ACMA
Automotive Component Manufacturers Association of India

IMPACT

Vol. 15 No. 1 March, 2022

ACMA

Atmanirbhar Excellence Awards 2021

www.acma.in

ACMA Lean Process Engineering Program for Fabrication Industry

Duration : 18 Months

This Program primarily focuses on applying concepts of Lean Manufacturing along with Fabrication Engineering.

Objectives-

- Face the future challenges & grab the opportunities to become globally competitive.
- Sustain the growth of the organisation & retain profitability.
- Respond to favourable and unfavourable market conditions competitively.
- Provide better service to customers in terms of QCD.
- Improve technological, managerial and operational capabilities through building competence in people & creating World Class Workplace.

Topics to be covered-

- Total Employee Involvement & Basics of Fabrication
- Welding Technology (WT)
- Lean Fixture / Tool Engineering
- Product Quality (PQ)
- Process Change Configuration (PCC)
- Re-Training

Features of the program:

- Training
- Hand Holding
- Guidance and Mentoring

For more details please contact
Ms. Sangeeta Sharma at sangeeta.sharma@acma.in

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One Complimentary copy of "IMPACT" is sent to each member of ACMA. Additional copies are available at Rs. 350/- for each copy. This cost is including applicable Tax & postage charges.

Chairman's Message

ACMA – Skilling & Mentoring

Dear Reader,

I am happy to share with you the Volume 15 - Issue 1 of IMPACT, ACMA Atmanirbhar Excellence Award Special Issue. With a rich legacy of 56 years, these coveted awards are one of the most prestigious awards in automotive component industry. After a gap of nearly two years, these awards are back in the physical avatar with grand spectacle. These awards will be conferred at the annual 7thACMA Technology summit at New Delhi. I extend my heartiest congratulation to all the award winners and extend my warm wishes to all those who participated amid a shadow of pandemic. I hope that all of you will continue to set new benchmark every year and also, add value to the component industry through your endeavors. I applaud my Award team also, for flawless completion of this whole process amid pandemic and lockdown.

As a gratitude to our Guru, Guide and Mentor (late) Mr. C. Narasimhan, who was a pioneer for Quality movement in India and 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.

The theme we adopted this year for the 7thACMA Technology Summit & Awards 2021, scheduled at New Delhi on 16thMarch 2022 (in hybrid mode – physical as well virtual), is "Driving Mobility through Technology, Digitization and Sustainability". This aligns with Government of India's vision for net carbon neutrality for India by 2070. Like each year ACMA Technology summit provides a perfect platform for various stakeholders from different functional domains – OEMs, component manufacturers, research& academic institutions, policy makers, to share and exchange their ideas and thought process from their perspective as also the challenges that lies ahead in reaching the shared goals and objectives – the clean and green environment. Technologies of past focused only on human comforts and monetary gains as the objectified goals of multinational organizations but with sensitization of customers regarding sustainability, future technologies are aligning themselves with sustainable product and services. Sustainability will derive its strength from digitization, riding on the back of futuristic technologies. I am sure, this platform will give you such novel ideas in multiple dimensions to cause a paradigm shift, in ways that you see and use mobility.

In line with changing needs of industry, my team of talented engineers and technical experts at Pillar -3 are continuously designing new programs incorporating sustainable manufacturing topics in our various cluster programs and projects and sensitizing industry members regarding its importance and I congratulate Pillar 3 and ACoE team for this drive. Apart from this industry needs to develop necessary skills – starting with academia, so that younger force joining industry is equipped to handle this responsibility. ACMA Center of Excellence is driving various programs to fill this gap. One such program is ACMA Capability Maturity Model (ACMM), which will drive an overall competitiveness of tier-2 & tier-3 companies. With this, ACMA Pillar-3, will be a force which will be driving continuous improvement across the whole spectrum of automotive industry, in collaboration of OEMs.

I am sure you will take advantage of the above opportunities and will be part of all our future endeavor. Last two years have been very tough for all of us, I hope the worst is behind us. We all have learnt new lessons on safety and I am sure you will practice it and will remain safe and healthy.

This year, I will be missing 7th Technology Summit due to some exigencies, but a spectacular celebration awaits you. 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

2020 - 21	**Mr. Kenichi Ayukawa** President, SIAM and Managing Director & CEO Maruti Suzuki India Ltd.
2017 - 19	**Rajan Wadhera** President–Automotive Sector & Member Group Executive Board, Mahindra & Mahindra Ltd.
2016 - 17	**Abhay Firodia** Chairman, Force Motors Ltd.
2014 - 16	**Vinod K Dasari** Managing Director, Ashok Leyland Ltd.
2012 - 14	**Vikram Kirloskar** Chairman, Toyota Kirloskar Motors Ltd.

ACMA Award Categories

- **Excellence in Exports**
- **Excellence in New Product Design & Development**
- **Excellence in Manufacturing**
- **Excellence in HR (Human Resource)**
- **Excellence in HSS (Health, Safety & Sustainability)**
- **Excellence in Localisation**
- **Excellence in Digitalisation**

Sr. No.	Company Group Sales Turnover (Apr 2020 to March 2021)	ACMA Award - sub category			
		Small Category	Medium Category	Large Category	Very Large Category
		Up to INR 50 Cr	> INR 50 to 250 Cr	> INR 250 to 500 Cr	> INR 500 Cr
	Corporate Level Awards				
	Application Total Marks	500	500	500	500
	Award Fee (18% GST will be levied) per category	NIL	INR 75,000	INR 1,50,000	INR 2,00,000
1	Excellence in Exports	Not Applicable	Applicable	Applicable	Applicable
2	Excellence in NPDD (New Product Design & Development)	Not Applicable	Applicable	Applicable	Applicable
	Plant Level Awards				
	Application Total Marks	500	500	500	500
1	Excellence in Exports	Applicable	Not Applicable if applied for Corporate Level		
2	Excellence in NPDD (New Product Design & Development)	Applicable			
3	Excellence in Manufacturing	Applicable	Applicable	Applicable	Applicable
4	Excellence in HR (Human Resource)	Applicable	Applicable	Applicable	Applicable
5	Excellence in HSS (Health, Safety & Sustainability)	Applicable	Applicable	Applicable	Applicable
6	Excellence in Localisation	Applicable	Applicable	Applicable	Applicable
7	Excellence in Digitalisation	Applicable	Applicable	Applicable	Applicable

Since 1966
ACMA
ATMANIRBHAR
EXCELLENCE AWARDS
2021

EMINENT JURY PANEL

Jury Chairman
Mr. KENICHI AYUKAWA
President, SIAM
MD & CEO, MSIL

Mr. SUNIL KAKKAR
Sr. ED- Supply Chain,
MSIL

Ms. ANGELA MANS
Head (FT &IR),
(VDA) Germany

Mr. V. SRIDHAR
Sr. Director, Purchase
Honda Motorcycle
& Scooter India

Mr. TOM FLACK
Chief Procurement Officer
Tata Motors

Mr. AUNJ KATHURIA
Chief Operating Officer
Ashok Leyland

Mr. RAJU KETKALE
Dy. Managing Director
Toyota Kirloskar Motors

Mr. LALIT VERMA
Chief Operating Officer
Classic Legends

Mr. GANESH MANI S
Director- Production,
Hyundai Motor India

Mr. VIPIN KAUL
Director- Sourcing (India ABO)
Purchasing, Cummins India

Mr. ANANDKRISHNAN
Sr. VP (Purchase),
TVS Motors

Mr. RAJESH UPPAL
Member Executive Board
(HR, IT & Safety) MSIL

Thank You Jury

ACMA Atmanirbhar Excellence Awards Assessors

Mr. A S Ruikar

Dr. Abhay Prabhakar Kulkarni

Mr. Ahin Bhatt

Mr. Ajay Chaudhari

Mr. Anil Karmarkar

Mr. Anil V. Trivedi

Mr. Anjani Vikram Gupt

Mr. Arvind Kumar Singh

Mr. B C Kumar

Mr. B G Ogale

Mr. Deepak Agarwal

Mr. Deepak Bharadwaj

Dr. H N Singh

Dr. Sanjay M Arole

Mr. G Venkatesulu

Mr. G.N.Sridhar

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2021

ACMA Atmanirbhar Excellence Awards Assessors

Mr. Harish Bedi

Mr. Hemant Shidaye

Mr. Jitendra Mathur

Mr. Krishna Kant Rastogi

Mr. Manoj Tandon

Mr. Mayank Gupta

Mr. Muralidharan Subbarathnam

Mr. N K Singh

Mr. Narayanan Sampath

Mr. Noor Hasan

Mr. P. Y. Deo

Mr. Prabir Mandal

Mr. Prakash Avachat

Mr. Pramod Bhusari

Mr. R .Kowsikan

Mr. Rajendra Nagare

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2021

ACMA Atmanirbhar Excellence Awards Assessors

Mr. Rajesh Kumar

Mr. Rajiv Deshpande

Mr. S Ravichandran

Mr. S. Balachandran

Mr. Sanjay Gupte

Mr. Sanjay K Kalraiya

Mr. Sanjay Tank

Mr. Sanjeev walvekar

Mr. Sham Narayan Sharma

Mr. Sharadchandra Balkrishna Gokhale

Ms. Shweta

Mr. Surendra Gadgil

Mr. T R Narasimhan

Mr. Thiagarajan V

Mr. Vijay Bage

Thank You Assessors

ACMA Atmanirbhar Excellence Awards Team

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

Mr. Vinnie Mehta
Director General,
ACMA

Mr. Dinesh Vedpathak
CEO - Skilling & Mentoring,
ACMA

Mr. Girish Govande
Head - Supply Chain Engagement, ACMA

Mr. U. S. Harite
Expert Technical Services
ACMA

Mr. Vishal Saxena
Counselor
ACMA

Mr. Deepak Jain
Counselor
ACMA

Mr. Vinayak Shrotri
Expert - Supply Chain Engagement
ACMA

Ms. Raginee Singh
Dy. Director
ACMA

Ms. Smita Kulkarni
Asst. Director
ACMA

Mr. Sanket Jadhav
Executive
ACMA

Mr. Sonu Rawat
Executive Officer
ACMA

Helvoet Rubber & Plastic Technnologies Pvt Ltd
Lonikalbhor
Pune 412 201
Maharashta
India

High precision Injection Moulded Products

- 1K injection Molding
- 2K moulding
- Insert moulding
- IML In-Mould-Labelling
- Machines: Engel, Fanuc, Ferromatic Milacron
- Both Thermoplastic & Thermoset material are processed

In-house Mould Manufacturing Facility

- Unigraphics for CAD/Cam
- Charmilles EDM/WEDM
- Makino CNC milling
- Studer & Okamoto for grinding
- Capacity of 30 Tools / Year
- Tool life upto 2 Million shots
- Lead time : 4 weeks to 12 weeks

Post processing

- Assembly
- Leakage/Electrical Testing
- Ultrasonic Welding
- Deburring
- Double Disk Grinding /Pocket grinding
- Curing
  Ultrasonic Washing

General

- Machines are equipped with bimetallic screw barrels to process High engineered Polymers like Phenolic, PEEK, PPS 65% GF, PPA, PA66/PA6,POM, PBT, PET, TPE, LCP,PC
- Standard thermoplastics ABS,PC ABS, PP & HDPE
- Mobility (2W/4W), Health Tech & Industrial markets

BOSCH MAHLE by performance vitesco TECHNOLOGIES CLEAN MOBILITY TECHNOLOGIES Mahindra ZF KNORR-BREMSE
BorgWarner MARELLI TATA ADVIK DENSO YOUNGSHIN PRECISION CO., LTD.

Excellence in Export (Gold)

Excellence in Manufacturing (Bronze)

Abilities India Pistons & Rings Ltd
Quality | Engagement | Innovation

Company / Plant name & Location

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

Mr. Sunil Arora, MD | **Category : Medium**

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.

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

Customers:

KNORR-BREMSE, Husqvarna, STIHL, MARUTI SUZUKI Way of Life!, YAMAHA, TVS, HONDA, HONDA POWER PRODUCTS, Emak our power, your passion

Company Strengths:

- Innovative company with 2 patents.
- Employee empowerment through regular engagement.
- Industry 4.0 compliant processes.
- Low cost automated process with auto inspection & correction.
- Fatigue free processes with inbuilt Poka Yoke.
- High employee moral with continuous participation in QCC & Kaizen activities.
- World class housekeeping in Genba including Foundry.

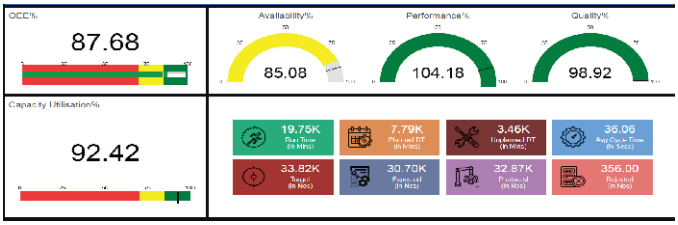
ACMA Atmanirbhar Excellence Awards category explanation:

- Excellence in Export (Gold Award)
- Excellence in Manufacturing (Bronze Award)

- Continuous involvement with customers on QCD parameters.
- Exceeding their requirements in all QCD parameters.
- Implementation of Industry 4.O in manufacturing.

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

- ACMA award process providing a platform to find out best practices in automotive industry.
- Helps to improve learning & making competitive in business.



Excellence in New Product Design & Development (Silver)

ADVIK
Passionately Innovative

Company / Plant name & Location

Advik Hi-Tech Pvt. Ltd. Chakan Industrial Area, Phase-II, Tal - Khed, Pune, Maharashtra, 410501

Mr. Aditya Bhartia, MD | **Category : Large**

Company Information: ADVIK with its 9 manufacturing plant, including 7 in India and one each in Indonesia and Vietnam, is World's leading manufacturer of advanced automotive components.

Advik works on tomorrow's technology today by bring new products to its OEM customers to meet their ever challenging demands.

We are the largest manufacturer of Oil Pumps, Chain Tensioner and CBS (Combines Braking System) in the World along with manufacturing Water Pumps, Throttle Body Assembly, Drum Gear Shifter, including Emission control products like Reed Valve, Purge Valve, Secondary Air Injection, EGR, etc

Our marquee customers include Ducati, KTM, Triumph, Harley Davidson, including our global supplies to all Japanese OEMs, Honda, Yamaha, Suzuki & Kawasaki as well as Indian OEMs TVS, Bajaj, Hero, Royal Enfield & Mahindra. As a tier II supplier our customers are Daimler, Porsche, Nissan, Fiat Chrysler and GM, including Tata and Mahindra.

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

- Research & Development- Software Capability, Extensive Testing/ Endurance/ Validation Lab
- Advance Machining Set-Up
- State of Art Assembly

ACMA Excellence Awards category explanation: We bagged Silver Award in ACMA Excellence Awards 2021 trophy in Excellence in New Product Design & Development as we have:

- Unique product & Process development through Quality gates (Front Loading Approach).
- Customer satisfaction Index
- Adoption of TPM activity across group

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

- To set the target for critical parameters based on Industry benchmark. PDCA – Review of SOP's

ALP OVERSEAS

Company / Plant name & Location

ALP Overseas Pvt. Ltd., Gugalkota (Neemrana), Rajasthan

Excellence in Exports (Bronze)

Mr. Tejbir Singh Anand, MD | **Category : Large**

Company Information:

ALP Overseas, part of the $200 Million ALP Group, is an established manufacturer and a global supplier of automotive sealing systems since 1985. With an expertise in Polymer technology, ALP Overseas has been catering to Polymer Products Requirements of various industries including Automotive aftermarket, Building & Construction, Restoration, to name a few, across the globe, with its range of 10000+ PVC and Rubber extrusion and Molded products. Being fully aligned with 'Atmanirbhar Bharat' and 'Make in India', the company is providing quality products to various geographical locations of the world directly, through its sales, warehousing and manufacturing subsidiaries and joint ventures in South Africa, Australia, Spain and USA.

Company Strengths:

- Manufacturing strength - ALP Overseas' Plants offer a complete selection of high-quality engineered mechanical seals and sealing support systems. ALP Overseas has a state-of-the-art manufacturing facility that supports exceptional precision and consistent compliance with stringent production standards.
- Quality practices - At ALP Overseas, Quality is one of our utmost priorities. We understand that each product needs flawless installation and unmatched after-sales support. Rigorous efforts have been put in for standardizing the input, actual processes, and the output. To keep the consistency in product quality, its entire processes, materials, operations with a skilled task force, and testing validations are established with Quality Management Systems and Quality Assurance.
- Research, Design and Development - The state-of-the-art Research and Development (R&D) division of ALP Overseas offers quality design and development capabilities. The Company's R&D Unit is established with modern infrastructure, superior technology, modern world-class rubber testing equipment and it is approved by the Department of Scientific and Industrial Research (DSIR), M/o of Science & Technology Government of India.

Sustainability - With an awareness of severe environmental & Ecological challenges, ALP Overseas is responsibly committed to contribute towards a greener future through sustainable development practices. As part of our core philosophy, Sustainability is an essential element in our business practices.

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in Bronze in EXCELLENCE IN EXPORTS as we have:

- A strong team across departments that works with a clear vision to strengthen the Company's presence throughout the globe with polymer-based unique solutions that provide value to companies across industries. ALP focuses on acquisition of niche companies having synergies in related segments and product offerings.

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

- The overall process of ACMA Awards, we feel, is a systematic way of auditing the company with data for all Key Business Performance Indicators, and comparing the same with our competitor's and the benchmark level.
- The virtual assessment turned out to be a smooth process overall, with not much hassle.
- Recognition in ACMA through the ACMA Excellence awards, not only really boosts the morale of the company's employees and its stakeholders, but builds a high level of confidence among the customers.

Manufacturing Lines

Corporate Level - Excellence in New Product Design & Development (Gold)

Asahi India Glass Ltd.

Company / Plant name & Location

Asahi India Glass Ltd., Bawal

Mr. Sanjay Labroo, MD & CEO

Category : Very Large

Company Information: Asahi India Glass Ltd (AIS) is India's leading integrated glass and windows solution provider and a dominant player both in the automotive and the building & construction segments. For over 30 years, AIS has been the preferred choice for Automotive OEMs. With a >70% market share, AIS Auto Glass products and solutions can be seen on India's best vehicles across the automotive segments. The AIS range of products and solutions include laminated glass for car windscreen, tempered glass for sidelites, backlites, It has the unique distinction of being the only Indian glass company that has been conferred the prestigious Deming Application Prize in 2007.

Esteem Customers : AIS is honored by the faith of all most all the OEMs present in India like MSIL/SMG, TKML, VW, Hyundai, M&M, Ford, Honda, Tata Motors Renault-Nissan, Skoda, FCA, MG Motors...

Other than PV, AIS is also catering to Metro trough Bombardier, Hyundai Rotem, BEML, Alstrom etc.

In Bus segment AIS is present in Volvo, Scania Ashok leyland, Tata, Daimler MArcopolo, SML Isuzu etc.

Company Strengths: Over the years, AIS has evolved 12 pillars for the competitiveness which gives us uniqueness in Indian Glass market.

1. Scale & Scale in Purchase
2. Location and Scale at each location
3. Localization - tooling, D&D and Capex
4. Balance between Manpower & Automation
5. Operational vertical integration
6. Process Excellence
7. GLOCAL - AGC strength mixed with Indian management
8. Management system of Entrepreneurship
9. Ethics
10. Integrity
11. CUSTOMER TRUST

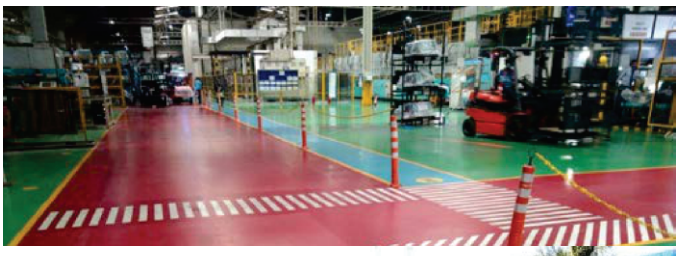
This Advantage has helped us to retain the >70% market share in Indian PV segment over 30 years

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in Gold in NPDD as we have:

- Clear road map related to new model development, including R&D, innovation in the field.
- Top management involvement
- Internal tool room, Machine manufacturing and R&D center which gave us competitive edge.
- Localizations is key advantage in our business
- Strong risk mitigation – multi location facility , pan India presence of resources and skill
- Practicing all systems like – TQM , APQP
- Benchmarking in all aspects with best in glass (Global Benchmarking) – for Process and Product
- Strong team structure in the area of Development , R&D and PT in terms of experience and skill

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

- ACMA audit check sheet is very elaborative and quantitative; it gave us good reflection on all KPI's.
- ACMA audit was focused not only development but in the area of – Design, research and innovation.
- ACMA expectation was as full service supplier
- Future readiness for change in market and aligned with new products.
- Involvement of top management & expectation is very clear.
- Market research / reference related requirement was very unique.



Excellence in Health, Safety & Sustainability (Silver)

BOSCH

Company / Plant name & Location

Bosch Limited, Nashik

Mr. Soumitra Bhattacharya, MD | **Category : Very Large**

Company Information:

Nasik Plant is one of the important establishments of Bosch in India since last 40 years. With the constant efforts for excellence in Quality and delivery commitments, the plant received good acceptance by customers in Europe, USA and South East Asia. At present the export business is about 25% of the plant output. The plant is committed to continue its efforts for total customer satisfaction in areas of Safety, Quality, Cost and Delivery. Bosch Limited in Nasik is manufacturing nozzles and injectors for classical as well as Euro series.

The plant is spread on 400,000 Sq-Mtrs, having 4 manufacturing hangars. In addition to TS 16949, plant is also certified for ISO 14000& ISO 45001, the internationally acknowledged certificate for Environment& OHS protection. Plant is well equipped with latest in manufacturing, cleanliness and proving of product performance. This has a strong back up of easily accessible BOSCH R&D for product and manufacturing processes.

