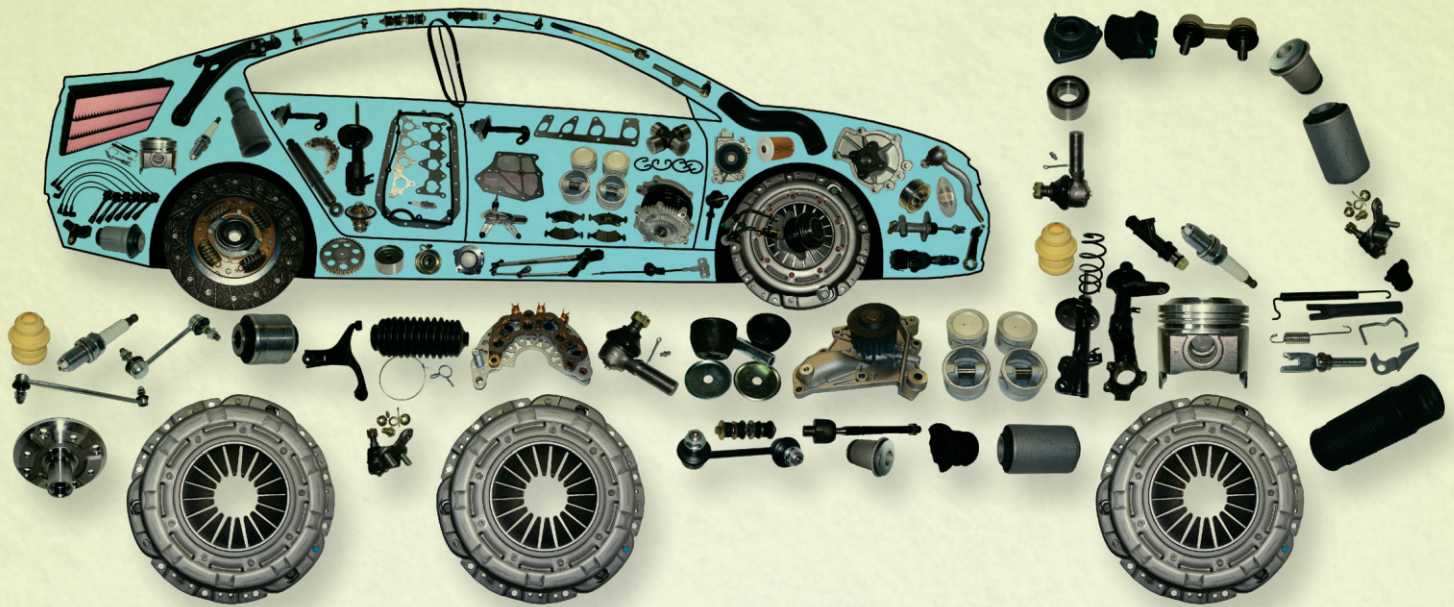
Launch of ACMA Lean Manufacturing Program at Narsipur Autocomponents Pvt. Ltd., Bommasandra, Bangalore on 22.02.2023



# Supply Chain & Logistics Leaders in Indian Automotive Industry



***Distribution Redefined***



## Our Specialized Services Includes:

- |   |  |
|---|--|
|  Inventory Management                        |  Reverse Logistics        |
|  Urgent & Direct Delivery to Service Centres |  Vehicle Off Road         |
|  Vendor Management Inventory                 |  Appointment Delivery     |
|  Ultra Modern Warehouses                     |  Marketplace Distribution |
|  Super Express Delivery                      |  Aftermarket              |



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