The Plant has a Plot Area of 404140 Sq-Mtrs, which includes Built-up Area of 176430 Sq-Mtrs and remaining area of 144675 Sq-Mtrs comes under Green-Belt.

Access to the Plant by Road is Mumbai to Nashik 180 Kms by NH3, and access by railway is Nashik Road Railway-Station 15 Kms from the Plant.

Maximum number of persons working in the Plant site, at any time, is around 3500. No Major Hazards in factory.

Company Strengths:

- Manufacturing Process strength
- Digitalization in various processes.
- Best in class HSE and Quality Principles.
- Employees as its biggest asset.

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in HSS Excellenceon the back of strong focus in the field of Health, Safety & Sustainability. Bosch limited, Nashik strongly believe that safety &sustainability is the core for company success and HSS is a priority no.1 while taking any business decisions.

Key Focus areas:

1.Positive Safety culture across verticals.

2. Strong focus & mitigation measures on environmental aspects.

3. Elimination & substitution of critical processes.

4. Rewards & recognition and employee involvement for HSS measures.

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

- The overall process are very smooth with the application directly focusing on the critical KPIs required for HSS. The best part was the site assessment and interaction with the leading experts in this field, gave us a great insight on further improvements which we can incorporate in the forthcoming days. Thanks to ACMA team for organizing this award event.

7th ACMA Technology Summit
Atmanirbhar Excellence Awards 2021

Excellence in Digitalization

Excellence in Localization

Excellence in New Product Design & Development

(Silver)

Company / Plant name & Location

Dana Anand India Pvt Ltd, Satara

Mr. Mahendra Goyal, MD | **Category : Very Large**

Company Information:

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:

- **Manufacturing Process:** Driveshaft UJ Kit Bearing Cup Assembly with Fully automized 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

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in (Silver in Digitalization, Localization & NPDD) as we have:

- Digitalization - Under Depth of deployment of Digitalization - >95% Business processes are monitored & Controlled through Digitalization
- Localization – Under Strength Organization support for Global Parts localization through Technical Centers avlability, Total in 9 Countries. Among them Dana India Technical Centre covers >90% Test Caring capability required for Global Parts development in India.
- New Product Design & Development - Under depth of deployment for New Program of AL Drive shaft ASSY – AL Driveshaft Process established in Fully Automation Assy line to meet all expectations of new program.

How ACMA Awards process 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.

DANA ANAND automotive systems

Company / Plant name & Location

Dana Anand India Private Ltd., Jodalli, Dharwad, Karnataka

Excellence in Health, Safety & Sustainability (Certificate)

Mr. Naresh Moily, COO **Category : Very Large**

Company Information:

- Establishment Year: 1995
- Joint Venture of Dana Holdings USA (74.9%) & Anand Automotive (25.1%)
- Products: Driveshaft Component

Dana Anand India Private Limited designs and manufactures drivetrain products for the OEMs of utility vehicles and commercial vehicles, off-highway and the related aftermarket segments, domestically and internationally. Continuous R&D and collaborative product development efforts have enhanced Dana Anand India trustworthiness among OEMs and fleet operators. This has allowed us to come up with more lightweight, fuel-efficient and higher torque-carrying capacity vehicles. resulting in the company being consistently recognised as a Great Place to Work

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

- Digitalization in Production & process
- Robotics in operation
- 1k kaizen per month
- QCC Drive & 57 Active QCC team
- Machining Dexterity
- Takt time base Production

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in (Certificate in HSS) as we have:

- Zero Reportable incident
- Digital Process 85%
- Utilization of Green Energy 95% (Solar Panel)

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

- Easy to understand gap between current condition to the World Class.

Company / Plant name & Location

Varroc Engineering Limited , Plant - Durovalves India Pvt. Ltd., Aurangabad

Excellence in New Product Design and Development (Certificate)

Mr. Tarang Jain, MD

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:

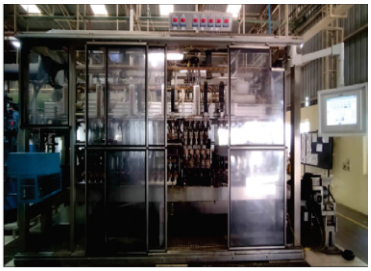
- State of the art R&D & Valve Manufacturing facilities.
- Technical collaboration to cultivate Technological know-how.
- Focus on continuous improvement & technology upgradation.
- Wide product range for almost every automotive segment.

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Certificate Awards 2021 in New Product Design & Development 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.

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

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.



ECOCAT INDIA PVT. LTD.
VICAT
VIKAS GROUP
Technologies for Clean Environment

Company / Plant name & Location

Ecocat India Private Limited, Faridabad

Excellence in New Product Design and Development (Bronze)

Mr. Alok Trigunayat, Executive Director | **Category : Medium**

Company Information: Ecocat India is a premier manufacturer of Automotive & non-automotive exhaust catalysts and after treatment systems.

We are a technology driven organisation where in innovation is the prime focus. We have a state of the R&D facility where we design & develop optimised catalysts and after treatment solution using metallic and ceramic catalytic converters for diesel, gasoline, CNG, LPG, etc.

We manufacture structured metallic substrates including brazed ones. We manufacture catalyst using metallic and Ceramic substrates for DOC (Diesel Oxidation Catalyst), TWC (Three Way Catalyst), DPF, SCR, ASC, LNT etc.

Our valued customers include VECV, TML, M&M, Ashok Leyland, Simpson, Greaves, TMTL, ITL, PVPL, Escorts etc.

Company Strengths:

- Ecocat is unique integrated state-of-the-art facility, in India, which is having catalytic converter design & development, manufacturing, coating & canning, all of it, under one roof. This saves substantial time from RFQ to design-development & finally up to serial supply for various customers.
- Highly focussed R&D (completely indigenous) which includes an advanced chemical lab. Ecocat also has a vehicle & engine testing facility, in-line with BSVI & TREM IV / V norms with a highly skilled R&D staff who are continuously innovating & delivering new technologies.
- Technology glimpses at Ecocat consist of design & manufacturing of TWC, VIKPIC X/L/F, DPF, SCR, Urea Mixers, ASC and LNT.
- Manufacturing facility employs advanced techniques such as Robots, on-line data recording, traceability, GBD ceramic canning etc.
- Best Shop floor practices percolated such as – Continuous improvement culture through Kaizen & SGA (small group activities), 5S monitoring by self & layer auditing, poka-yoke for all critical parameters, Safety Audits, Awards – monthly & yearly for all above categories.
- Employee motivation is evidenced with GPW (Great Place to Work) award credentials.

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in Bronze in NPDD as we have:

- Irrefutable domain expertise to provide Innovative, Quick, Robust, Good Quality & Cost effective solutions for customers with the help of best R&D infrastructure, unique manufacturing technology & motivated people.
- Market leader in exhaust after treatment systems with shortest turn-around-time for CNG application for different OEM's – VECV, TML, Ashok Leyland, Greaves etc. with in-house capability.

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

- The overall ACMA award assessment process has helped us to:
  - Summarize, analyze & consolidate data from various areas in the organization.
  - Identify & analyze gaps the system.

Excellence in Exports (Gold)

Excellence in Health, Safety & Sustainability (Bronze)

Company / Plant name & Location

Elofic Industries Limited, 14/4, Mathura Road, Faridabad-121003, Haryana, India

Mr. K D Sahni, Vice Chairman | Mr. M B Sahni, Chairman — **Category : Large**

Company Information: Elofic is one of India's largest filter manufacturing companies producing a complete range of filters, lubricants and air purifiers. With a legacy spanning over 70 years, a workforce of more than 800 professionals across six state-of-the-art manufacturing facilities in Faridabad (Haryana),Noida (U.P), Nalagarh (Himachal Pradesh) and Hosur (Tamil Nadu) in India. Its main manufacturing plant is at 14/4 Mathura Road Faridabad.

Certifications : IATF 16949-2016 , ISO 14001:2015 , ISO45001:2018
Export : USA, Germany, Japan ,Italy ,Netherlands and China

Domestic Customers

- Maruti Suzuki India Limited, TATA Motors, Mahindra & Mahindra, Royal Enfield Ltd, Suzuki Motorcycles India Pvt Ltd, Force Motors Ltd, JCB India Ltd, New Holland Tractors, Volvo Eicher Commercial Vehicles Ltd.,Swaraj Engines Ltd .

International Customers

- Kohler Engines, Briggs & Stratton, Generac Power Systems Inc, Lombardini, Westwood,
  Kawasaki, Wabco, Argo Tractors.

Company Strengths:

- State of the art manufacturing and R & D facilities.
- Backward integration- manufacturing of above 95% child parts in-house.
- Production of more than 85 million filters annually and acclaimed leader in the Indian filter industry.
- Adopting industry 4.0 manufacturing Practices.
- Highly skilled & competent work force with more than 60% women
- Emphasis on Cleaner and Greener products
- Eco friendly policies & processes.
- Low attrition & absenteeism rate
- Reward & Recognition Policy- Attractive Reward Scheme
- Employee engagement activities

ACMA Excellence Awards category explanation:

We won ACMA Atmanirbhar Excellence Awards 2021 trophy in (Gold in Excellence in Exports and Bronze in Excellence in HSS in Large Category) as we have:

- 95% of the exports to developed countries with major emphasis on OEM customer's growth.
- Showed significant growth despite the Covid-19 pandemic.
- Negligible customer complaints/export returns, with high on time delivery performance.
- High overall customer satisfaction score/index on a consistent basis.
- ISO 45001:2018 & ISO 14001:2015 certified company.
- Consistently Zero accidents.
- Emphasis on cleaner and greener environment: Use of Solar Energy, PNG Line, ETP plant and recycling of water, Rain water harvesting etc
- Clean air products.
- 100% annual Health checkup for all employees.
- Education and enforcement on Covid precautions- near Zero Covid positive case.
- 100% Covid testing & vaccination.
- Encourage Employee Engagement through Training programs, Engagement Activities.

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

- ACMA Awards process is extremely thoughtful, thorough & fair.
- ACMA award has motivated the Elofic team towards all around continual improvement.
- ACMA is helping its members to enhance their technology, product quality, overall operations & developing healthy competitive spirit through bench marking with international standards.
- ACMA certified auditor shared best practices from his wide experience, which helped the organization to improve further.

emcee pressings

Company / Plant name & Location

Emcee Pressings, Bangalore

Excellence in Manufacturing (Bronze)

Mr. Rajesh Chabria, Managing Partner | **Category : Small**

Company Information: Emcee Manufactures, high precision Copper Sealing Rings, and Shims from 1979 Onwards, and supplies it to Multinational Companies.

Company Strengths:

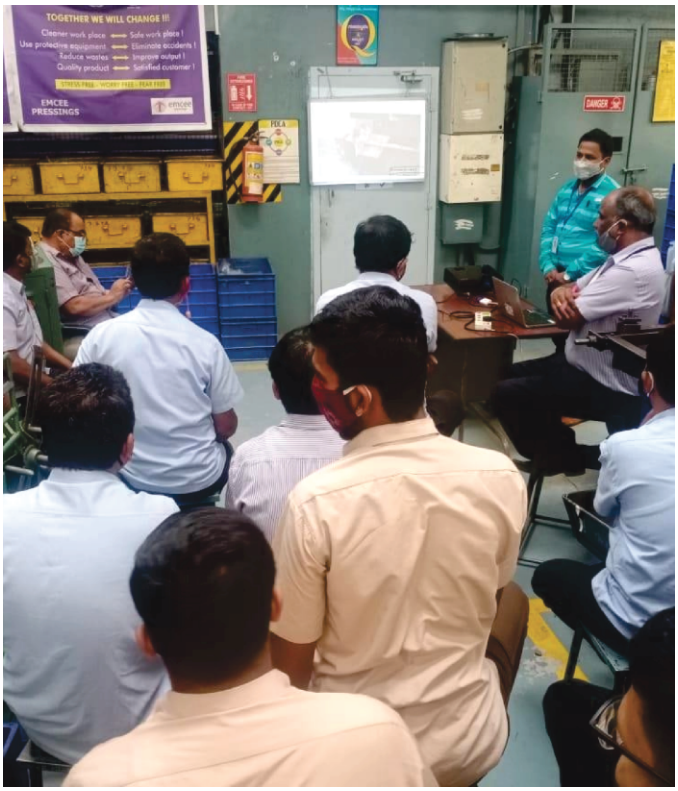
- High level of process stability
- Highly skilled workforce
- Good manufacturing practices.
- Adherence to quality systems
- 5S and 4M practiced.

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy Bronze in Excellence in Manufacturing) as we have:

- A good team of people who have understood that QUALITY IS TO BE PRODUCED NOT INSPECTED
- Vison of the company of CUSTOMER DELIGHT, understood by everyone.

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

- The ACMA , program has helped to motivate the workers to strive for higher excellence, through awareness of various concepts like My machine campaign, SMED, 5S,safety, which has improved the involvement of the workforce .



Excellence in Digitalization (Silver)

ENCO

Company / Plant name & Location

ENCO Engineers Combine Private Limited, Gurugram

Mr. Ishaan Gupta, Vice Chairman

Category : Medium

Company Information: ENCO is driven by its R&D, engineering & innovation capabilities and management strength to deliver consistent world class quality. Founded in 1983 the company has in financial year 2021 expanded to 5 locations spread across north, west and south India to deliver a variety of products in the body structure, AVM's, brakes, suspensions & chassis domain. The company also has done immense work in smart shop floors, industry 4.0, IoT and electronics to maintain best in class manufacturing and engineering practices in their plants in India. Our major customers are Maruti Suzuki, Suzuki Motors Gujarat & MG Motors. Also we are a tier 2 supplier to the rest of the OEM's like TATA, Honda, VW, ISUZU & Nissan through other global automotive companies.

Company Strengths :

- Excellent Customer Service
- Leadership in product innovation & In-house R&D focus
- Highly efficient, Low cost Manufacturing
- Leadership in Progressive, Transfer & Ultra high tensile stamping.
- Highly experienced team of professionals
- Digitized business processes.

ACMA Atmanirbhar Excellence Awards category explanation :
We won ACMA Atmanirbhar Excellence Awards 2021 Silver trophy for Excellence in digitalisation category as we have :

- A passion for digitisation.
- Our own cloud platform that touches almost each and every aspect of the business.
- Our own electronics and PLC team that does automation projects in house.

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

- Giving us an insight into what all wonderful & technically advanced projects others are doing
- Pointing us in directions which we had not thought of.
- Getting a positive competitive spirit started on this topic

7th ACMA Technology Summit
Atmanirbhar Excellence Awards 2021

Excellence in Manufacturing

Excellence in Health, Safety & Sustainability (Silver)

Excellence in New Product Design and Development (Bronze)

Company / Plant name & Location

Sno: 374/1A, C 33, Palanjur road , Palanjur, Chennai – 600123

Mr. J. Muruganandhan, MD | **Category : Small**

Company Information: ESTEEM POLYMER PRODUCTS PVT. LTD. was established in the year 1997. The founder of this company is Mr. J. Muruganandhan a qualified Plastic & Mechanical engineer&Technocrat with a strong background of industrial experience. The company was started with the aim of manufacturing Quality Plastic Moulds and Molded Components with the Injection Molding Machineries.

Customer Names:

Sl.No	Customer Name	Application	Parts supplied
1	PHA India Pvt Ltd	Door latches / Tail gate assembly for Hyundai	Housing Base / Adaptors /Tail gate striker , other lever parts etc ..
2	Grupo Antolin	Sun visor assembly for Ford India	Twin shell assembly LH /RH
3	Super Auto Forge	Suspension assembly parts for Ford ,GM and Crystler USA	Plastic Bearings manufactured using POM , Zytel and Polyram
4	Yapp India	Fuel tank assembly parts for Ford India	Filler stub Assembly and Sensing nipple
5	EATON	Power distribution, control & Connector assembly parts UK and USA	Enclosure Top ,Enclosure bottom , 20 ,30 & 60 Amps connectors
6	Exide	Battery Assembly parts for Mines application in India	T- container & T –lid
7	Panasonic	Mixer Grinder parts for India and Export	Connector lower
8	Encon International	Cooling Tower parts for Thermal power station	Nozzle &Fills
9	Easun-MR	Electrical Transformer	Neutral take off Housing , Cam disc
10	Carlisle	Coolant oil tanks for caterpillar	Identification Band and Reservoir Tank assembly
11	Overseas Incorporation	Electrical Bikes and Cars for Children	Parts for Bikes and cars for Children upto 10 years of age
12	Schneider	Electrical safety items	Bearing Block and Ring
13	Indian Abacus	Improvement of logic maths, Brainpower enhancement	Abacus Instrument.

Company Strengths:

- In house Mould maintenance & Tool room facility
- In-house Raw material testing lab facility
- In-house machine maintenance team
- Wide range of injection molding machine from 40 Tonnage to 900 Tonnage capacities.
- Strategical location of the plant on the Chennai – Bangalore highway close proximity to Hyundai ,Daimler &Ford.
- High level retention of skilled employee.
- ISO 9001:2015 certified company &HYUNDAI and KIA–SQ Mark certified company
- Safety work environment
- Strong Finance background
  - We are having State of art Tool room facilities and varied tonnage machines from 40T to 900T to cater the needs
  - We are having well trained and experienced Engineers in QA and in Production .
  - Excellent storage arrangements are in place.1000 sft for raw material storage and 4000 sft for SFG is ear marked for better follow up.
  - Clean manufacturing surroundings maintained

ACMA Awards category explanation:

We won the ACMA **Awards 2021** for **"Excellence in Manufacturing – SILVER Award, Excellence in HSS –SILVER AWARD, Excellence in New product design & development – BRONZE Award"** in the Small Scale Category. Our company has a strong financial background and able to invest in new business constantly. We have moved to new spacious factory of 20000 sft . and planning to construct another 20000 sft this year. The Customer Base and the number of Products are added in every year. We are developing Children Electrical Play products resembling the vehicles used by adults suitable to the age groups and planning to invest in new molding machines of 300T , 450T and 1300T with latest Technology. The Company is consistently investing for new business.

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

ACMA award is quite a prestigious one and we have been continuously awarded for the last five years (Totally 15 awards). With ACMA award , the visibility for our Company with the Customers are very high and we are sure to achieve the next phase of Growth as per our Plans.

ESTEEM POLYMER PRODUCTS PVT LTD

IN-HOUSE FACILITY

SHOP FLOOR

CONFERENCE ROOM

TOOL ROOM

EDM-1 | CNC Milling | Tool Maintenance

Wire Cut | Preventive Maintenance | EDM-2 | Surface (Gr)

INHOUSE LAB

Testing Lab | Moisture Test | Weigh Machine

Melt Flow Index | Muffle Furnace | Profile Projector

4M BOARD

Excellence In Human Resource (Bronze)

Company / Plant name & Location

Gabriel India Limited, 38th Milestone, Delhi-Jaipur, Highway, Village-Khandsa, Gurgaon

Mr. Manoj Kolhatkar, MD | **Category : Very Large**

Company Information: Gabriel India Limited has a very strong presence as producer and supplier of high-quality Ride Control Products for the Indian Automotive Industry, participating in all segments i.e. Passenger Cars, Utility Vehicles, Commercial Vehicles and Two Wheelers. Starting its operations in 1961, from its factory in Mulund, Mumbai, the Company had participated in the development of Automotive Industry in India and increased its production capacities through presently six facilities and establishing its brand name "GABRIEL" in Original Equipment manufacturer as well as Aftermarket.

Passenger Car Khandsa, Gurugram :

Gabriel, Khandsa is a division of Gabriel India Limited, established in 2007 with its Head office at Pune. Gabriel is in collaboration with one of the world's largest Shock Absorber manufacturing group. The first plant of Gabriel was established at Mulund, Mumbai, in 1961 and it has been the market leader in shock absorber ever since. Gabriel India Limited today has six plants spread all over the country.

Human Resource Development :

Gabriel India believes that Business is 90% people. The Company provides ample opportunities to employees at all levels of the Company to enhance their knowledge and skills. The growth and development of the employees is critical not only for their personal success, but also for the success of the Company.

Customers:

We are key suppliers to newly-launched vehicles for several OEMs like Maruti Suzuki, Honda Cars, PSA and Mahindra. We also enjoy a major share of the aftermarket segment of passenger cars. Strong growth led by new launches and sustained increase in export volumes have been key determinants of our success. We work steadfastly to strengthen the quality of our products and processes.

COMPANY STRENGTHS:

- Manufacturing Process strength – 100% OE Supplies in Passenger Car with Customer Quality Rating # & Delivery Rating #
- Best Shop floor practices – Anand House of Quality Culture implementation & Adherence, Multiskilling workforce, Quick Response to Quality Concerns, Daily Communication at Shopfloor, Q-stop, Daily Safety Communication & Awareness
- Unique features – Process Automation, Special Processes interlocked with Poka-yoke, 100% Machine Guarding, OE Model, Workforce Diversity with >30% Females at Shopfloor, Online Kaizen Mechanism (end-to-end)
- Technology – Zero Discharge Cleaning Machine, Zero Discharge Plating Plant, Thermography Camera
- Employee Moral – Awarded as Great Place to Work for 5 times in a row. Awarded for Great Place to Work for Women, Quality Month Celebration, Quality Circles, Monthly Reward & Recognition, Monthly Event Celebrations, Safe Workplace
- Workplace Safety – Monthly Safety Townhall by MD, Daily Safety Observation Tour (SOT), Cross Learning on safety systems from group companies, Daily Safety Communication & Awareness, Safety Week & Safety Month,

Global Autotech

Company / Plant name & Location

Global Autotech Ltd & Located at 3-D, Udyog Vihar, Ecotech-II, Greater Noida (UP)

Dr. N. G. Tarle, COO & EVP | **Category : Large**

Company Information: Global Autotech Ltd is one stop solution Hub for outsourcing of world class Automotive Metal Components which includes Machined Die Casting & Squeezed casting parts (like transmission cases, Oil Pans, Brackets, Pump Housings), Steel Shafts, Piston, Tube connectors & Charging ports. Our parts are being supplied to major Domestic OEM's like Maruti Suzuki,Tata Motors, Fiat, Subros, Honda and exported to customer's like ZF-TRW, Valeo & Pierburg based at U.S, Italy, Germany, Mexico & Turkey.

Company Strengths:

- High Integrity Aluminium Castings (Squeeze casting)
- Machined Components
- State of Art Manufacturing Facility Set-up for Steel Shafts

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in Gold in (EXPORT EXCELLENCE CATEGORY) as we have:

- Good Team who is focused on growing Export business with existing as well as new customers
- State of Art Manufacturing facility meeting Global customers' requirements
- Technology products including Squeeze casting & Shafts

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

- 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.

Excellence in Localization
(Gold)

Helvoet

Company / Plant name & Location

Helvoet Rubber & Plastics Technologies India Pvt. Ltd., Pune

Mr. Avinash Kapoor, MD | **Category : Medium**

Company Information: We are a precision plastic component molding company which has the capability to even machine plastic parts to micron tolerances. We make parts that go in fuel systems, power train, ABS brakes, EVs, engine cooling and emission control. Our customers are prominent Tier 1 manufacturers like Borgwarner, Vitesco, Bosch, ZF Wabco, Knorr Bremse, Brembo, Cummins, Denso, Magneti Marelli and KSPG. Exports contribute to 34% of our sales.

Company Strengths:

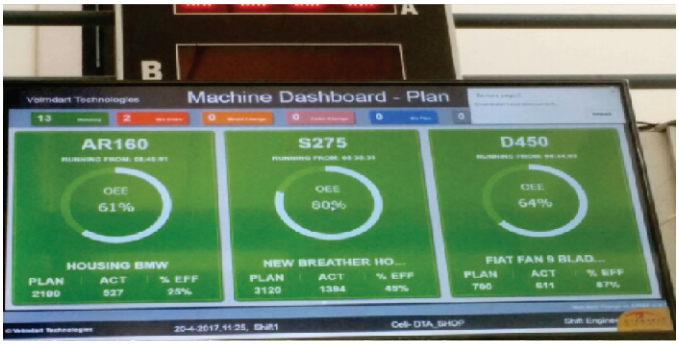
- Strong in absorbing precision technologies
- Very strong Engineering team
- State of the art plant and machinery
- Precision mold making capability
- Enthusiastic and young workforce
- Clean and workflow friendly layouts
- Employee caring company

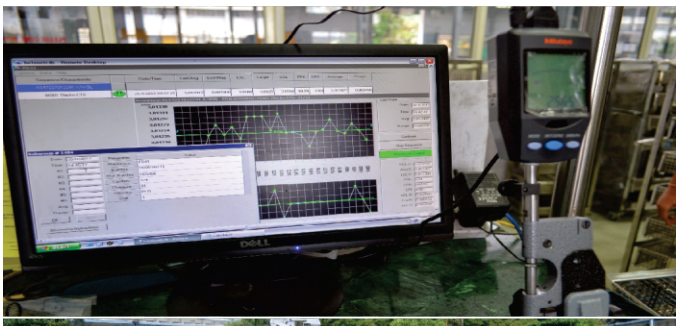
ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in (Gold in EXCELLENCE IN LOCALIZATION) as we have:

- Enthusiasm and risk taking capability to invest in new technologies for BS6
- Access to technology from Europe

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

We have earlier received ACMA Awards three times for other categories and every time, it is a learning experience as the process makes us collect lots of data and the Site Assessors are very knowledgeable, telling us many improvement points. This charges up the team. Additionally, now the process has become totally online so there is no wastage of paper.





Corporate Level - Excellence in Export (Gold)

Company / Plant name & Location

Highway Industries Limited, Ludhiana

Mr. Umesh Munjal, MD — **Category : Very Large**

Company Information: Highway Industries Ltd. HIL is a company that was incorporated in 1971 . HIL's mission is to perform & attain a Global competitive edge with focus on highest Operative Standards. It specializes in forging and precision machining of automotive components with large installed capacities for Cold, Warm and Hot Forgings and Precision Machining.

Our Product Portfolio: Engine Parts, Steering Parts, Suspension, Transmission, Differential Parts,Precision Cold Forging, Auto Pump components, Farm Equipment's, Bike Components, Defence Components & White Good Components etc.

Trusted By:
Hero Moto Corp, Maruti Suzuki, GKN, Escorts, TAFE, Sonalika, Arcelor Mittal, Multimatic & Dynamic Suspension, GKN Driveline, Magna Powertrain, Dana, Tenneco, Fuji Autotech, Mercedes-Benz, BMW, Chrysler, Audi, etc.

Company Strengths: Specialized in Cold, Warm and Hot Forgings, Si Moly, Investment Casting, Green Sand moulding, Shell moulding and Precision Machining With state of the art machines-CNCs, VMCs, MPI Testing, Heat Treatment, Robots, Forging dies with Hydraulic Bolsters, Plasma Nitriding Plant, Driving Industry 4.0, Low cost Automation

- We have our own customised softwares i.e. KISS software for Bevel Gear ,Unigraphic, Magma Simulations software, Cold form Simulation, Pre Forge Simulations, NX11, Solidwork, Solid Edge, AutoCast & Creo 3D Software for Casting (Design & Simulation), Fractal work 3D printing, NXT3.0. Transvalor Forge XT ver 2.1 , OPEX RIYO software,OBI Software, FFA software, ORACLE ERP Software...etc
- Dojo centres for effective training of employees especially the new recruits.
- Output Based Incentive (OBI) with work more & earn more concept.
- Ownership Deployment Mapping (ODM) for effective deployment of supervisory /managerial staff.
- One of the Best Kaizen practicing companies. Kaizen awards are given to employees every week for Kaizen culture development in addition to our regular R&R schemes.
- Factory Fundamental Assessments FFA of departments, a unique concept for shop floor management.
- Digitization initiative of shop floor management with introduction of software's for Production/Maintenance/ DWM from OPEX works,

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in (Gold in Export Category) as we have:

- High Growth of Exports.
- Higher Sales Despite Covid-19 Pandemic.
- Competitive Prices & Best Quality.
- Committed Highly Skilled Work Force & Management Staff.
- State of Art Machinery With Latest Technology Including Best In house Testing Facilities.
- Sourcing From specially Developed Vendors.
- Dedicated marketing sales team.

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

- ACMA Awards overall process is well designed & highly structured. The online application process was very comprehensive with questions covering every aspect of our company's operations.
- Filling the application was a marathon exercise & experience for us as we had to deep dive into all the functional areas.. Marketing, HR, Finance, Operations, Quality, Maintenance, Supply chain , to meet the application requirements .
- Though it was a virtual audit by ACMA auditors, it was a very challenging audit with in depth probing by your highly experienced auditors.
- Now that we have won the GOLD award, it has made our work much more challenging as we have to now, 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.

- Fresh initiatives post ACMA audit are being taken on Alternative sourcing of energy, particularly Solar . Initiative also being taken to understand & control Carbon Footprints in our units .

HIL OUT SKIRTS VIEW

HIL ADMIN BLOCK

HIL ETP CUM STP PLANT

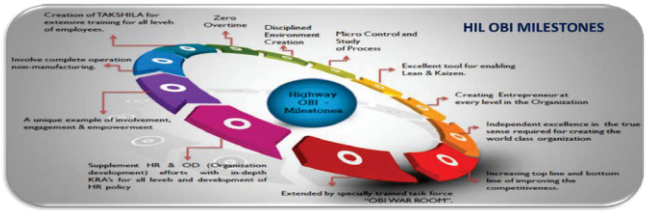
HIL MAIN GATE

HIL FORGING SHOP

HIL MACHINE SHOP

HIL HEAT TREATMENT AREA

PLASMA NITRIDING PLANT



DOJO CENTRE FOR EFFECTIVE TRAINING OF EMPLOYEES

HIL FACTORY FUNDAMENTAL ASSESMENT (PFA) DASHBOARD

HIL PERFORMANCE MONITORING BOARD

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Atmanirbhar Excellence Awards 2021

Excellence in Human Resource
(Silver)

INDO-MIM
COMPLEXITY SIMPLIFIED

Company / Plant name & Location

Indo-MIM Private Limited, Tirupati

Mr. Vijaya Kumar, President | **Category : Very Large**

Company Information: Indo-MIM is a leading manufacturer of Finish machined precision investment cast parts and sub-assemblies in ready-to-assemble condition. These parts and sub-assemblies are used by customers in Aerospace, Automotive, General engineering, and medical industry segments. Customers of Indo-MIM include Cummins USA, Europe & India, Caterpillar USA, Schaeffler India and BorgWarner, Eaton, Webasto & Garret Motion in European countries, HAL, ISRO and others in India, USA, Europe & Other Asia. Established in the year 2010, INDO MIM has developed, Manufactured, and supplied over 1000 varieties of steel & stainless-steel parts to customer drawings and Specifications.

The state of art and world class 2,00,000 Sq ft manufacturing plant of INDO MIM is housed in 10-acre Industrial land located near Tirupati

Company Strengths:

- State of Art Investment casting Facility – Air and Vacuum Melting
- Best in Class Wax Presses, Robotic Ceramic Shell mold manufacturing facility
- Well controlled and energy efficient foundry
- Best in class – Dimensional and Metallurgical testing facility
- NDT facility like X-ray & FPI
- Experienced Engineering and Quality Assurance support
- Smart & Connected Manufacturing – Industry 4.0 practices
- Automation in Primary & Back up shelling and drying of the shell molds
- Best-practice business work flows enabled by state-of-the-art ERP and MRP systems
- Professional team with significant experience in servicing customers across the globe
- ONE-STOP shop providing ready to assemble fully finished parts.
- Highly motivated Enthusiastic, Young and Dynamic team
- Fair and Just involvement of Employees in various business operations.
- Robots in the Machine Shop for improved quality and productivity
- Energy efficient practices

ACMA Excellence Awards category explanation: We won ACMA Excellence Awards 2021 Silver trophy in Excellence in HR category as we have:

- Good Practices and process controls comparable to best in class
- Good management of 4 M's – Man, Material, Machines & Methods
- Good Data Collection and analysis
- Early and Pro-active Decision making in control of various processes.
- Active Top management participation through continual review of performance trends
- Equal Opportunities to all employee ensuring their active participation in continuous improvements
- Effective project handling using 6 sigma methodologies.
- Very good training and skill upgradation at all levels - 15 Black belt champions and 52 Green belt engineers
- Lean Manufacturing practices
- Excellent Welfare to all employees ensuring safe and healthy working conditions.
- CSR activities to enriching the neighborhood living.

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

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 Evaluation has given us more in-depth insight of attributes required for progress avoiding downward trend.

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Excellence in New Product Design and Development (Silver)

iTriangle

Company / Plant name & Location

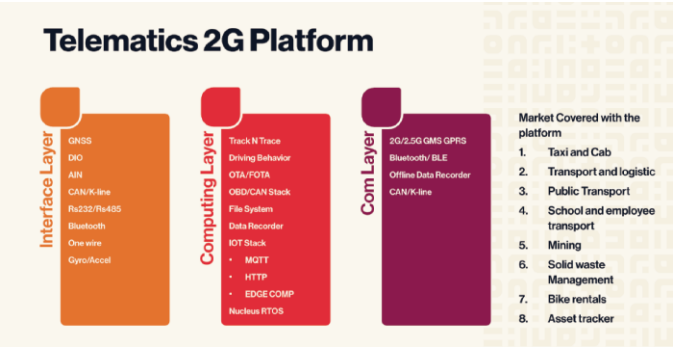
Itriangle Infotech Pvt. Ltd., Bangalore

Mr. Vadiraj S. Katti, MD & Co-Founder | **Category : Small**

Company Information: ITriangle InfoTech Private Limited is a Bangalore based company, working in the domain of IoT and Telematics. Founded in 2009 by Mr. Vadiraj Katti & Mr. Kiran A R, iTriangle InfoTech is currently the largest Automotive Telematics Company from India. iTriangle Infotech is an Indigenous Design, Development and Manufacturing Company, providing hardware solutions to various domains like Transport, Logistics, Health Care, BPOs, Educational Institutions, Tours & Travels and various Govt. Sectors. Having innovation as its strength, the company is focused on developing cutting edge products with an end-to-end execution capability in Automotive and Transportation Telematics.

As a pioneer in this field, iTraingle Infotech has already deployed more than 500000 devices in the market, predominantly in India and the company wants to consolidate its position further by launching its products and services in the APAC, MENA and the North American region and become a global Company from India. region.

Key products:



Basic telematics: TS101 Basic (2G)
Compliance telematics: Bharat 101 (AIS 140 compliant), UX101 (4G)
Advance telematics: Advance tracking device with Accelerometer & serial port
TS 101 Basic EV CAN
Onboard Diagnostics

Company Strengths:
iTriangle is the largest Indian maker of Vehicle Telematics devices having deployed more than half a million devices in the field. iTriangle is proud to be the champion of Atma Nirbhar Bharat.

- iTriangle's Bharat101 is the first AIS140 certified device in the country.
- The Company designs its products in house and manufactures products with support of 2 outsourced manufacturing facilities.
- iTriangle currently has product/service offerings in the Vehicle Tracking and Monitoring, Fleet Management & Personal Tracking and Safety, Diagnostics and Prognostics domains.
- iTraingle is the first Indian Company to offer advanced telematics and diagnostic services like Vehicle ECU updates, Firmware over the Air, ECU Reprogramming etc.

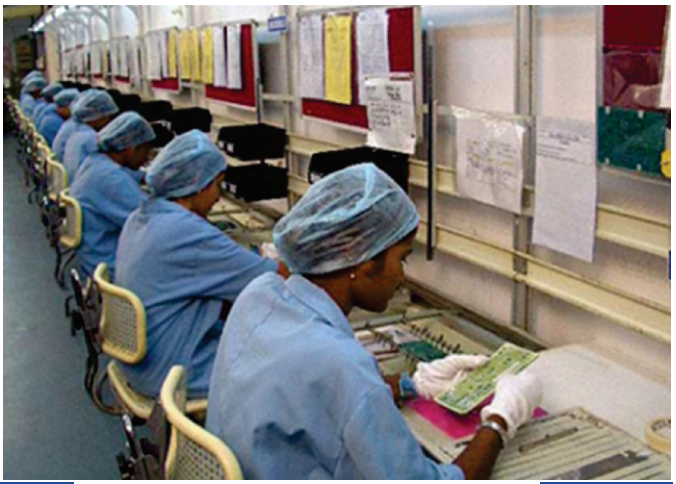
Key Customers:
iTriangle Infotech serves cross section of the industry and has in its list, esteemed Customers like Ashok Leyland, Mahindra, Volvo Eicher, Royal Enfield, Indian Oil Corporation, State Transport Corporations, Tata Communication etc.

ACMA Atmanirbhar Excellence Awards category explanation:
The ACMA Atmanirbhar Excellence Awards2021 trophy in Silver EXCELLENCE CATEGORY has been awarded to iTriangle Infotech as the Company has a demonstrated and a proven success in:

- Indigenously designed & developed manufacturing of devices.
- Robust development process working on futuristic product designs.
- Recognized as a strong player in the telematics domain by key industry players.
- A strong and a sustained focus on Technology, Research and Development

How ACMA Awards process is helping your company to improve further :
Team iTriangle is delighted and honoured to receive this prestigious award by ACMA.The Atmanirbhar Excellence award is a vindication of our belief and conviction to be India focused and be completely indigenous in our approach. It will inspire us to continue to tread the path of excellence and come out with innovative products and technology which will improve the productivity of our customers and at the same time be beneficial to the society. This award will give us a huge huge fillip in our efforts to be a truly global company originating from India.

The assessment process adopted by ACMA for the awards, were very thorough and were conducted by an expert panel.It was really enlightening to go through the online assessment sessions and the in depth analysis that was done remarkably well.



JK Fenner

Company / Plant name & Location

J.K. Fenner (India) Limited, Madurai

Excellence in Digitalization (Bronze)

Mr. Nagaraju Srirama, President & Director

Category : Very Large

Company Information: J.K. Fenner (India) Limited is a total solution provider for mechanical power transmission, Fluid sealing and Fluid transfer for automotive and industrial application. It manufactures power transmission belt for General Engineering , Lawn and Garden and Automotive applications, Oilseals and Hoses for General Engineering and automotive application. Our Major customers are John Deere USA, Claas India, Timken USA, Kirloskar, Tata Motors, CNH, M&M, TAFE, BEML, HANON, Grainger USA, etc.,

Company Strengths:

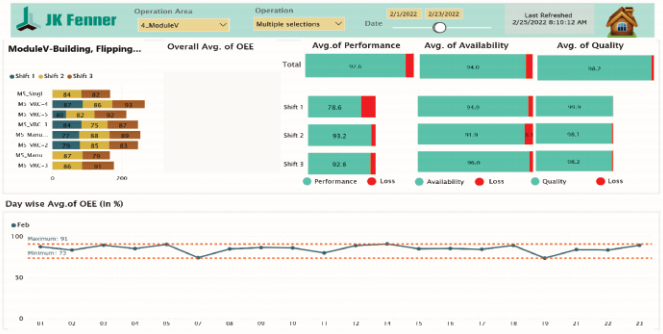
- Digitalization of shop floor through Industry 4.0
- Production Planning and Execution through TOC concept
- Hospital Clean shopfloor and visual factory
- Use of BI analytical tools for Plant OEE improvement

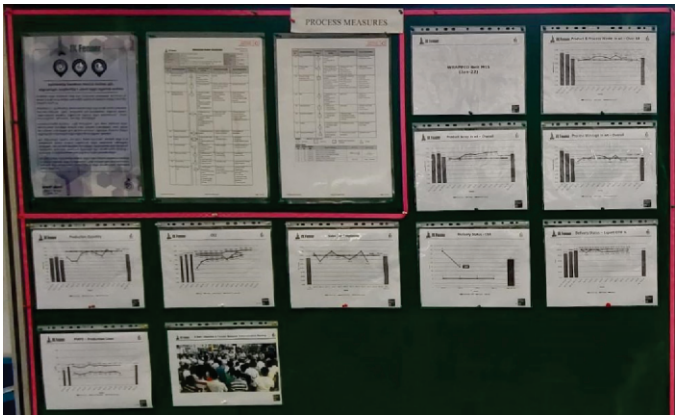
ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in (Bronze award in EXCELLENCE IN DIGITALIZATION CATEGORY) as we have:

- Clear vison and commitment by top management for Digitilization
- A dedicated team involving the process owner at each stage
- Excellent Horizontal & Vertical communication about Objectives
- Partnering with the right supplier for qualitative and speedy implementation
- Harnessing the latest digitization tools and techniques (BI & MI)

How ACMA Awards process 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.
- The assessors feedback is very focused and they help us to understand the best practices followed by other companies.
- During virtual site assessment by assessor, they provided the idea about handling the huge data for analysis and insights .





Excellence in Human Resources (Gold)

Excellence in Manufacturing (Silver)

JAI HIND AUTO TECH

Company / Plant name & Location

Jai Hind Auto Tech Industries, Pantnagar

Mr. Tej Ram Singh, General Manager **Category : Small**

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 Vision: To become India's leading supplier of plastic parts with global standard in terms of quality delivery & price using environment friendly technologies to all the segments of the industry by the year 2024.

Our Mission: Our mission is to exceed customer's expectation by offering best services & products of world class quality at the most competitive prices to achieve significant continual improvement through reduction in all forms of waste and optimum use of all types of resources under safe working environment.

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.
- We have Elevator Crane(Capacity 6.5 TON).
- Individual material auto loader and Hopper Dryers for machine.
- Dehumidifier Unit (Motan Make) Capacity 500 Kg.
- Mould Temperature Controller & Hot Runner Temperature Controller (up to 10 Zones).
- We have contingency for power supply (D.G- 400 KVA).
- 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.

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.

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.

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in (Gold in Excellence in Human Resources & Silver 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.

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

- It was wonderful journey over the years from ACMA BASIC CLUSTER PROGRAM to Gold in Excellency in Human Resource and Silver in Excellency in manufacturing .Our team thoroughly learnt a lot from this journey. Team work improve, joyful work place, moved towards lean manufacturing. Site assessment was wonderful and up skilled our presentation. We appreciate ACMA coordinator and all team for their regular guidance.

MOULDING
SHOP

JOURNEY OF JAI HIND FAMILY
QUALITY
COST

SPEED LIMIT
KM/HR
10
गति सीमा
ONLY MATERIAL
VEHICLE ALLOWED
ZONE - B (A)

Excellence in Export (Silver)

Excellence in New Product Design & Development (Bronze)

JBM Group
Our milestones are touchstones

Company / Plant name & Location

JBM Auto LTD-Tool Room Division, Faridabad

Mr. Mayank Varma, Business Head- Tooling & Technology | **Category : Very Large**

Company Information: JBM Auto Limited -Tool Room Division is one of the leadingmanufacturers of automotiveSheetmetal tooling/Dies/fixtures/Robotics & Automation solutions for Indian & Export market.

Company is having multiple plants across NCR region and catering to all major automotive OEM and Tier-1 vendors among these few are as below.

- Maruti Suzuki India Limited
- Tata Motors
- Mahindra & Mahindra
- PSA
- Honda Cars India Limited
- Toyota
- Volvo Eicher
- Mercedes Benz, BMW (Export)
- HMSI, Bajaj Auto, Hero Moto, TVS, Royal Enfield, Mahindra 2W, Atul Auto etc.

Company Strengths:

Products – Sheetmetal Tooling for.

- Skin Panels,
- High Tensile Parts (up to 980 Mpa)
- Chassis & Suspension parts etc.

Facility - We are equipped with the state-of-the-art infrastructure. The salient features are:

- Design Facilities – Approx. 100 No's of Engineers
- CNC Machines – 36 No's
- Trial Press – 18 No's.
- Laser Cutting Machine – 2 No's.
- ISO certifications – ISO 9001, ISO 14001 & ISO 45001
- Technology – 3 Axis & 5 Axis VMC machines, Scanning, CAD, CAM & CAE etc.
- Shop Floor Practice – Heinrich Board Displayed, Kaizen Scheme, Supervisor development plan etc.
- Unique Feature – LEAP (Leadership Excellence Agile People) scheme in JBM group which motivate to peoples for taking small projects by creation or innovation of ideas.
- Morale – Regular Engagement with employees on various platforms, Advance Training Tools, Career Enhancing opportunities, Inhouse tools for knowledge enhancement like E-Library, E –learning etc.
- Employee Initiatives – Sankalp Siddhi which is an employee centric initiatives for enriching life along with family & friends. Company laid down a unique platform to enable/unlock potential of employees and their family in all verticals of life like Physical & Health, Financial & Career, Spiritual& Ethical, Social & Culture, Family & Home, Mental & Education.

ACMA Atmanirbhar Excellence Awards category explanation:

We won ACMA Atmanirbhar Excellence Awards 2021 trophy in (Bronzein Excellence in New Product Design & Development & Silver in Excellence in Export) as we have:

- State of the art Infrastructure
- Documented work flow and processes
- Experienced team with global exposure
- Proven track record with Domestic and Global customers
- JV with overseas leading companies.

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

- The ACMA award process is robust and transparent, which encourages us to participate in different categories. Our website was assessed by ACMA auditors who have global experience and guided us to improve further.As a result, this accreditation is a great motivating factor for the entire organization. This accreditation is a credible evidence for both existing customers and new prospects, which will help us gain the trust and confidence of customers.

Excellence in Health, Safety & Sustainability (Silver)

KRISHNA

Company / Plant name & Location

KML SEATING (A unit of Krishna Maruti Ltd) , Sector- 3A, IMT Manesar , Gurgaon

Mr. Ashok Kapur, Founder & Group 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 39 existing facilities (24 Interiors & 15 Metals) spread across major automotive hubs in the country.

KML SEATING is 2nd Seating Plant in Group established in 2008 & situated at MSIL JV Park Manesar 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

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in Silver in HSS CATEGORY as we have:

- Surprise Inter-plant Safety audit by senior management (CFT) which helps to focus Health, Safety always on Top & focus on sustenance
- Achieved ZERO NC in ISO 14001 & ISO 45001 External audits since last 3 Years consistantly
- Monthly Doctor Visit in each plant to take care of Family Health
- 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 Safety, Near-Miss
- Targets are owned by Employee during LSIP (Large Scale Interactive Process)
- Conducting Happiness & positivity (Employee Satisfaction) online survey by External Agency
- First mover in Industry to create SOP's on Covid-19, total 19 SOPs were created including all area
- Safety is our priority

How ACMA Awards process 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

LUMAX

Company / Plant name & Location

Lumax Ancillary Ltd., Chakan, Pune

Excellence in Manufacturing (Certificate)

Mr. Devender Vashisht, AVP – Business Head

Category : Medium

Company Information: Lumax Ancillary Limited (LAL) was incorporated in 1981 under the aegis of Lumax - DK Jain Group of Companies. In 2011, it was publicly listed as Lumax Ancillary Limited. This is an IATF 16949:2016 Certified Company , manufacturing Wire assembly for Headlamp, Tail lamp, Switches, Oxygen sensor, Telematics and Electric Vehicles for 4 Wheeler, 2 Wheeler & Commercial Vehicles. Lumax Ancillary Limited has 4 plants at Gurgaon, Pune, Rudrapur and Kaleamb manufacturing a wide range of auto Light and switch Wiring Harness & Small Lamp in India, supplying as a tier 2 to all segments of market – OEMs (Honda, TVSM, Bajaj, Mahindra, Toyota, Tata, MG), Aftermarket and Exports)

Company Strengths:

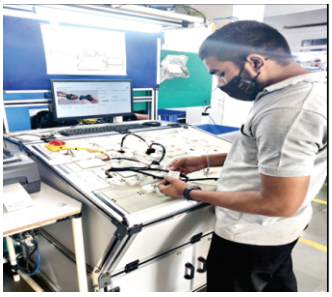
- **LATEST TECHNOLOGY USE IN WIRING HARNESS PROCESS.**
- **ADVANCE PRACTICES OF LEAN PRACTICES:**
- Improving Productivity by Sigma CT Study, Work Sampling & Process optimization Implemented Plant.
- Productivity through Waste reduction study (O-Saleable Job, D-Not saleable but necessary, X-Total waste)
- **LATEST PRACTICES IMPLEMENTATION OF TQM:**
- Crimping compression ratio monitoring.
- Cost of Poor quality is monitoring on daily and monthly basis
- **LATEST PRACTICES OF MANPOWER COMPETANCY.**
- Mapping each associate on Knowledge, Skill and Behavior.
- Focus on 8th waste as an intellectual wastage and monitoring by Job Competency and Draw the Carrier path of Engineer level.

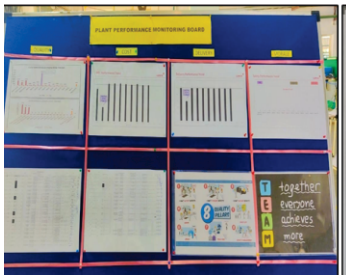
ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in (Certificate of Appreciation in Manufacturing EXCELLENCE CATEGORY) as we have:

- Latest Machine of automatic wire cutting, striping, crimping and tinning machine implemented.
- Latest Technology of Wiring Harness Implementation: Test Bed table for Wrong connection, Light testing, back out, leakage testing.
- Daily 12 points quality control points monitoring for quality excellence, cost competency and on time delivery.
- New parts Development Check Sheet, implement the best practices on MGM line.
- Make the Waste Matrix and review on daily basis, add the 8th waste as an intellectual wastage and monitoring by Job Competency.
- To reduced DOL items waiting time and direct issuance on shop floor.

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

- ACMA Award Assessment helps us to analyze our weakness, strength, gaps and scope of improvement .





LUMAX

Company / Plant name & Location

Lumax Auto Technologies Ltd., Pantnagar, Udham Singh Nagar (Uttarakhand)

Excellence in Health, Safety & Sustainability (Bronze)

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.

Lumax Auto Technologies Limited - Pantnagar was established in 2007 to cater to one of the most prestigious two-wheeler manufacturers, Bajaj Auto Limited. The plant is engaged in manufacturing of Light assemblies, Plastic molded and painted parts like Fairing assembly, Fender assembly, Head Lamp assembly, Tail Lamp assembly & Blinker Lamp assembly.

Company Strengths:

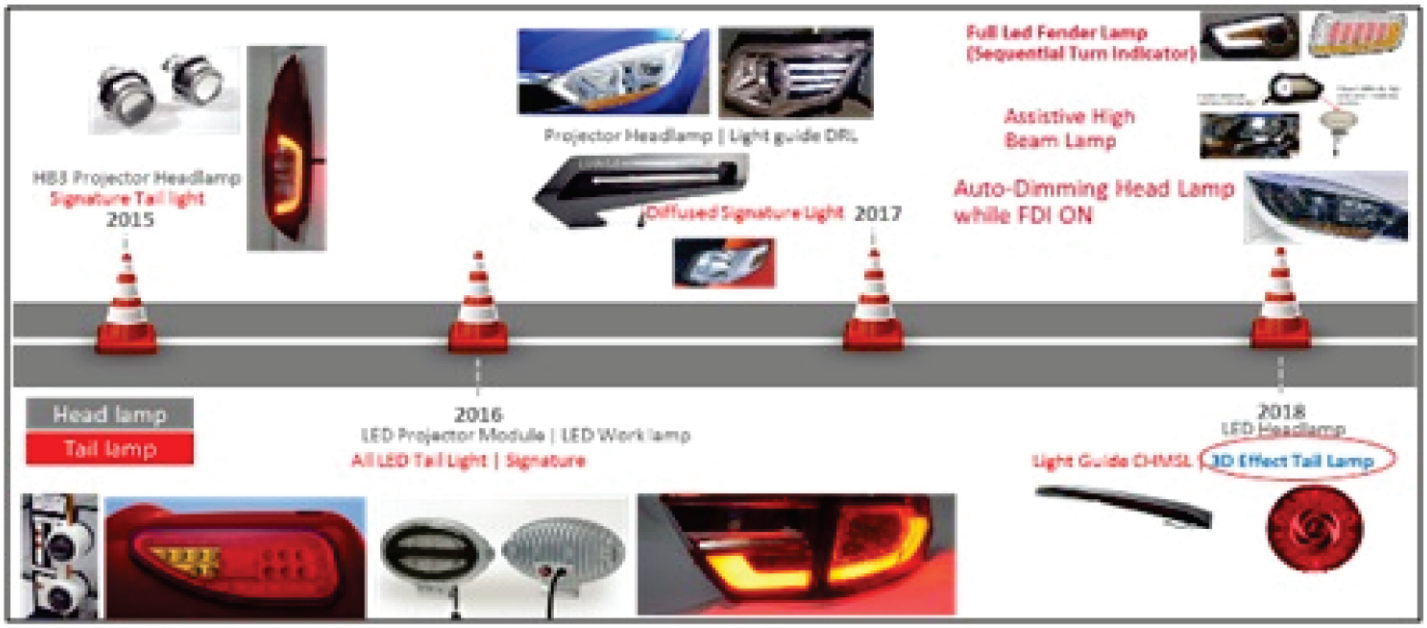
- Conveyorized assembly lines for flexible manufacturing to meet customer fluctuating demand with low cost with minimum human touch has been well
- Conveyorized Material handling system throughout plant. The process is well appreciated by customer senior management.
- Best Technology machine/equipment and SPMs to produce superior Quality products at low cost.
- Dynamic education and training system to keep the employees motivated and trained to perform their job.

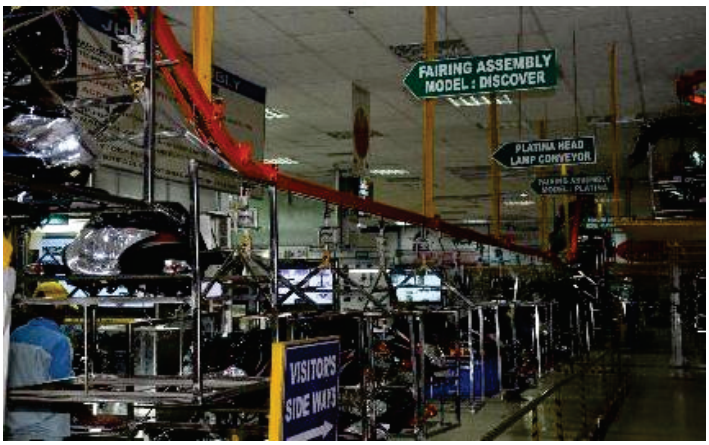
ACMA Atmanirbhar Excellence Awards category explanation: Awarded ACMA Atmanirbhar Excellence Awards 2021 trophy in (Bronze in HSS EXCELLENCE CATEGORY)

- The plant follows TPM, the prime mover for excellence and high level of safety standards in and outside the plant resulting in Zero Accident & Zero Defect Culture
- Dedicated vertical for Tier-2s Management
- Dedicated vertical for Low Cost Intelligent Automation (LCIA)
- State of art training centre for employee named as 'Gurukul'
- Regular bench marking with leading industries for safety practices in Lumax. Sustaining zero accident since inception of the plant.
- Ongoing Kaizen and suggestions Campaign at plant level to engage each and every employee.
- This is a Zero discharge facility and is continuously striving to reduce carbon foot-print
- Formed a supplier cluster led by Lumax industries for learning enhancement and sharing of best practices among neighbouring companies
- Dedicated team having core values i.e.Respect, Integrity, Passion and Excellence (RIPE)
- Strategies are aligned with group Purpose & Vision which are further cascaded down to KRA & KPI of each employee

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

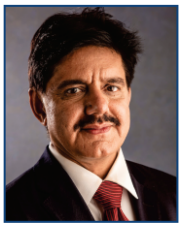
- ACMA award process enables us to identify our strengths and opportunities for improvements which are essentials for progression towards a 'built to last' organization.


Full Led Fender Lamp
(Sequential Turn Indicator)
Assistive High
Beam Lamp
Auto-Dimming Head Lamp
while FDI ON
Projector Headlamp | Light guide DRL
Diffused Signature Light
H83 Projector Headlamp
Signature Tail light
2015
2016
LED Projector Module | LED Work lamp
All LED Tail Light | Signature
2017
2018
LED Headlamp
Light Guide DRL
3D Effect Tail Lamp
Head lamp
Tail lamp


FAIRING ASSEMBLY
MODEL : DISCOVER
PLATINA HEAD
LAMP CONVEYOR
VISITORS
SIDE IN

7th ACMA Technology Summit
Atmanirbhar Excellence Awards 2021

Corporate Level - Excellence in New Product Design & Development (Silver)



LUMAX

Company / Plant name & Location

Lumax Industries Limited, 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 38 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, HMSI, Honda Cars, Mahindra & Mahindra, Maruti Suzuki, MG Motors, Tata Motors, TVS and others.

Company Strengths:

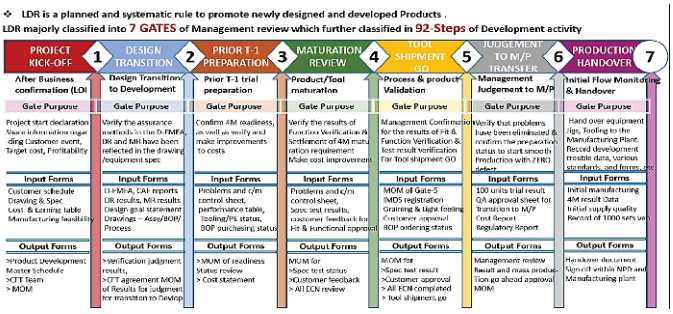
- Innovate in India
- Design office in Taiwan and Czech Republic
- Encourage and adopt new technology
- Market leader in automotive lighting and gear shifters
- In house product design and development capability
- Best in Industry manufacturing facility

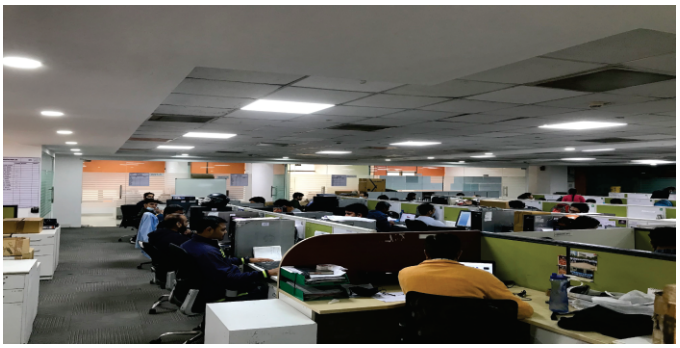
ACMA Atmanirbhar Excellence Awards category explanation:
Awarded ACMA Atmanirbhar Excellence Awards 2021 trophy in Silver in NPDD as we have:

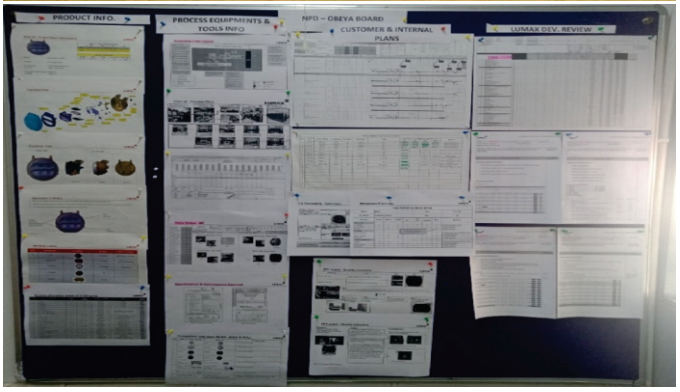
- Dedicated Team of skill experts (Optics, Electronics, CAE, Mechanical)
- New Technology Group - futuristic technology for Indian customer
- Lumax development rule for planning, Monitoring & controlling Design & development:

How ACMA Awards process 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.







Excellence in Manufacturing (Gold)

LUMAX

Company / Plant name & Location

Lumax Industries Limited, Pantnagar

Mr. Deepak Jain, Chairman & Managing Director | **Category : Very Large**

Company Information: Lumax Industries Limited, a flagship company of DK Jain Group, is India's pioneer and most experienced player in the Automotive Lighting Industry. The company has over 38 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, HMSI, Honda Cars, Mahindra & Mahindra, Maruti Suzuki, MG Motors, Tata Motors, TVS and others.

The manufacturing units with advanced technologies offer mass production, end-to-end automotive lighting solutions, HVAC Panels and other electronic components in sync with the customer's specifications, at par with the world's best plant engineering standards.

Lumax Industries Limited - Pantnagar was established in 2008 to cater to one of the most prestigious four - wheeler manufacturers, Tata Motors Limited. The plant is engaged in manufacturing of Light assemblies, parts like Head Lamp Assembly, Tail Lamp Assembly, Fog Lamp Assembly, Roof Lamp Assembly, Reflex Reflector, High Mount Stop Lamp, Side Repeater Lamp Assembly etc.

Customers: M/s Tata Motors Ltd, Pantnagar & Dharwad, M/s Mahindra & Mahindra Ltd –Haridwar, Nashik, Chakan, Zaheerabad & Kandivali, Supporting to M/s Hero Moto Corp through Lumax Haridwar plant.

Company Strengths: Lumax introduces the best available Technology, Machine/ equipment to produce the best Quality products with latest technology at affordable cost. Lumax provides training to all associate level team to make each employee multi skilled and conducts Employee satisfaction survey to strengthen and ensure the positive engagement of Employee.

Lumax strongly practices TPM philosophy to develop World Class Manufacturing facilities and achieve excellence in manufacturing and has been awarded TPM Excellence in Category A and Consistency in TPM Excellence from JIPM –Japan. Management focus areas are latest technology both in product design , validation, manufacturing practices. Other areas of focus are 5S, Kaizen, QCC, CCC and WCSQ activities etc.

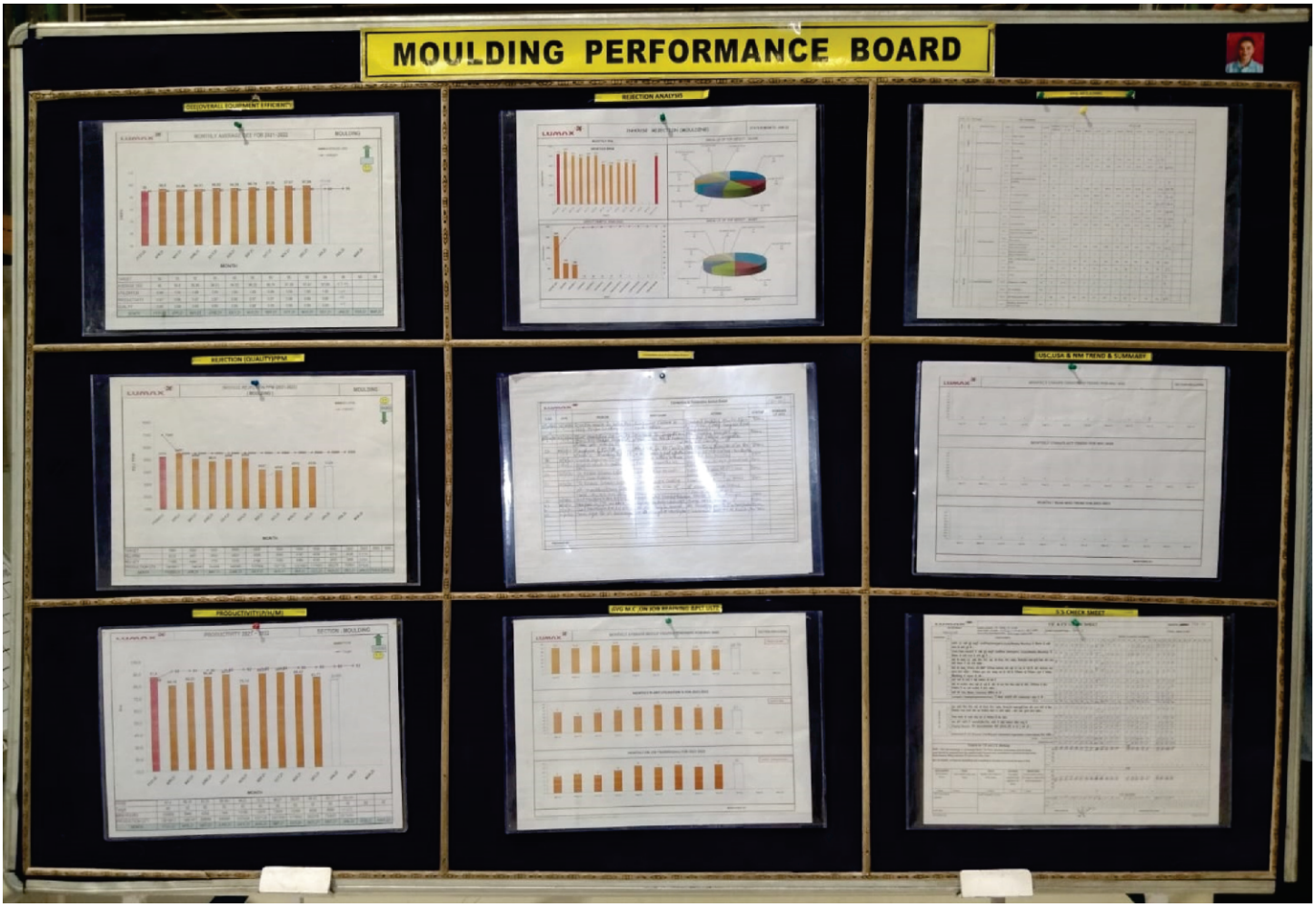
ACMA Atmanirbhar Excellence Awards category explanation: The plant won ACMA Atmanirbhar Excellence Awards 2021 trophy Gold in EXCELLENCE in Manufacturing.

The goal is to achieve highest level of Customer satisfaction. Organization has World Class Manufacturing Facilities, best innovated operating systems, Systematic material storage and handling and above all we have highly Motivated, Experienced & Multi skilled Team.

- The plant follows TPM, the prime mover for excellence and high level of safety standards in and outside the plant resulting in Zero Accident & Zero Defect Culture
- Dedicated vertical for Tier-2s Management
- Dedicated vertical for Low Cost Intelligent Automation (LCIA)
- State of art training centre for employee named as 'Gurukul'
- Regular bench marking with leading industries for safety practices in Lumax. Sustaining zero accident since inception of the plant.
- Ongoing Kaizen and suggestions Campaign at plant level to engage each and every employee.
- This is a Zero discharge facility and is continuously striving to reduce carbon foot-print
- Formed a supplier cluster led by Lumax Industries for learning enhancement and sharing of best practices among neighbouring companies
- Dedicated team having core values i.e. Respect, Integrity, Passion and Excellence (RIPE)
- Strategies are aligned with group Purpose & Vision which are further cascaded down to KRA & KPI of each employee

How ACMA Awards process 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.


MOULDING PERFORMANCE BOARD

VIBRATION MACHINE
BRANSON
CHILD PART ASSY STATION I,2
LEAK & LIGHT TEST STATION
FINAL INSPECTION

Excellence in Manufacturing (Silver)

LUMAX

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 manufacturers 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 throughContinental India Pvt. Ltd., Toyota Kirloskar Motors through Toyota Boshuku India Pvt. Ltd. and Maruti Suzuki India Ltd. It is situated in a water scares 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.)

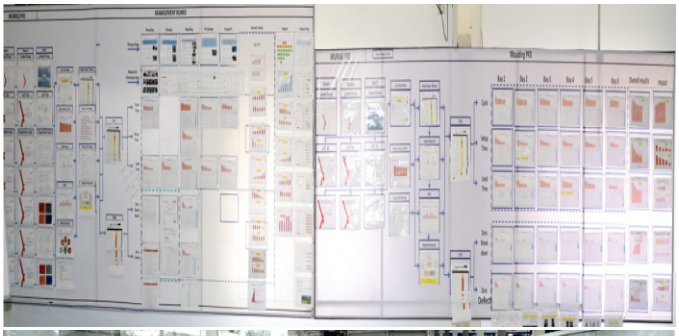
- Certified for IATF – 16949, ISO – 45001 & ISO – 14001
- Certified for Excellence InTPM from JIPM
- Imported and well equippedMoulding Machines ranging from 180 ton to 1000 ton ensuring high productivity levels.
- Hiring well qualified Diploma Engineers for Machine operation and inspection process.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

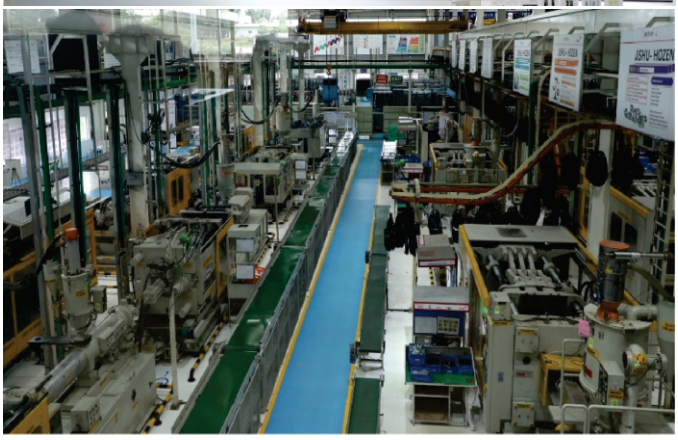
ACMA Atmanirbhar Excellence Awards category explanation: The plant won ACMA Atmanirbhar Excellence Awards 2021 trophy in (Silver in EXCELLENCE IN MANUFACTURING) due to

- 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.

How ACMA Awards process 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.





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Atmanirbhar Excellence Awards 2021

LUMAX

Company / Plant name & Location

Lumax Industries Limited, Chakan, Distt - Pune 410501

Excellence in HR (Bronze)

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 38 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, HMSI, Honda Cars, Mahindra & Mahindra, Maruti Suzuki, MG Motors, Tata Motors, TVS and others.

Our product:-

Automotive lighting (Head Lamp, Tail Lamp, Small Lamp, And Fog Lamp for both 4 Wheeler and 3 Wheeler)

Our Process:

Injection and BMC molding, UV & Base Coat Metalizing (Both Conventional and Plasma) Lamp Assembly with Robotic adhesive application.

Key Supplier:

GE, LG Lumax DK, Aar Aar Technoplast, Vimal Molders, Infinity Indus, Bohra Rubber, Phillips, Osram, Lumax Ancillary, Bharat Enterprises.

Domestic Customers:

Mahindra & Mahindra, TATA Motors, Piaggio, Audi, Ashok Layland, Force Motor.

Company Strengths: Strong JV Partners in group, Advanced Technology in Manufacturing process with ESD control assembly, Available Required testing facility for COP, Skilled Manpower, TPM Practices in shop Floor, Inhouse Design Centre with all required Softwares and Design Studio, Sadbhav (SQA), Sahyog (Manufacturing-Engineering), Self-Reliance and Technology(Design &Development), etc.)

- **Group Initiatives:-**
- Communication Pyramid for effective communication down to last level of employee
- Creating programs to improve the quality of the work environment like Quality Circles for Blue Collared, Sparsh (for new joinees), Champions of Cost Cutting(CCC) for White Collared,
- Developing talent and future leadership
- Conducting motivational programs
- Digitalisation of HR
- Focus on Human and Machine Safety
- Gender sensitisation programs

Best Practices:

- Inhouse Doctor
- Employee Involvement through QCC Activity, Kaizen, Suggestions, Cost optimising initiatives etc.
- ACMA Compensation Benchmarking Survey Every year
- SPARSH – for new joinee connect with HR
- SAMVAAD - Meeting with Operations Head, Plant Head & HR Head to focus and resolve HR issues, implementation of Blue Collar Policy to mitigate the risks
- SHABASH – reward and recognition schemes
- HR Meet for HR capability Building
- Gurukul in all manufacturing locations
- Lumax Employee App - Suggestion and feedbacks of employees are taken and HR help desk is available to reach to employees in case of need.
- Support During Covid to employees, families and suppliers

Manufacturing process strength:

- Advanced Technology in manufacturing process i.e. Hard Coating on Lens (Spray and Flow Type), Plasma Coating Metalizing, Vibration Welding, Robotic Gluing etc.
- ESD control assembly,
- Available required testing facility for COP,
- TPM Practices in shop Floor
- Conveyerized material movement.

ACMA Atmanirbhar Excellence Awards category explanation:

We won ACMA Atmanirbhar Excellence Awards 2021 trophy Bronze in HR EXCELLENCE CATEGORY) as we have:

- Practicing Best People Practices in HR through Employee Involvement.
- Talent Pipeline (Succession & Career Management) - Ensure Leadership Continuity and building Talent from within - Identification of critical positions, mapping current resources, assessment of resources and individual development plan
- QCC - winning ICQCC for 4 consecutive years in a row
- Demographic presence: 20% female in the plant

HR Vision

LUMAX

Build an organisation with People
to become,
"Great Place to work"
with belief that
"In Lumax - RIPE is a way of Life".

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MAGAL tech

Company / Plant name & Location

Magal Engg. Tech Pvt. Ltd., Mathura Village, Kancheepuram, Tamil Nadu

Mr. J. Sridhar, CEO

Excellence in New Product Design and Development (Silver)

Excellence in Manufacturing
Excellence in Export
Excellence in Human Resources
(Bronze)

Excellence in Health, Safety & Sustainability (Certificate)

Category : Medium

Company Information: Magal Engineering Tech is a successful tier 1 company, part of the international Magal 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 (Tier-2) 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.

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-HANA 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 ACMA Awards 2021 trophy in:

(i) Excellence in New Product Design and Development - Silver
(ii) Excellence in Manufacturing- Bronze
(iii) Excellence in Export - Bronze
(iv) Excellence in Human Resources - Bronze
(v) Certificate award for Excellence in HSS

With our:

- State of the art Manufacturing Facilities,
- Committed and self-motivated Employees,
- Magal Way- based on Lean principles
- Quick Response Culture
- Customer Focused approach
- Innovative Culture across the organization

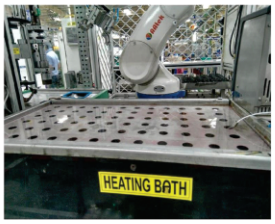
The ACMA awards program enabled us to understand the best practices and benchmark ourselves against these best practices. Also this has given us the opportunity to identify the future scope for improvement and to excel in our approach to maintain the “Magal way” and “Drive to Zero” program. Winning this 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 award from ABK AOTS DOSOKAI

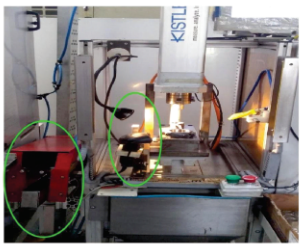
ROBO CALIBRATION M/C - WATER BATH

MAGAL tech



ERROR PROOF MECHANISM OF CONROD

MAGAL tech



Conrod Bush load traceability, to scan the laser marking based on the serial number bush load recorded & rejection inter lock with machine MMI control

Conrod Bush load traceability, to scan the laser marking based on the serial number bush load recorded.

motherson MARELLI

Company / Plant name & Location

Marelli Motherson Automotive Lighting India Private Limited, Ahmedabad

Excellence in Localisation (Bronze)

Mr. Vishal Swarupshyam Kabadi, President

Category : Very Large

Company Information: Automotive lighting (exteriors) and plastic air intake manifold assemblies

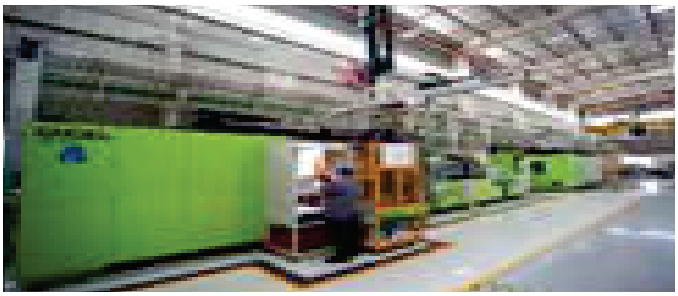
Company Strengths: In house process multi-layer/multicolour moulding/coating/metallisation/assembly, NABL certified in house testing lab, in house local design centre.

- VW "A" Rating
- Ford "Q1"
- WCM (world-class manufacturing) Bronze Award
- Best development Award from Honda India
- Best design award from Mahindra
- Best supplier for design and development from Maruti Suzuki

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy (Bronze) in Localisation as we are the First LED Module manufacturer in India.

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

- ACMA award process helped us in quantifying our project as well helped us in identifying the needs and purpose for every project. We appreciate the transparent and unbiased evaluation method, in-depth evaluation, knowledge transfer, effective KPI monitoring and evaluation and the strong background of the jury members.



7th ACMA Technology Summit
Atmanirbhar Excellence Awards 2021

Excellence in Human Resources
Excellence in Digitalization
(Gold)

Excellence in Health, Safety & Sustainability
Excellence in Export
Excellence in Manufacturing
(Silver)

Company / Plant name & Location

Marelli Talbros Chassis Systems Pvt. Ltd., Faridabad, Haryana

Mr. Ashish Gupta, CEO **Category : Medium**

Company Information: Marelli Talbros Chassis Systems Private Limited Is 50:50 Joint Venture between Talbros 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

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 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

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in Gold & Silver (Excellence in HR, Digitalization, HSS, Export and Manufacturing) as we have:

Excellence in HR :

- Strong process for training needs identification based on plant losses.
- High people involvement and engagement in continuous improvement activities.
- Established process for identification of human errors and resolution through process development and skill development.
- Maintained attrition and absenteeism rate in reducing trend on YOY basis.

Excellence in Digitalization:

- 100% Real time quality data capturing and decision making capability, interlocking across the assy. Line.
- Tape library using for backup of data.
- 100% systems are protected with Antivirus and Fortigate firewall.
- BOM , Routings are managed by ERP and operated digitally .
- Virtual platform created for business operations. Like VPN and Video conferencing.
- Design software are used on centralized server (like NX UG , Altair , AutoCAD etc.) and any authorized user can access from anywhere.

Excellence in HSS:

- Health & Safety is given first priority for all stakeholders.
- Focused towards zero discharge & zero waste.
- Dedicated team for regular EMAT & SMAT audits.
- EHS checkpoints (DR Checklist) considered during new equipment ordering.
- Regular health checkup for employee and OPD facility onsite.

Excellence in Export:

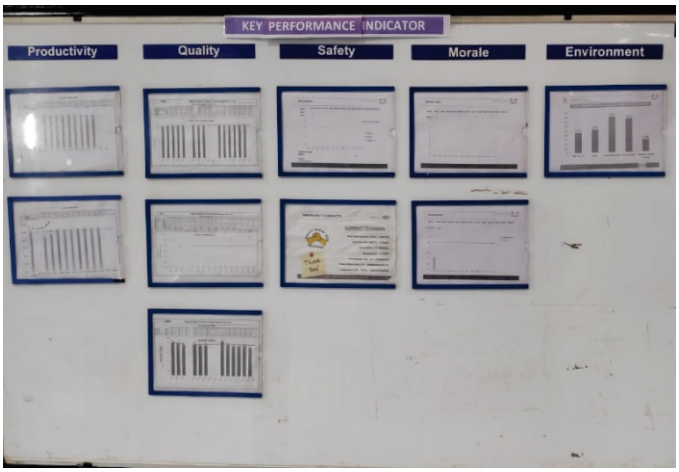
- Very Quick development and first time right approach.
- Major Improvement in product design resulting increase in product reliability.
- Systematic approach and dedicated team for monitoring overall customer satisfaction.
- Plant has been awarded with JLRQ award within one year of SOP.

Excellence in Manufacturing:

- 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.
- BAR code implementation where part mixing error is zero.
- Best Practice implemented from Marelli Global Plants.

How ACMA Awards process 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.



METALMAN MICRO TURNERS

Company / Plant name & Location

Metalman Micro Turners (Unit-2), Village-Kapriwas Akera Road, Dharuhera, Rewari

Excellence in Digitalization

Excellence in Health Safety Sustainability

(Bronze)

Mr. Navneet Jairath, MD | **Category : Medium**

Company Information: Metalman Micro Turners is a one-stop shop for all fabrication needs and is catering to Global Automotive OEMs and Construction Equipment industry. We have Process Expertise in Sheet Metal, Tubular, Fabrication, Assemblies, Machining, and various ACED Surface Treatments.. We have 2 other additional sister concerns & 1 JV Plant. All Plants Certified with IATF 16949:2016, ISO 14001:2015 & OHSAS 18001:2007. We Cater as Tier 1 and Tier 2 to various Indian and Overseas OEM's such as Hero MotoCorp, Bajaj, TVS, Royal Enfield, BMW, Harley Davidson, Anvis, CNH, Lear etc. In this financial year we have won more than 14 awards including ACMA & CII DigiTech Competition 2020 Award i.e. Best Industry 4.0 Digital Organization Award winner, Digitation for Human & Machine Safety, etc. We are a highly automated company with 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:

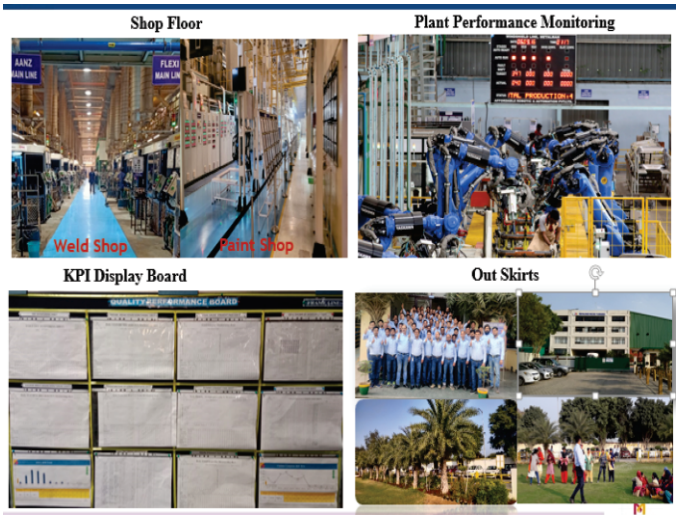
- Robotic Welding, Stamping, CNC Pipe Bending, Roll Forming, Machining, Laser and CNC Gas Cutting, Press Brake, Pipe Notching, Assembly Lines.
- Having all type of Surface Finishing such as Ni-Cr, Zn-Ni Plating, Powder Coating, spray Painting & ACED /KTL Painting, Advanced ACED-Paint Shop with all advanced digital controls i.e.- SCADA
- Real-time Management Dashboard, IOT based Monitoring system.
- Conveyorised Material handling System.
- Diversified Manpower ratio i.e. specially abled (deaf and dump), Blind inspectors working for visual inspection on Zero customer complaint and Single flow line run by women associates.
- Multiple Unique initiative on PQCDSM as well as One Patent on BEAT THE AIR POLLUTION.
- Win 14 National level award thru ACMA Excellence and CII and Exceptional Supplier Hero MotoCorp our Valuable Customer on Green Vendor Development Program (GVDP).
- Highly Motivated & Energetic young team of Engineers with positive mind set.

ACMA Atmanirbhar Excellence Awards category explanation:-
We won ACMA Atmanirbhar Excellence Awards 2021 in following category

- Excellence in Digitalization: Adapted to new technologies in the welding process. We started working on continuously increasing automation in welding operation and achieved Up-to 100% in many of our assemblies and we have created IoT based Real-time Production Dashboard, Sale Dashboard, Plant Monitoring Dashboard.
- Excellence in Health Safety Sustainability: We have driven activities i.e.- 05 Near Miss Identification & Closure /Employee/ month, Green Vendor Development Program, Non-conventional Energy, Reduce in Hazardous Waste Generation, % Increase of Tree Acre, Reduction of Carbon Foot Print.

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

- Excellence in Digitalization (ACMA Awards helped us to promote new way of technology adoption, their Site assessment team helped us in gap identification in running program, help us to understand better industry practices in Cluster companies.) and well Experience sharing .



Excellence in Human Resources
(Silver)

MICROSIGN PRODUCTS
Since 1978

Company / Plant name & Location

Microsign Products, Bhavnagar, Gujarat

Mr. Nisheeth Mehta, CEO | **Category : Small**

Company Information: Microsign Products is a manufacturer of Components from Engineering Plastics for Binding & Fixing of wires/Pipes. Its an IATF 16949 & ISO 14000 Certified Organisation with 150KW of Solar Roof Top system generating 40% of the energy from Green Energy.
What's unique about Microsign Products is that approximate 50% of the employees are formed of PwD's due to which we have received Presidential Award too.

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

- Overall Retainer-ship ratio of HR of around 15 to 20 Years
- Technologically Advanced Injection Moulding Machines from Fanuc, Japan
- Approximately 50% PwD's working in the organisation
- Serves to critical industries of Defense & Aerospace

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy - Silver in Excellence in HR as we have:

- We have PwD's working in our organisation who form 50% of our workforce but are working at Par with the Normal People. Its a Sustainable working methodology implemented since 1986

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

- Site Accessment was very useful with deeper insights given by Auditors for Gap Analysis & Continuous improvement.

UNO MINDA

Company / Plant name & Location

Minda Industries Limited- Seating Division, Belagondapalli, Thally Road, Hosur- 635114.

Excellence in New Product Design & Development

Excellence in Exports

(Bronze)

Mr. A. G. Giridharan, President | **Category : Very Large**

Company Information: Minda Industries Limited seating division is the leading manufacturer of seating systems in India. Established in 1988 with Design, Comfort, Safety and innovation as its core elements, Minda Industries seating division has emerged as a trendsetter in the field of automotive seating in India. Minda Industries seating division exports to many countries meeting global quality standards. The product segments catered are:

- Commercial vehicle seats
- Bus seats
- Tractor seats
- Construction Equipment seats

Company Strengths:

- NABL accredited R&D lab and quality lab
- Complete design capability including 100% inhouse certification facilities for AIS, ECE and ADR
- Employee engagement through TEI activities
- Inhouse Robot welding and surface treatment processes

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in Bronze in New Product Design & Development and Exports Category as we have:

- Demonstrated robust systems and procedure followed for New product development through ACMA design cluster programs
- Visible benefits of robust systems through NPD performance metric's trends
- Constantly engaged with customers and proactively upgraded ourselves to their latent Quality needs
- Consistently reduced product development lead time for major exports projects

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

- Firstly, we thank ACMA for coming with such an initiative that gives self-assessment and our position Vis a Vis other companies
- The assessment journey was fruitful in terms of opening eyes on different ways of looking at improvements and identifying learning opportunities
- The feedback from auditors are very valuable with their micro observations
- Overall the process itself will figure out improvement actions through audit systems with experienced professional experts
- Finally, the award process has motivated us for identifying more improvement opportunities

Excellence in Digitalization (Silver)

Company / Plant name & Location

Minda Instruments Ltd.,(Formerly known as Minda Stoneridge Instrument Ltd) Tal-Khed, Distt.-Pune

Mr. Nitin Saxena, Chief Operating Officer — **Category : Large**

Company Information: Minda Instruments Limited, (Formerly known as Minda Stoneridge Instrument Ltd), a group company of the Spark Minda, Ashok Minda Group brought 49% stake of joint venture partner Stoneridge Inc., a leading manufacturer of Electronic instruments.

Our technical collaboration with Stoneridge continues or rather we have expanded our technical scope. However, after the stake buy, there is a flexibility for us to go in for newer collaboration to access technological products and offer a wider product to customers. Our plant is located at Chakan, Pune, giving us proximity to most of the automotive OEM's in India. Our plant has all the state of the art machinery, testing and support facilities required for making all types of instruments Clusters & various types of Automotive Sensors as per our Customer's requirement.

Satellite Plant is Operational at Chennai to cater the requirements of all the OEMs in Southern Region.

Following are our segment wise Valuable Customers :

Following are our some Products photograph :

2 Wheelers

- Mechanical and Electronic type
- Mechanical, Stepper motor /Cross coil meters and movements
- Segmented LCDs
- Lamps / LED illumination
- Analog, Digital, PWM and CAN Inputs
- Boot loader for re-flashing
- Protection for dust/water entry as per IP standards
- Meets JIS, BIS, ISO and Customer specific test

HCV / LCV, Passenger Cars

- Stepper motor/ Cross coil meters and movements
- Segmented, dot matrix and TFT Colour LCDs
- Lamps / LED illumination
- Analog, Digital, PWM, CAN, LIN & K line I/Os
- Self-contained or Real time Application (RTO) Software
- Meets EC, ISO, JIS and Customer specific test requirements
- Parameter Configurable, Boot loader for re-flashing
- OBD and UDS Diagnostics protocols
- Complete dashboard solutions with instruments, switches and clock
- Infotainment interface (USB, Wi-Fi, and Bluetooth etc.)

Company Strengths:

A leading designer and manufacturer of Electronics & Mechanical Clusters, modules and Sensors for all automotive segments.

Total 220,000 sq. ft. Main Facility at Chakan Pune with Satellite plants at Chennai (India), and Tashkent (Uzbekistan). Total Manpower strength of apprx.1000 & revenue Rs. 378 Crores FY-2019-20. Company has total Installed capacity to Manufacture 5 million units and 20% spare capacity available.

Company is IATF, ISO 14001, OHSAS 45001 Certified by Bureau Veritas certification body.

Serving markets in India, Europe, Uzbekistan, Russia and ASEAN countries

ACMA Awards category explanation: We won ACMA Awards 2021 trophy in Excellence in Digitalization as we have various initiatives on digital front which includes:

Cyber security Initiations:

Spark Minda Group has come up with formal Policy and Procedures for Cyber security which covers: Secure digital access to all Spark Minda Digital Assets, Secure physical assess to all Information technology assets, Official data protection, Personal Data Protection, Data backup and Retention, Internet Access Policy. Spark Minda has also defined monitoring framework for adherence of these policies across the group.

Shopfloor Automations:
Assembly processes with end to end traceability, station interlinking & process interlock
IOT: Digital display of process paraments for final cluster assembly though various IOT enabled devices along with process interlock and traceability
WSS display in digital format on every station

Office paperless Applications:
All time office, HR policies, trainings, employee performance processes are automated under HRMS application.
SAP ERP is used since 2016 for all manufacturing processes for accurate and live data which helping business to adapt everchanging technology landscape.

How ACMA Awards process is helping your company to improve further :
We have decided to participate in ACMA – Award for 'Digitization' to continuously improve in this area.

The Objective of this Award Participation is to increase the competency of the people in the company. We are pleased to witness that there has been drastically Culture Change in the Field of Digitization. These changes have been possible mainly by changing the mindset of our People across all level.
This Award has set a New Benchmark in Digitization Field till date.

Under the uncompromising Guidance and thorough counseling of ACMA Team and commitment of our promising team, we have achieved this Milestone

MINDARIKA

Company / Plant name & Location

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

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 leading manufacturer of Automotive Electrical 4W switches with SOB (Indian Market) – 52%. It's 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:

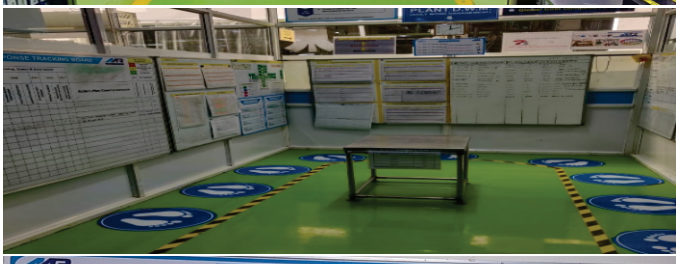
- Mindarika strength to produce high-tech & protocol communication type auto electrical switches
- All manufacturing shop are digitally mapped with live monitoring system & alerts
- Mindarika having SMT electronics facilities for lead & lead free solder with flow & reflow process
- Plant has latest technology support of 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.

ACMA Atmanirbhar Excellence Awards category explanation:
We won ACMA Atmanirbhar Excellence Awards 2021 trophy in Gold in Excellence in Digitalization as we have:

- Plant has complete project design with latest manufacturing technology.
- All new technology is used in software development also all manufacturing process 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

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

- ACMA is a great platform for learning & implementing best practices from different automotive industries. site assessment & Gemba visit done in detail at all respective sections by competent assessors. We are very thankful to be part of ACMA society for giving us opportunity to show our digital capability in such a big forum & hope same guidance / support in future.



Excellence in Localization
(Silver)

Company / Plant name & Location

Pranav Vikas India Pvt. Ltd., E-85, MIDC Ranjangaon, Pune

Mr. Srinivas Kasibhatla, Executive Director

Category : Large

Company Information: Manufacturers of Aluminum Heat Exchangers (Condensers, Evaporators, Radiators, Oil Coolers, Battery Cooling System etc.) and Aluminum Extruded Tubes for Automotive & Non-Automotive application; Supplying to all renowned OE Customers e.g. Maruti Suzuki, M&M, Tata Motors, Renault Nissan, Volvo, Bajaj, Royal Enfield, Hero, Yamaha, JBM, Ashok Leyland, FIAT, Atul Auto etc.

Company Strengths:

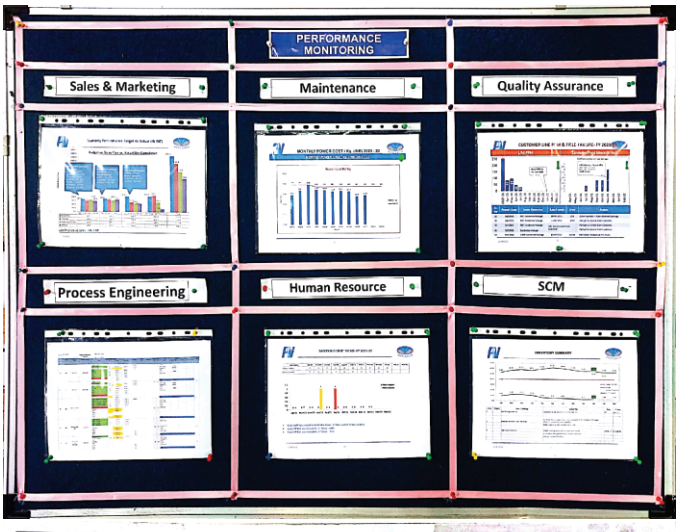
- Manufacturing excellence
- Strong Design & Development Capability
- Total Employee Engagement
- EVTMS Solution Provider (Electrical Vehicle Thermal Management System)

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy - Silver in "Localization" CATEGORY) as we have:

- State of Art Aluminum Precision Tube Extrusion Facility
- Localization of Aluminum Extruded Tubes e.g. Round Pipe & Multiport Tubes
- Strong Design & Development Capability
- High Customer Satisfaction

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

- ACMA award process has really helped us to take our company to the next level in terms of Localization excellence, building the new customer base & generating more revenue and will give our company a competitive edge & will enhance our brand royalty.



Pranav Vikas India Pvt. Ltd

COMPANY OBJECTIVES (FY 2021/22)

Sr.No	Agreed Result Areas	Measurement Criteria	Target
1	Inventory (days)	Days	≤ 58 days
2	Total Employee Engagement in 5S/SGA/Kaizen/Theme	%	70 % Min.
3	Customer complaints logged - Regular supply	Number (Plan vs Actual)	<= 12 / Per Ann.
4	Customer complaints logged - New development	Number (Plan vs Actual)	<= 10
5	Internal Rejection	%	<= 1.7
6	Supplier PPM-Regular	PPM	≤ 200
7	Supplier PPM-NPD	PPM	<= 10
8	Customer Warranty PPM	PPM	<= 200

Excellence in Human Resources

Excellence in Health, Safety & Sustainability

(Silver)

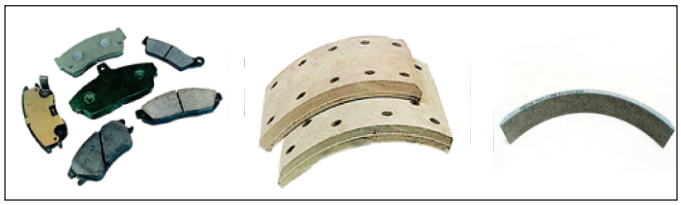
Rane
Expanding Horizons

Company / Plant name & Location

Rane Brake Lining Limited, Sethurapatti Village, Fathima Nagar Post, Tiruchirappalli. Pin 620012, TamilNadu

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 5th consecutive year
- Audited and approved by MSIL, TATA, Ashok Leyland, M&M, Suzuki, Honda, Volkswagen & Toyota Motor Corporation.

ACMA Atmanirbhar Excellence Awards category explanation:
We won ACMA Atmanirbhar Excellence Awards 2021 trophy in Silver in Excellence in Human Resources & Excellence in Health, Safety & Sustainability as we have:

Technology / Process strength / Unique features

- 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 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
- Implemented custom built online SPC software with auto data capturing system for critical process

New product development

- Rane brake lining is future ready with products meeting global regulation like Cu regulation, 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 for passenger cars.
- 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.

Culture / TEI (Total Employee Involvement):

- 'Gurukul' training system (unique custom built) with 15

- 7 Step training with in-house DOJO facility is available as part of OJT (on the job training) for 3 days – "Train the trainees by permanent employees"
- Morning exercise with Quality pledge, Safety pledge & energy booster 'Daily Oru Thirukural' (to impart value education)
- 100% Total employee involvement in suggestion & QC circle & CSR
- Encouraging employment of Person with Disablement (PWD) candidates in assigned activities – proper sign language training for co-workers for better communication.
- Engaged Employees which resulted in winning GPTW certificate for 5th Consecutive year
- Rane brake lining have won over 20+ customer and international awards & recognition at various forum.
- 50+ people practices are being followed to improve the employee morale. In which 29 practices are unique.

Safety :

- Separate Safety DOJO facility is available to impart the behavior based skill development for the new entrants. Continuous training and assessment being carried out through video based learning system
- Monthly safety meeting and weekly safety audit is being followed to identify the safety improvements/abnormalities. Dedicated team is allotted for points closure
- Daily communication on safety abnormalities, identification and closure status communicated to all categories of employees through morning market meeting
- Safety flash report shared across the company & group level to ensure current status and proactive measures
- Company level & Group level safety frame work is available to ensure implementation of Good practices across the group.
- Company level & Group level safety committee is available to ensure safe working environment through periodic audit & assessment

Sustainability :

- Using 70% 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 – 700+ 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

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

- Near Miss, Unsafe act, Unsafe conditions can be recorded using a online system, Which is currently recorded using an MS excel sheet
- PEST analysis for Accident investigation
- Static Energy Discharge provision for dust collector
- About Assessor - Highly experienced assessor with unique approach by guiding and knowledge sharing on best practices across the industries

Excellence in New Product Design & Development (Silver)

Company / Plant name & Location

Rane NSK Steering Systems Private Limited. Guduvancherry, Tamilnaddu, Chennaii

Mr. N. Kamamoto, MD RNSS | **Category : Very Large**

Company Information: Rane NSK Steering Systems Private Limited (RNSS): Rane NSK is the flagship company of Rane and NSK group companies, incorporated in 1997 as a Joint venture with equity of 49:51. RNSS spread across India with 4 manufacturing plants at Channai, Bawal, Pant Nagar and Ahmedabad. All the RNSS plants are certified for ISO-9001, IATF-16949, ISO-14001, ISO-45001 by TUV-Nord and ISO-27001 by TUV-Sud. RNSS manufactures all types of steering columns for both "On road" & "Off road" applications. The company won the coveted Deming Prize in 2018 for its TQM practices – 'Highest Award on Total Quality Management in the World".

RNSS plant at Bawal was established in 2008. It manufactures Column Electric Power Steering (Column EPS) and caters to Passenger Car and Multi Utility Vehicles. The plant is a preferred OE partner for major Customers - Maruti Suzuki India Limited, Honda Cars India Limited and Volkswagen India Private Limited.

Company Strengths:

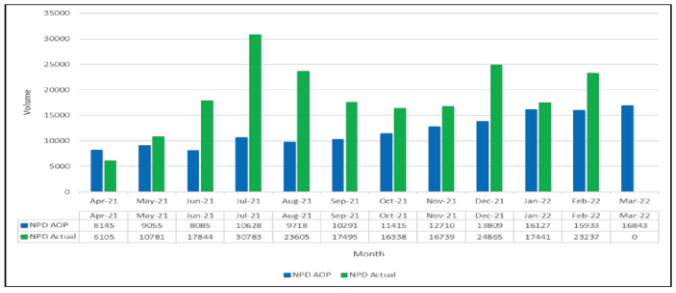
RNSS is a Customer focused organization with state of art manufacturing facilities. RNSS formulated its strategy to offer products and technology to a wide range of customers and introduced TQM for systematic implementation using Strategic 7 tools. RNSS learned and implemented Policy Management and TQM based on QC concepts through its Japanese Sensei's. As a part of its TQM journey, RNSS expanded its innovation boundary to customers, suppliers and research organizations with Innovative Framework. Enhanced Competence / Skill development of Employees. Defined Key Performance Indicators (KPIs) with Metrics and Review system. Enhanced Employee Morale and Participation in Corporate Social Responsibilities Initiatives. Customer Focus, Total Employee Involvement and Continuous Improvement are key focus area for RNSS and TQM has become the way of life for the Company.

ACMA Excellence Awards category explanation:

The New Product Design & Development (NPDD) is key focus areas for RNSS and along with Quality and Compliance is the foundation of our Business Practices. In order to sustain the NPDD practices, Initiatives to improve NPDD are formulated during the SBP process and based on learnings from Group companies and incorporated as a part of the Annual Operating Plan. Manufacturing facilities are designed with Poka-yokes incorporating Safety measures and to ensure defect free production.

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

- The audit process was well organized and technology was leveraged to overcome constraints due to the Pandemic environment. Interactions with the auditors and inputs given by the Auditors has helped to level up the knowledge of RNSS employees. Recognition by ACMA is a great boost to RNSS and is cherished by our employees.



Excellence in Export (Silver)

ROOP

Company / Plant name & Location

Roop Automotive Ltd., Plot Number 439, Sector 8, MT Manesar, Gurgaon, Haryana

Mr. Mohit Oswal, MD | **Category : Large**

Company Information: We supply to all major Tier I companies and OEM in Steering System across domestic and international market. From an initial production of 60,000 yokes in 1992-93, Roop has a capacity to manufacture more than 40 Million yokes now.

We provide world-class quality products out of India, which ensures that we continue to "MAKE IN INDIA". We also provide local support to all our international customers hence giving the feel of "LOCAL PURCHASE" coupled with "LOW-COST MANUFACTURING" providing a win-win situation for the customer.

Our USP is that we are a focused producer of a safety critical part in high volumes with local presence at all customers.

We are approved tier II suppliers by major car and truck manufacturers in North America and Europe. We have the ability to deliver and service on a global platform making us an ideal choice for tier I customers in major global automotive hubs.

Key Products : Steering Yoke, Steering U Joint, Shaft assemblies, Steering column and Gear shafts

Key Customers :
1. ZF
2. Global Steering Systems
3. FASE

Company Strengths:

- Most Preferred Supplier with all customers
- Local Representatives and Warehouses in US and Europe
- 100 % Delivery & Quality Rating
- Single Piece Flow, VSM
- 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.
- Best Employee Engagement activities

ACMA Excellence Awards category explanation: We won ACMA Excellence Awards 2021 trophy in Export as we have:

- Excellent Growth in Exports
- Zero PPM with Customers
- Award Winning Kaizens
- 3 star rated Export House and AEO-T2 Certified
- No warranty claims

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

- The process of evaluation was very detailed, and Jury was also interacted 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.

ROOP
ROOP

Excellence in Human Resources (Gold)

Excellence in Manufacturing (Bronze)

ROOP

Company / Plant name & Location

Roop Automotives Ltd. 19, Roz Ka Meo Industrial Area, Sohna, Gurugram – (HR)

Mr. Mohit Oswal, MD | Mr. Gaurav Jain, Director **Category : Large**

Company Information: We supply to all major Tier I companies and OEM in Steering System across domestic and international market. From an initial production of 60,000 yokes in 1992-93, Roop has a capacity to manufacture more than 40 Million yokes now. We provide world-class quality products out of India, which ensures that we continue to "MAKE IN INDIA". We also provide local support to all our international customers hence giving the feel of "LOCAL PURCHASE" coupled with "LOW-COST MANUFACTURING" providing a win-win situation for the customer. Our USP is that we are a focused producer of a safety critical part in high volumes with local presence at all customers. We are approved tier II suppliers by major car and truck manufacturers in North America and Europe. We have the ability to deliver and service on a global platform making us an ideal choice for tier I customers in major global automotive hubs.

Key Products : Steering Yoke, Steering U Joint, Shaft assemblies, Steering column and Gear shafts.

Key Customers :
1. JTEKT India Ltd.
2. Global Steering Systems
3. THK Rhythm Automotive Michigan Corp

Company Strengths:

- Most Preferred Supplier with all customers
- Local Representatives and Warehouses in US and Europe
- 100 % Delivery & Quality Rating
- Single Piece Flow, VSM
- 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.
- Best Employee Engagement activities
- Foot print across the globe to have Leadership Position in Yoke Manufacturing- Yoke Synonym with ROOP
- Evolution of company from Yoke Machining to UJ assembly to Slip Shaft Assembly with Testing capabilities.

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in (Gold in Human Resources, Bronze in Manufacturing CATEGORY) as we have:

- Very detailed and transparent Performance Management System, to assess the performance and give feedback to employees biannually.
- Ensuring the Work Life Balance for all by introducing best practices like "Flexible Working Hours", "Alternate Saturday OFF" for white collar employees being Tier II Auto Component Manufacturer.
- Structured Learning & development environment to ensure the competence upgradation of employees across level. Implementation of DOJO for Skilling & Re-Skilling of Team members to enhance productivity.
- All employee Idea and Kaizen Scheme – every employee in the organisation has to give certain minimum numbers of Ideas on PQCDSM and must have direct relevance to his/her work profile, Minimum 50% of all Ideas to be converted into Kaizen in the running f.y. the Idea & Kaizen Committee does evaluate all the implemented Ideas/ Kaizen quarterly and categorized.
- Diversified workforce – All gender employees hails from 19 states of the country.
- Give back to Society, by providing Education, caring of Environment and Women empowerment initiative through ROOP CSR wing.
- Reduction in NVA Activities by monitoring rework, rejection & Muda. Straight Pass Ratio are being monitored on individual lines
- Focus Group identified for Rejection Control, Supplier Development, Localization of BOP, OEE, PPLH, Rejection PPM, Rework PPM, Customer satisfaction report, Customer Rating Review of Cutting Tools item code to reduce the dead inventory.
- Prevention & Detection type poke yoke implemented on critical operation.
- SPC Calculation on critical operation
- On critical and safety parameters, operator wear RED Cap with marks "C" "S". All critical processes & those which directly affect fit & function of part, mechanical or sensor interlocks are provided for occurrence & detection controls.

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

- The process of evaluation was very detailed, and Jury was also interacted 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.

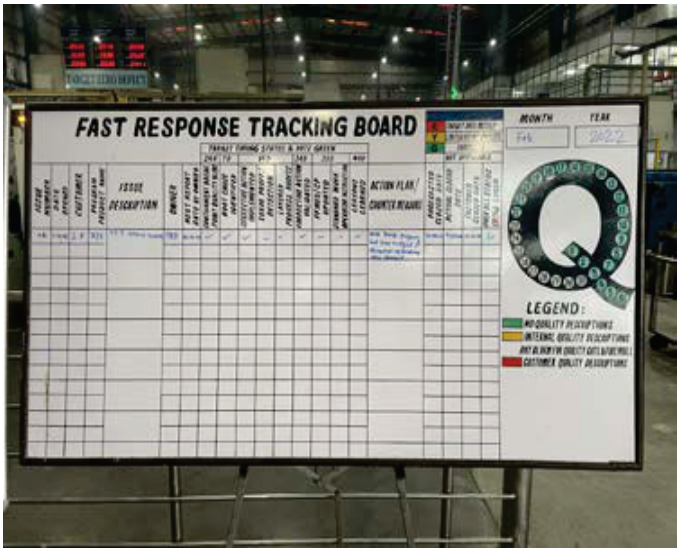
Line Lay Outing

Identification of Critical opn. & Poke Yoke

Similar part matrix

PPE matrix

Plant Performance Board



Excellence In Localisation (silver)

Company / Plant name & Location

Roop Koepp Foam Technologies Pvt. Limited, Sohna, Haryana

Mr. Anil Jain, MD | Mr. Hitesh Jain, JMD **Category : Small**

Company Information: Roop Koepp Foam Technology is a 50:50 Indo-German Joint Venture between Roop Polymers Ltd. of India and Wilhelm Koepp Zellkautschuk Gmbh of Germany. Roop Koepp today is most trusted Manufacturer of Open and Closed Cell Rubber Bun Foams in India for the Indian market. We operate through a manufacturing facility which is located in Sohna, Haryana. Our Foam materials are used by our customers to produce Sealers, Dampers, Spacers, Lids, Pads, and Gaskets etc. Our product application varies from Automotive to Non-Automotive industries like White Goods, Medical Equipment, and Sports Equipment. We are currently serving 25+ highly satisfied customers in India.

Company Strengths:

- GERMAN QUALITY RUBBER FOAM MANUFACTURED 100% LOCALLY
- STRONG TECHNICAL TEAM TO ADDRESS THE MOST INTRICATE

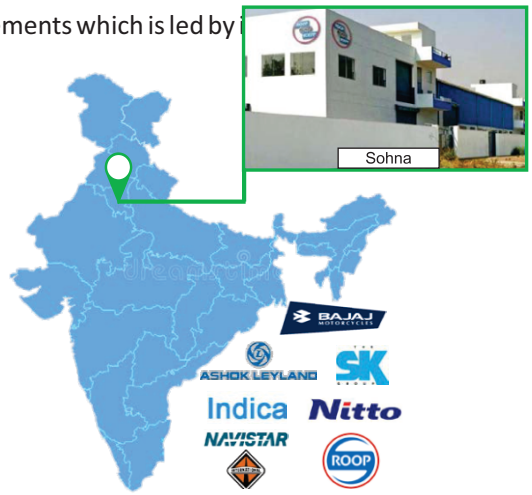
CUSTOMER NEEDS

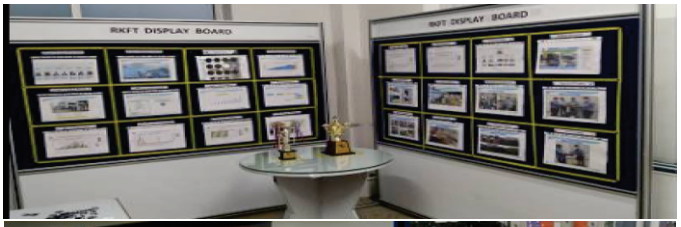
- ONE STOP SOLUTION FOR OPEN AND CLOSED CELL EPDM FOAMS
- SHORT LEAD TIME SUPPLIES TO CUSTOMERS
- RICH EXPERIENCE IN RUBBER OF BOTH PARTNERS
- EMPLOYEE CENTRIC BUSINESS PROCESSES
- QCDDM APPROACH (QUALITY, COST, DELIVERY, DEVELOPMENT & MANAGEMENT)

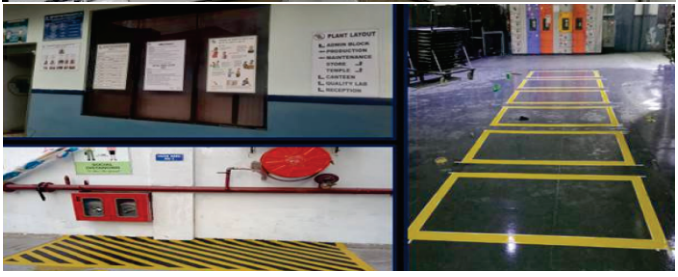
We won SILVER trophy in “Excellence in Localization” as we have:

- FOCUS ON PROVIDING COST COMPETITIVE SOLUTIONS
- DISCIPLINE IN MANUFACTURING PRACTICES – LEAN CULTURE
- BENCHMARKING THE PRACTICES OF PARTNER COMPANY
- STRONG & PASSIONATE LEADERSHIP TEAM
- SKILLED & COMPETENT MANPOWER

KPI Display BoardsACMA Atmanirbhar Excellence Awards provides a platform for performance evaluation & improvements which is led by







Excellence In Manufacturing (Gold)
Plant-4, Pantnagar

Roop Polymers Ltd.

Company / Plant name & Location

Roop Polymers Limited, Plant-4, Pantnagar, Uttarakhand & Plant-5, Pune, Maharashtra

Excellence in New Product Design & Development (BRONZE)
Plant-5, Pune

Mr. Anil Jain, MD | Mr. Hitesh Jain, JMD

Category : Large

Company Information: With close to 50 years of rich experience in the Automotive & non-automotive industry, Roop Polymers today is most trusted manufacturer of Molded and Extruded Rubber & Plastic components for OEM's around the globe. It operates through 8 state of the art manufacturing facilities which are strategically located near the OEMs' customer base in Gurugram, Sohna, Manesar, Pantnagar, Pune and Chennai. Apart from this, it also has 2 Joint Venture plants, 1 Technical Collaboration and counts more than 4000 employees & over 350 satisfied customers

Company Strengths:

- ONE STOP SOLUTION FOR RUBBER AND PLASTIC PRODUCTS
- DIVERSE PRODUCTS & MARKETS
- RICH EXPERIENCE AND STATE OF THE ART INFRASTRUCTURE
- STRONG R&D WITH CUSTOMER CENTRIC APPROACH
- EMPLOYEE CENTRIC BUSINESS PROCESS

We won GOLD & BRONZE trophies in “Excellence in Manufacturing & NPDD”
as we have:

- FOCUS ON NEW TECHNOLOGY ADOPTION
- DISCIPLINE IN MANUFACTURING PRACTICES – LEAN CULTURE
- BENCHMARKING PRACTICE ACROSS ALL PLANTSComplete range of In-house Testing facilities
- SKILLED & COMPETENT MANPOWER

ACMA Atmanirbhar Excellence Awards provides a platform for performance evaluation & improvements which is led by industry experts.

7th ACMA Technology Summit
Atmanirbhar Excellence Awards 2021

Excellence in New Product Design and Development

Excellence in Exports (Gold)

Excellence In Localisation (Silver)

Excellence in Health, Safety and Sustainability (Certificate)

SEG AUTOMOTIVE

Company / Plant name & Location

SEG Automotive India Private Limited Naganathapura Plant, Bengaluru

Mr. Anil Kumar M. R., President & MD

Category : Very Large

Company Information: SEG Automotive (erst while a division of Bosch) is a company with a good standing in the automobile components sector for more than 100 years delivering high-performance, durable and competitive products with uniform quality standards to all OEM's worldwide. This global strength has its foundation through a cross-cultural team of over 7,000 employees in 14 countries in the world's most important automotive markets.

SEG Automotive India also has a very strong history in the automobile component industry and has built its own identity after carving out from Bosch in January 2018. In India, the company started its operations in 1989, and since then the company has launched a series of new competitive products, upgrading the automotive electrical components landscape and supporting global / local manufacturers in meeting stringent legislations / benchmark targets.

With its Innovative approach, new product development, application engineering and operational excellence, SEG continuously strive to meet their customers' requirements.

SEG Through its innovative products and solutions contributes to environment by significantly reducing CO_2 emissions from passenger cars and commercial vehicles across all powertrain technologies in India and globally.

Company Strengths:

- Customer Centric Culture
- Trust, Transparency and Teamwork
- Passion for Innovation
- Global Presence
- Entrepreneurial mindset
- Innovative business models

ACMA Excellence Awards category explanation: SEG India has participated in 5 categories in ACMA Excellence Awards 2021 and have been awarded "Gold Medal" in "Excellence in Exports" and "Excellence in New Product Design and Development" categories., Silver in "Excellence in Localization" and Certificate in "HSS". SEG India has won this recognition due to,

- SEG India as a net exporter
- SEG India products recognized across the globe
- Strong orientation and practice of Customer Centric Culture
- Robust launch management and time to market of new product applications
- Innovative solutions adapted to Indian customer/market requirements
- Transformation driven through Trust, Transparency and Teamwork
- Leadership at all levels

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

- Well-structured and time tested process covering various categories
- Valuable inputs from the assessors, who have vast and varied experience
- Re-assessment of in-house processes through assessors lens
- Recognition for SEG as an independent entity
- Motivation to various teams and functions to showcase their strengths and achievements.

The preparations helped our teams to have a very good pit stop experience, thereby helping us to plan and navigate in our journey of excellence.

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Atmanirbhar Excellence Awards 2021

Excellence in New Product Design & Development (Gold)

Excellence in Human Resources (Silver)

Company / Plant name & Location

Sellowrap Industries Pvt. Ltd., Plot No S-30 & 31 Phase-III, Sipcot Industrial complex, Ranipet, Tamil Nadu-632405 India

Mr. Saurabh Poddar, MD | **Category : Medium**

Company Information: Sellowrap Group of Industries, with the presence of more than three decades having state-of-the-art manufacturing facilities in Delhi NCR, Ranipet & Pune, has created a benchmark by itself. Sellowrap is in the manufacturing of cellular foam products, blow films and moulded plastic components for Auto as well as non-Auto industries and its expertise lies in creating premium die-cut processed components with and without self-adhesives. As one of the leading foam fabricators in India, we have access to variety of advanced foams from leading suppliers across the globe. Our knowledge of these materials combined with our design capabilities; we offer customized solutions to our valued customers. Believing in constant innovation and research, makes Sellowrap only better and class apart.

Our Customers are RENAULT NISSAN, ISUZU, MAHINDRA ELECTRIC, HMI, KIA MOTORS, VOLKSWAGEN, PSA & MARUTI etc.

Company Strengths:

- Human Resources Policy & Deployment
- Manufacturing Process
- Best Shop Floor Practices
- Design Center

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in EXCELLENCE CATEGORY

Gold- New Product Design & Development
Silver- Human Resources (HR)

As we have:

- Leadership Capability
- Technically Competent Workforce
- Efficient Delivering HR Services
- Having Right People at the Right Place
- Workforce Discipline

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

- ACMA Awards overall process: This is wonderfully crafted. The way Industry has adopted new working norm post Covid-19 that was beyond imagination. Improvisation in Manufacturing Industry has been remarkable and salute to whole fraternity.

Site assessment: It was thorough and detailed. It was like the respected Assessor was is doing live.

Participating at this Esteemed platform gives us insight on:

- Self Evaluation & Assessment of Policies, Procedures & Execution of defined Processes
- Gap Analysis by Industry Experts during Assessment
- Benchmarking with others in Industry
- Continuous Improvement & Culture Building
- Motivation for Employees

Excellence in Digitalization

Excellence in Export

(Gold)

Company / Plant name & Location

SEP India Pvt. Ltd., Hosur

Mr. Mohan, MD | Mr. Ganesh, Joint MD **Category : Small**

Company Information: SEP makes precision machined metal components for Automotive, Medical, Sporting goods, Fluid Delivery, and Metering systems. Established in 1991, SEP now has 200 employees in IATF 16949 & ISO 9001 certified facilities of ~46,000 sf with ~100 machines.

Company Strengths: Over 30+ years, SEP has earned a reputation for cost, quality, reliable and timely delivery. Our focus on customer satisfaction has established long standing, internationally discerning customers such as Lucas TVS, TTK Healthcare, Hitachi Koki, Wendt India (sub-supplier for Bosch), Gilbarco, SFL, SFO, Grace Engineering USA etc.

Two GOLD ACMA Awards won: (Digitalization & Export) owing to opportunistic investments:

- Bold approach during the difficult Covid era
- Strong Digital / Technology training and implementation
- EXEMPLARY investments in people - to care for our employees and keep them safe
- DAILY lockdown check-in phone call for every single employee within information going daily to JMD
- Financial, logistical, medical, nutritional and emotional assistance through both waves
- Employees came back to work, with almost no attrition / loss of skills
- Investment in machines and continued construction / expansion during an uncertain era
- Leading to → ability to take & fulfill new and increased orders from foreign customers.

Excellence in Exports
(Silver)

Company / Plant name & Location

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

Mr. Kishore Keswani, MD | **Category : Small**

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 already certified for ISO/TS16949:2009, ISO14001, ISO45001, ISO9901, REACH and ROHS.

Company Strengths:

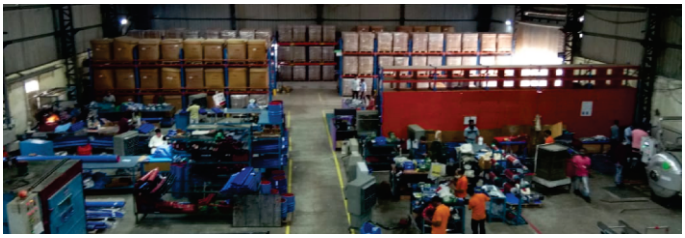
- Low-cost base for labour-intensive products
- Not dependant on any one sector or geography. We supply to 20 different countries for Construction Equipment, Agri-equipment, Mining Equipment, Trucks, Buses, Marine Equipment, Stationary Engines, Railways, etc
- Very strong in making complex hoses with spouts/meta-parts/etc.

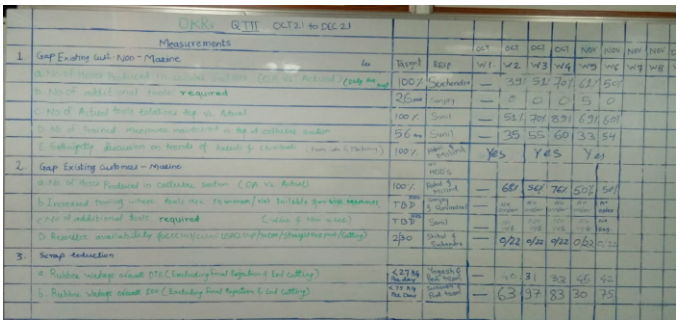
ACMA Atmanirbhar Excellence Awards category explanation:

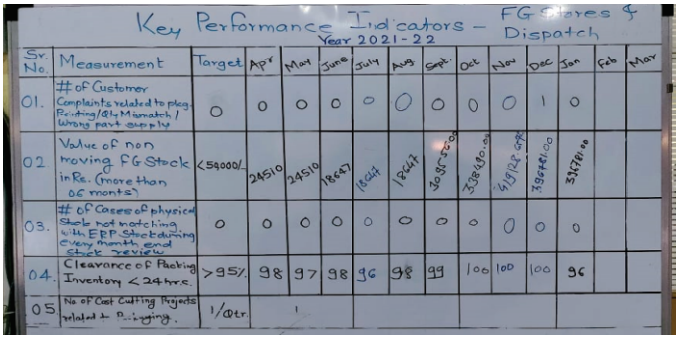
- A very good network of distributors worldwide, who can serve the local OEM and Aftermarket just-in-time
- Very good customer retention/loyalty over the years with our top customer
- Excellent growth in Exports' revenues

How ACMA Awards process 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.







SHRIRAM®

Company / Plant name & Location

Shriram Pistons And Rings Limited, Ghaziabad

Corporate Level - Excellence in Exports (Bronze)

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 most reputed Industrial houses. Driven by advance technology, The Company has the capability to provide end-to-end solutions which includes Design, Develop, Validate and Manufacture products for it's customers at its 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 in Advanced Engineering and manufacturing processes.

The Company is the largest manufacturer of Pistons, Pins, Rings and Engine Valves in India with two Manufacturing units in Ghaziabad, Uttar Pradesh, Pathredi (Rajasthan), employing over 5000 motivated and multi-skilled employees. . Its products are marketed to almost all OEMs and Aftermarkets under the brands SPR and USHA, names that are synonymous with Quality and Reliability globally.

Export is at the core of SPR's business strategy. Development and manufacture 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, SPR 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 "Trading House" status from the Government of India.

Company Strengths:

- Collaborations with Global Leaders for Products and Production Technology—KolbenSchmidt, Riken Corporation, Fuji Oozx and Honda Foundry.
- State of the Art 'Tech Centre'— providing end to end solutions to customers in collaboration with Kolben Schmidt (Germany) and Riken (Japan)
- Manufacturing 4 different engine components at one location unique in the world
- Wide variety of Unique features and Technology
- Different products manufactured with Cast Iron, Steel and Aluminum
- Variety of material treatment processes: Solutionizing, Ageing, Hardening, Tempering etc.
- Variety of Surface treatment technology Chrome Plating, Gas/Liquid Nitriding, Composite Coatings of Ceramics with Chrome, Hard Anodizing, Plasma Coating, Physical Vapour deposition, Screen Printing, Phosphating,
- Strong Manufacturing Process and Practices
- Robotized and Automated Production
- SPMs (Special Purpose Machines) for production
- End to end traceability
- 110T4.0 enabled shop-floor
- Environmentally Conscious Entity-100% Compliance with all environmental regulations
- People-Oriented
- Fair and transparent management with Mutual Trust

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy **(Bronze in EXPORT EXCELLENCE CATEGORY)** as we have:

- High morale indicated by one of the industry's lowest attrition rate
- Strong professional and personal bond with employees- Touching the lives of people
- Focus on Safety — awarded with British Sword of Honour for safety practices
- Oriented towards a continuous improvement - Awarded with TPM, ISO etc.
- Regular customer rewards and recognition on quality, delivery and support
- How ACMA Awards process is helping your company to improve further:
- Preparation for ACMA Assessment gave the organization an insight into systems and process - triggering improvement projects by highlighting opportunities

- Winning of such a prestigious award boosted the morale of the team —encouraging people to challenge themselves further and embark on a journey for continuous improvements.
- The advice during the assessment is helping us in the spiral up.

How ACMA Awards process 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. Few other areas where we feel value for SPRL are;

- The process helped us in gap analysis for Export business.
- Focus on identifying how customer service orientation can be more effective by involving cross functional teams i.e. Marketing, R&D, Manufacturing, Logistics etc.
- Site assessment and Auditor's feedback helped us understand our strength v/s competition.

SHRIRAM

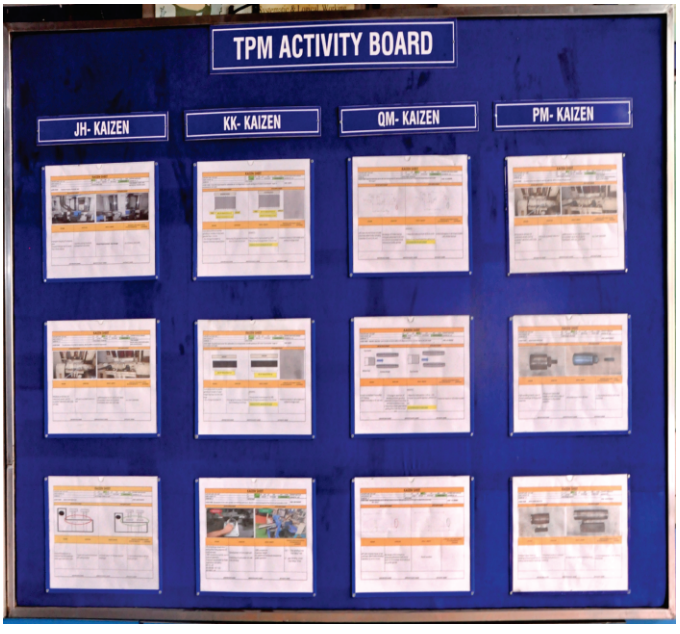
HIGH 5+1 CI RING PLANT-GHAZIABAD

USHA
PISTONS PINS RINGS
ENGINE VALVES

MATRICES		UOM	2019-20	2020-21	TARGET 21-22	MONTH Jan. 22	YTD 21-22
SAFETY	First Aid case	Nos	1	1	0	0	0
	Accident Case	Nos	0	0	0	0	0
QUALITY	Cost of Quality	%	17.2	14.6	11.7	10.3	12.9
	Customer Complaint	Nos	14	8	0	1	7
OTIF (On Time in Full)	Adherence	%	-	-	> 95	69.9	55
FLEX PRODUCTIVITY	Manpower Cost	%	23.0	23.5	21.2	19.5	19.4
	Production Value/ Man	L/R/M	1.6	1.6	1.8	2.2	2.1
COST	Cost Reduction	L/R	307	370	202	172	749

TDC- Every 5th of the Month

UPDATING RESP.– AMIT SAINI



Excellence in Manufacturing

Excellence in Health, Safety & Sustainability

(Gold)

SKH | MARELLI

Company / Plant name & Location

SKH Marelli Exhaust Systems Pvt Ltd., Manesar

Mr. Sarabjeet Singh, CEO **Category : Medium**

Company Information: SKH Marelli (SKH M) is 50:50 JV of SKH and Marelli Italy and manufactures Exhaust Systems for PV and HCVs, complaint to BS6 norms. With strong R&D and advanced manufacturing processes, it's one of the preferred suppliers in India for Exhausts. Established in 2008 with a single unit has 3 plants Pan India [Manesar, Pune and Chennai] as part a philosophy to be near to customers

Our Products Include Catalytic Convertor Assemblies (Hot End) , Muffler Assemblies (Cold End)

Our major customers are Maruti Suzuki , Tata Motors , Renault Nissan , FCA , Daimler ,Ashok Leyland , MG Motors & CNH.

Company Strengths:

- Company has derived improvements over the years through WCM and MPS and has yielded breakthrough and incremental improvements in all the Business Processes.
- SKH M has very robust design and development process and coupled with state of art latest technology to meet the environmental norms and the shop is floor equipped with Robotic Weld lines for accuracy and consistency.
- We have structured Failure mode effective analysis process and then as an out output all the critical processes are made robust by implementing prevention or detection type of Poka Yoke. We have a unique way of visualization of the Poka-yoke and concept of Poka Yoke Tree is adopted.
- A very matured training and skill development module has helped improve upon, Safety, Productivity and Quality matrix. In addition to theoretical DOJO we also have Practical Dojo Centre where in the new associates learn machine operations, safety and quality aspects before deployment on shopfloor.
- HR Corner is a unique concept at shop floor for improving employee engagement, it has a Self-Service Kiosk where in Employees can access Company Portal for Leave Management, Check Policies, apply for travel requests, submit training feedback etc.
- Strong communication connects with each employee of the company through messages, videos and other channels including Open Forums and Town Hall, Skip level and 1-21-meetings
- Well defined policy to award and recognise the efforts of the employees: Star Performers Recognition Board covering associate of the Day/Month/Year basis at the shop is a motivation.
- Hall of Fame covers all important milestones company has covered though employee involvement.
- Safety is paramount and to further accelerate the culture, apart from regular concepts of mock drills and trainings, we have uniqueness in creating awareness, A Safety temple concept, PPE Matrix visualizations at the shop and awareness sessions by in house experts

ACMA Excellence Awards category explanation: We won ACMA Excellence Awards 2021 trophy in (Excellence in manufacturing, HSS) as

- We have a very Clear, Vision, Mission, Strategy in place along with initiatives to achieve the business process targets with focus on collaborative approach though total employee involvement. There is continuous PDCA cycle rotation- Robust review mechanism which resulted in planned improvements across departments and processes

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

- ACMA awards has a very systematic evaluation process which gives us insights to where we stand against the industry benchmarks, it actually acts as catalyst in the Improvement journey. The learnings while assessment by the industry experts goes long way in striving for excellence in business processes.

Excellence in Export (Silver)

Excellence in Human Resources (Bronze)

SKYWAY FORGE

Company / Plant name & Location

Skyway Forge / G.T Road, V.P.O Jugiana Ludhiana-141017 (Punjab) India.

Mr. Hanish Gupta, MD **Category : Small**

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, EMS 14001:2015 certified. Skyway Forge has state of art manufacturing facilities with latest machinery & testing equipment.

Company Products:

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

Customers:-

- Highway Industries Limited.
- MITA India Limited.
- Talbros Automotive Components Limited.
- Modern Automotive
- New Allen berry Works

Company Strengths:

- Customer satisfaction value for money.
- IATF 16949-2016 & ISO 9001:2015, EMS 14001:2015 Certified Company.
- Team Work with very high Employee morale.
- Up to date in Technology in terms of machineries & process.
- Involvement activities at workers levels.
- Motivation of Employees by Giving reward Best employee of the month/year.
- ERP System introduced for Time saving & easy to track and control inventory stock.
- On time monitoring system in all processes.

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in (Silver in export excellence & Bronze in HR EXCELLENCE CATEGORY) as we have:

- Excellent in exporting facilities
- Excellent manufacturing facilities
- Competent staffs & skilled manpower
- FIFO followed
- Documentation followed as per IATF Standards
- Always maintaining customer delight through consistent quality & delivery of parts.
- Innovations in manufacturing processes

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

- A good initiative by ACMA. Interaction & inputs from auditors are valuable
- Complete ACMA awards needs improvement by sharing the reports with individual company (after awards are announced so that companies can know the gaps & can further prepare self for next audit.

Excellence in Manufacturing
Excellence in HR
(Gold)

Excellence in Exports
Excellence in NPD
Excellence in HSS
(Bronze)

Excellence in Digitalization
(Certificate)

Company / Plant name & Location

SOGEFI ADM Suspensions Pvt. Ltd., Chakan, Pune

Mr. Aman Mehtani, MD | Mr. Rajesh Gupta, CEO **Category : Small**

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.
Customers: Daimler, DAF, Leyland Trucks (UK), Renault, Fiat, TATA, Mahindra,, Ashok Leyland & Bajaj.

Company Strengths:
Manufacturing process.
- Forging
- Hot Bending
- Cold Bending
- Tubular Bending

Special Processes:
- Shot Peening & Powder coating
- Heat treatment
- Conduction heating

Best Practices:
- Culture of Continuous Improvement.
- Dedicated team & expertise in design, development & prototype of antiroll bar.
- Safety first.

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

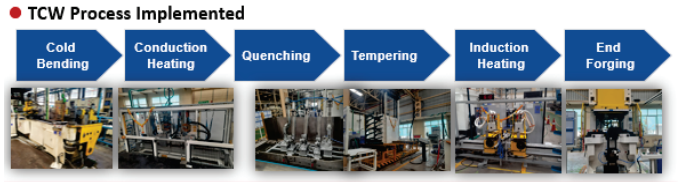
Technology:
- Manufacturing of stabilizer bars by Hot Bending
- Manufacturing of stabilizer bars by Cold Bending
- Manufacturing of Tubular bars by conduction heating and cold bending
- Heat treatment

Employee Morale: Employee engagement activity, Quality Circle, kaizens awards, Townhall – Monthly basis.

ACMA Excellence Awards category explanation: We won ACMA Excellence Awards 2021 trophy in 6 categories as we have:

- Confidence and strengths in our people and business processes
- Continuous improvement and world class processes in manufacturing.
- Capex for implementing new technology
- New product development in line with Global Sogefi Standards.

How ACMA Awards process 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.



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Excellence in Digitalization
Excellence in HSS
(Gold)

Excellence in Manufacturing
(Silver)

Excellence in HR
(Bronze)

Company / Plant name & Location

STERLING TOOLS LIMITED, Vemagal Industrial Area, Harjenahalli Village, Kolar Taluk & District - 563102

Mr. Anil Aggarwal, MD **Category : Large**

Company Information: Cold forged hi-tensile fasteners. Manufacturing of Bolt, and Screw supplying to all major auto OEMs – HMSI/AL

Company Strengths:

- Industry 4.0
- Excellent facility with Automation
- Poka yoke System
- Best 5'S' & Safety system

ACMA Atmanirbhar Excellence Awards category explanation:
We won ACMA Atmanirbhar Excellence Awards 2021 trophy in (Gold in Digitization & HSS, Silver in Manufacturing, Bronze in HR) as we have:
IOT tools, Clean & green environment, Talent management practices, Skill Development practices.

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

- Focusing on World class best practices
- Learning and sharing of Best practices in Manufacturing engineering, HR, HSE, Digitization.

Subros

Company / Plant name & Location

Subros Limited / Subros Technical Centre / C-51, Noida

Excellence in New Product Design & Development (Certificate)

Ms. Shradha Suri Marwah, Chairperson & MD

Category : Very Large

Company Information: Subros Limited, founded in 1985 as a joint venture public limited company with 36.79% ownership by Suri family of India and 20% ownership by Denso Corporation, Japan & 11.96% ownership by Suzuki Motor Corporation, Japan, is the leading manufacturer of thermal products for automotive applications in India, in technical collaboration with Denso. 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 thermal 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 1.5 Million AC Kits per annum beside a well equipped R&D Center and Tool Room at Noida.

Subros Key customers for automotive sector are Maruti Suzuki, Suzuki, Mahindra, Tata Motors, Force Motors, Denso, Renault Nissan, VECV, Daimler, SML ISUZU, and Ashok Leyland; for Railways Medha, Indian Railway, and Bombardier; For tooling Denso, Talbros, Global Autotech, and Johnson Controls Hitachi, For residential air conditioners Voltas, Havells and Haier.

Company Strengths:

- Backward integrated to enable built-in quality with best in class speed of product delivery
- In-house Technical centre supported with World class Vehicle & System Level Test Facilities for Design & Development
- Early stage control based New Product Development process consisting of QA and Design gates in place
- Continuous focus on community development, skilling up human resources and Environment protection through range of CSR activities for each categories

ACMA Atmanirbhar Excellence Awards category explanation:

We won ACMA Atmanirbhar Excellence Awards 2021 (Certificate award "Excellence in New Product Design and Development"- Very Large Category) as we have:

- Innovation driven in-house technical centre, located at Noida
- Integrated design and testing facilities
- Knowledge management system and technical experts
- Excellent manufacturing facilities
- Comprehensive system, processes and peoples to deliver operational excellence

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

- We found ACMA award process for Excellence in New Product Design and Development very useful to validate our best practices and to seek opportunities for improvements. Assessment covered complete aspects of New product design and development. Participation helped us to get the insights of our strengths and improvements areas, and going forward this will further assist us to design and develop world class products.

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Excellence in Human Resources
Excellence in Localization
Excellence in Health, Safety & Sustainability
(Gold)

Excellence in Digitalization
(Silver)

Excellence in Manufacturing
(Bronze)

Subros

Company / Plant name & Location

Subros Ltd., Manesar, Gurugram, Haryana

Ms. Shradha Suri Marwah, Chairperson & MD

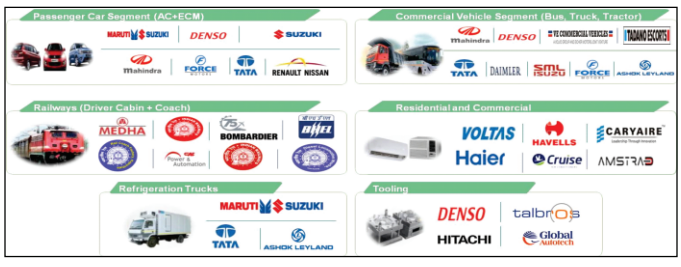
Category : Very Large

Company Information: Subros Limited, founded in 1985 as a joint venture public limited company with around 37% ownership by Promoters and 20% ownership by Denso Corporation & 12% Suzuki Motor Corporation each rest with public, is the leading manufacturer of thermal products for automotive applications in India, in technical collaboration with Denso. 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 for manufacturing of 2.0 Mn AC Kit. Subros continues to maintain its Market Leadership in Automotive Air Conditioning domain since its inception.

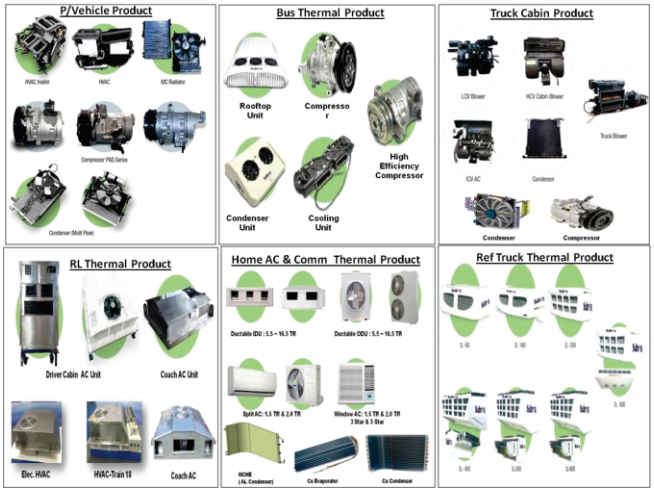
We Follow some of the world class manufacturing practices like ESC – MSSe (QA Network, TL Round) ,Best Practices of TQM and TPM, Balanced Score Card approach for deployment of Annual Operating Plan (AOP) and an extensive training module for blue collars through our DOJO Skill Centre.

Manesar Plant (Outside View) :

Key Customers :



Product Range :



Company Strengths:

- **Capability :** All Backward Integration w.r.t. Design, Simulation, Validation, Testing, Reverse Engineering, In house Tool Manufacturing, Manufacturing of Major Parts and Testing & Validation
- **Unique Initiatives :** MSSe, QA Network, TL Round Activity, PM, QFD, DOJO, ESC (Early Stage Control), Monozukuri, BBS
- **Unique Feature :** Best Safety Infrastructure / Layout Design with a Concept of Safe, Silent, Shining, Sea Through and Slim Production System (5S)
- **Technology :** Product and Process Technology is very latest one for Auto Air conditioning and Thermal Product to meet ELV Concept and Complying SOC Guidelines
- Employee Engagement is continuous ongoing process with high level of participation in SGA – Inside and outside company as well. Exhaustive and Regular training opportunity to enhance the capability of all team members as per their individual Competency Mapping
- Operating Systems : Safety, Quality, Speed and Cost. Waste Elimination in 5M
- Highly self motivated employee to keep their Morale High
- 5S and Plant Keep is best in Class

- Digitalization (aligned with I4.0) in Documentation to have paperless work and data security w.r.t. Process, Technology, HR, Manufacturing and for all innovations done
- Customer delight is the key for the Plant in addition to Business/ Employee/ Social/ Nation Delight as a consistency milestones
- ERM with Sustainability – Subros has well established and practiced Enterprise Risk Management Process and Subros is the 1st Company in Auto Sector to Receive ISO:31000:2018 certification

ACMA Awards category explanation: We won ACMA Awards 2018 trophy in (above five categories) as we have our major strength in following domains :

- Clear cut direction w.r.t. Vision, Mission and Policy Deployment Strategy
- Execution of all Best Practices with continual improvement
- Y-O-Y Improvement for last ten years in all indicators
- Team Highly Technocrat – Professor / Designers
- Concurrent Engineering for reduction of Lead Time for New products. Use of ESC (Early Stage Control) resulting into increase of FTR %age
- SOB increase for HVAC due to New Technology. Ease of Manufacturing / Takt Time Control Line / New Creative & Breakthrough ideas at occurrence & detection stage / Monotonous Inspection Elimination / Zero Defect Line & Scope of Horizontal deployment / New Concept of Line & Material Handling New Ways
- Inhouse developed LCA, Karukuri Kaizens (for Elimination of Operator Fatigue) and usage of AGVs for material transfer
- Implementation of Traceability under Industry 4.0 (Digitization concept) in one line
- Simulation and Testing facility Best-in-Class
- Each Product Group 2nd Line Expat developed for future
- Patent / Testing Facility Infrastructure
- Much advanced Technology Intelligence
- Ready for New Refrigerant HFO1234yf having GWP 3~4
- Customer Complaint is ZERO for new Technology Product
- Cost Reduction : Increase in Sales Revenue and PBT
- Highly Motivated and Energetic Team
- "6R" Concept in place and well practised
- Best safety Infrastructure / Working Environment / layout design/Conservation of resources

As part of Inclusive Growth – SL Manesar has implemented various unique initiatives mainly for 1. Vendor Community w.r.t. Ease of getting Payment, Key Gap skilling up (Handholding), Technology Upgradation, Making Non Affordable targets to Affordable Targets, Subros DOJO Utilization for basic & fundamental skilling up of vendor employee 2. Society/Local Community w.r.t. Rural community development, Beto Bachao Beti Padhao, Green Manesar / Local Adopted village Campaign, Water, health & Sanitation, Employment of specially abled person in Subros

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

- ACMA Award process has helped to benchmark our processes and bring improvements in our endeavor to be among one of the best in automotive sector. The assessment process and the feedback received during the process given us the opportunity to experience Assessment Team approach w.r.t. sharing of experience, which further strengthened our processes and accordingly explored areas for new innovation. It has been a great learning experience and has built camaraderie and team sprit during this process to generate breakthrough improvement ideas.

Company / Plant name & Location

Usui Susira International Private Limited, Chennai

Excellence in Localization (Bronze)

Mr. Harutoshi Takagi, MD | **Category : Medium**

Company Information: Usui Susira International Pvt Ltd Formerly known as Susira Industries Ltd. has been established in the year 1976 in Chennai is a private limited company. The company is a manufacturer of automobile components like Engine Valve Pushrod, High Pressure Fuel Injection Pipes for CRDI applications, leak off Pipes under Chassis Pipes, GDI Pipes, Valve Tappets, Valve Spring retainers, and other Cold Forged & Precision Machined Components supplying to various domestic OEMs like Ashok Leyland, Daimler, Tata Motors ltd, Mahindra & Mahindra, Tata Cummins Pvt Ltd, TIEI, Maruti, Isuzu, Volvo, Force motors, Honda, SAME, CNH, AGCO, Cummins in India etc., and also exporting these components to various countries like USA, UK, Sweden, Germany, Italy, Finland, Singapore, China, Turkey, etc., (Customers Cummins USA, UK, Singapore, Scania-Sweden, Daimler – Germany, Iveco-Italy, and Supsan- Turkey etc.,).

Company Strengths:

- Continuous Improvements for enhancing the organization excellence include enhancing human competencies at all levels through training education and development.
- Technology upgradation with Consistent to the requirement of the customer's through the appropriate levels of automation.
- Strict conformance to systems and procedures (QMS, EMS, OHSMS) and adoption of best manufacturing practices like lean, IoT, Digitalization etc.,
- All the Methodologies are validated through PDCA approach.

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in Bronze Award- EXCELLENCE IN LOCALIZATION UNDER TURNOVER CATEGORY > INR 50 to 250 Cr) as we have:

- Localization of critical spares through reverse engineering technology
- Cost reduction by 80% of spare procurement cost through localization
- Lead time reduction through Make in India concept and employee skill improvement.

How ACMA Awards process 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 in various kaizen competition and awards winning programs Organised by ACMA to show case our improvements. The key word Digitization help us to next level applying awards through portal and conducting audits/reviews through virtual due to new normal condition. 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.

Valeo

Company / Plant name & Location

Valeo Friction Materials India Private Limited, Chengalpattu

Excellence in Exports (Bronze)

Mr. Jawahar Periasamy, MD

Category : Very Large

Company Information: Valeo Friction materials India- is engaged in design and Manufacture of Eco friendly dry clutch facings (No Asbestos, No Lead, No Organic Solvents) for more than two decades and catering to various applications of OE and IAM for passenger cars, trucks and tractors.
It gives a vehicle low down Time to maximize up time and longer service life, Superior quality with Low operating Cost.

Company Strengths:

- Eco friendly water based Organic facing by G5 Process
- Well safe environmental place with 1452 accident free days
- Customer focus through Valeo's 5 Axes implementation.
- Highly competent working team with guidance of experts.

ACMA Atmanirbhar Excellence Awards category explanation:
We won ACMA Atmanirbhar Excellence Awards 2021 trophy Bronze in EXCELLENCE IN EXPORTS CATEGORY as we have:

- Robust Exports business outlook
- 100% conversion rate of Export orders
- Delivery on time and in full as per Customer requirements

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

- Site assessment by experienced industrialists helps us in identifying new opportunities for improvements.
- To get exposure in the forum of auto component manufacturers of India.

Excellence in Localization
(Silver)

YINLUN ADM

Company / Plant name & Location

Yinlun ADM India Pvt. Ltd., Chakan Industrial Area, MIDC Phase-II, Village-Bhamboli, Tal-Khed, Pune

Mr. Aman Mehtani, MD | **Category : Medium**

Company Information: Yinlun Adm India Pvt.Ltd. are engaged in manufacturing of EGR COOLERS & OIL COOLERS for Automotive, Non-automotive and Industrial Application.

- To manufacture automotive EGR Coolers, Oil coolers, & EV Components to world class standards with state-of-the-art technology and to market them at right price, right time and with right quality to customers' full satisfaction by maximizing value to shareholders.
- We committed environment, health and safety is one of the important parts of our mission and we shall manufacture our product and service to develop our project without adverse effect on human being as well as on environment.
- Our Customer like Bajaj Auto, Ashok Leyland, Mahindra, John Deere, PVNA, Preet Tractor.

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

- **ISO: 9001 & IATF 16949 Certified**
- **Fully automatic process line**
- **Vacuum Furnace Brazing**
- **Differential leak testing machine.**
- **Stable employees**

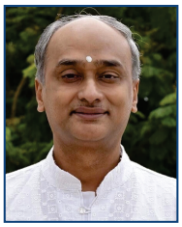
ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in Silver Trophy in EXCELLENCE IN LOCALIZATIION as we have:

- All Import parts developed at local

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

- Very help full feedback to improve the shop floor activity.

Excellence in New Product Design and Development (Gold)



ZENTRON LABS

Company / Plant name & Location

Zentron Labs Pvt. Ltd., Bangalore, India

Mr. R. Krishnan, CEO | **Category : Small**

Company Information: Zentron Labs is a deep tech company with strong expertise in machine vision technology, using cameras, images and algorithms to automate inspection for various applications.

Zentron Labs has recently been recognised as a winner in the Agriculture sector under the Post Harvest category by the National Start up Mission 2021, an initiative of the Government of India.

Zentron Labs automates processes which require visual checking, with the use of industrial cameras in conjunction with computer vision algorithm. We deliver innovative and custom vision solutions instantly with high accuracy and repeatability. The Instant Measuring machine (iMM) is a versatile inspection machine designed to help component manufacturers to reliably automate inspection of dimensions and geometric tolerances and is a very useful system for companies moving towards industry 4.0. The G-Tron is a high speed inline terminal measurement system designed to inspect stamped terminals at a speed of 2000 parts per minute.

Company Strengths:

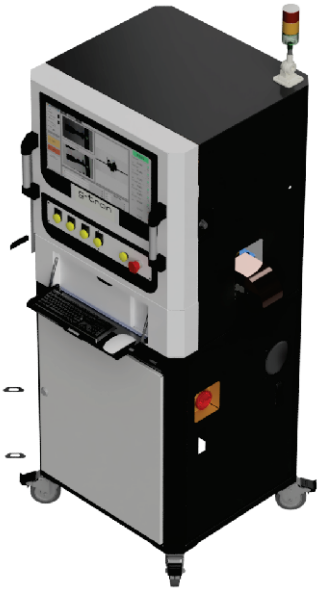
- Indigenous design and development capability
- Cost effective solution to complex inspection requirements
- Multiple user friendly features
- Multidisciplinary workforce

ACMA Atmanirbhar Excellence Awards category explanation: We won ACMA Atmanirbhar Excellence Awards 2021 trophy in Gold in New Product design and development CATEGORY) as we

- Are a Technology driven company
- With Robust design and development process
- And dedicated and committed young employees

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

- The Awards process was very transparent and the auditor asked deep questions on our product, process, HR policies and on our infrastructure and design and development process
- The design process was explained and several new ideas were also shared by the auditor which will be very useful for our future development.
- Need for bringing structured problem solving approach with root cause analysis was also emphasised by the auditor.



ACMA Programs on Offer - 2022

Futuristic / Upcoming ACMA Programs

S. No.	Cluster / Project Name
1	Industry 4.0 / AI
2	Special Program on Robotics & Automation - Maintainability & Optimization
3	Enhancing Innovation
4	Electric Vehicle Support Program

List of ACMA Cluster Programs

S. No.	Cluster / Project Name
1	Advance Cluster - Lean
2	Engineering Excellence Cluster
3	Zero Defect Cluster
4	New Product Development Foundation Cluster
5	New Product Development Design Cluster
6	Human Resource Cluster
7	Zero Defect Plus Cluster - Zero defect in NPD process
8	Tool Engineering Cluster
9	Sustainable Manufacturing Cluster - Carbon Footprint reduction
10	BFZ SINADE - TVET Skill Development Cluster
11	Low Cost Automation Cluster
12	Rudimentary Framework Program

List of ACMA Projects

Cluster / Project Name			
1	Daily work Management Program	13	Breakeven Point Reduction Program
2	Deskilling of Manufacturing Activities	14	New Plant Initiation Project
3	Special Lean Process Engineering for Polymer Industries	15	Material Flow Cost Accounting - MFCA program
4	Special Lean Process Engineering for Forging Industries	16	Management By Objective - Improvement Project
		17	Paint shop Optimisation & Modernization Project
5	Special Lean Process Engineering for Foundry Industries	18	Through Put Rate Improvements Project - Bottleneck Management
6	Special Lean Process Engineering for Fabrication Industries	19	Working Capital Improvement Project
		20	Performance Enhancement Project
7	Uptime Improvement	21	Employee Participation, Involvement and Engagement Project
8	Lean implementation Program		
9	Special Projects on Zero Defect	22	Manufacturing and Process Engineering Project
10	Asset Turn Ratio Improvement Project	23	Safe Working Culture development program
11	Productivity Improvement Project	24	Engineering Improvement Project
12	Quality Adherence Project	25	Inventory Improvement Project

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,
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