



FUTURE OF LIGHTING TECHNOLOGY

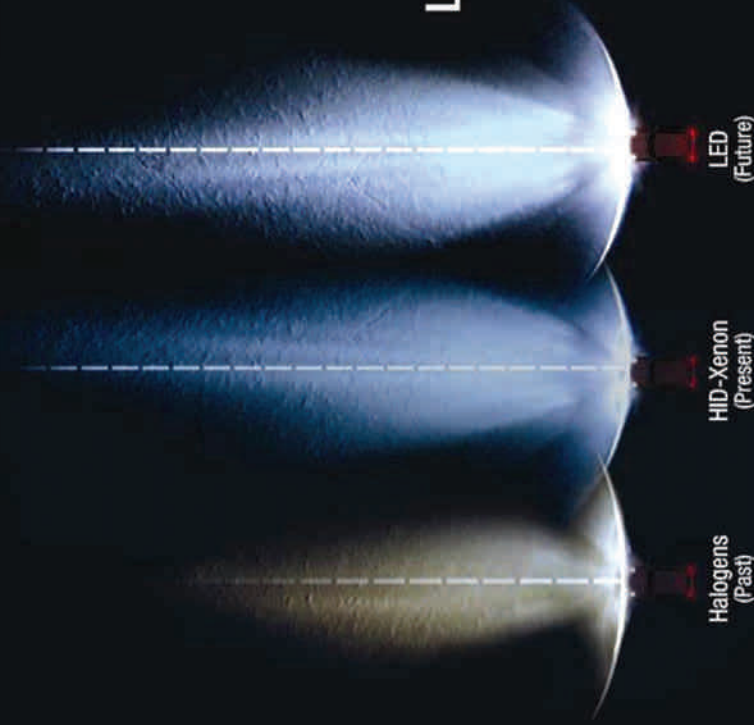
- ONE OF THE LARGEST OEM SUPPLIERS IN INDIA -OVER 30 PRESTIGIOUS OEM'S
- EXPORTING TO 80 COUNTRIES WORLDWIDE
- MOST MODERN INFRASTRUCTURE
- EXPERIENCED AND STRONG R&D TEAM

Light Creates Visibility and Visibility Creates Safety

Benefits of LED Technology

- In India, 1.27 lakh persons die in road accidents every year. 70% fatal accidents occur at night. Advancement in Auto Lighting technology with LED's, will go a long way in minimizing accidents
- Very low energy consumption
- Eco friendly - low on CO₂ emissions
- Lasts till the Life of the Vehicle

Light



Halogen
(Past)

HID-Xenon
(Present)

LED
(Future)



NEOLITE ZKW Lightings Pvt. Ltd.

Plot No. 36, Sector-4B, HSIDC Industrial Estate, Bahadurgarh-124507, Distt. Jhajjar (Haryana) INDIA
Tel.: 91-1276-306306 e-mail : info@neolitekw.com Website : www.neolitekw.com



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Editorial Team

Publisher	: Mr. Vinnie Mehta, Director General, ACMA
Chief Editor	: Mr. V. K. Sharma, Principal Counselor, ACT
Assistant Editors	: Mr. Jitender Rana, Ms. Sakshi Karkamkar

One complimentary copy of "ACT Now" is sent to each member of ACMA. Additional copies are available @ ₹ 150/- for each copy. This cost is including service tax & postage charges.



Chairman's Message

It is truly a pleasure for me to release the present issue of "ACT Now" that focuses on ACMA Awards. At the outset, I congratulate all the companies who have won the prestigious ACMA Awards for 2014. This is testimony of the tremendous effort put in by the winners in achieving excellence.

ACMA Awards have come a long way since their inception in 1966. The awards process is evolving, year on year, under the able guidance of the jury comprising of senior representatives from the vehicle industry. Continuous improvement in the application document to make it more precise, streamlining of eligibility criteria, introduction of site diagnosis by industry experts to remove any bias and due weightage to the customer feedback are some of the noticeable value-additions introduced in the recent years.

Further, this year the awards process has gone green, with the entire process being managed on-line. This is indeed a landmark achievement. The software is user friendly for applicants, for assessors and for jury members to upload their information / reports / scores on-line. My hearty congratulations to entire ACT Team for successfully developing online "ACMA Awards Management System" in a very short span of time.

Presently ACMA Awards are given for excellence under four categories - Export, Technology, Quality & Productivity and Manufacturing Excellence. As the industry grows in scope, we will strive to consider incorporating more categories in addition to the current ones. ACT team is dedicatedly working on such possibilities and I hope that we soon see some new categories.

I thankfully acknowledge the contribution of the jury for their valuable guidance and that of the assessors for their precious time and inputs to this process. The ACMA Awards are now amongst the most prestigious and coveted recognitions in the auto component industry.

This special issue shares with you the profile of ACMA Award winners for 2014 and their journey towards excellence. I hope that you will find these interesting and motivating.

Lastly, to make "ACT now" even more valuable for you, do please share your feedback by using the enclosed customer-rating format.

Best Wishes,
Srivats Ram



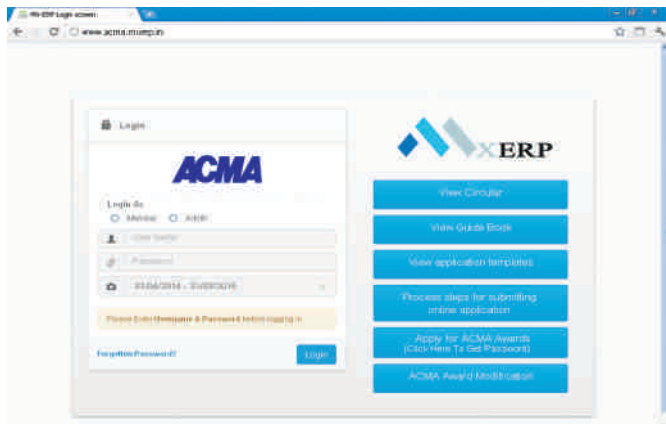
The Hallmark of Excellence

It is a testimony of the fact that ACMA Awards are now considered amongst the most prestigious ones across the auto component industry. We have come a long way since the awards were first constituted in the year 1966. The awards process this year has been further refined to truly reflect current world-class manufacturing practices. Today, there are 7 categories of awards :

- (a) Excellence in Export (Small and Large *)
- (b) Excellence in Technology (Small and Large)
- (c) Excellence in Quality and Productivity (Small and Large)
- (d) Recognition for Manufacturing Excellence

. * Small- Company Group Turnover < INR 50 Cr.,
Large- Company Group Turnover > INR 50 Cr.

As a step towards "Greening" we introduced 'ACMA Award Online Management System' from this year. Industry has welcomed this initiative and submitted the applications online.



www.acma.mxerp.in

Award application document & data, key Customer feedback and Manufacturing facility upkeep are considered important factors while deciding the winners.

Excellence in Export (Small & Large Category)

The ACMA Export Award gives recognition to outstanding achievements of member units in the field of exports. It aims at promoting export of value-added products. Criteria like net foreign exchange earned, consistency in export, penetration into new markets etc., are also given due weightage for

analyzing a company's export performance. Thus the aim of the Export Award is to recognize the component manufacturer's actual export performance.

Excellence in Technology (Small & Large Category)

ACMA Award for Excellence in Technology recognizes independent innovations by member companies within their own fields of activity, which have, as a result, benefited their customers. The technology Award is given for outstanding innovations by member companies through their efforts, which would benefit the Indian Automotive Industry as a whole.

Companies can apply for Process Innovation or Product Innovation as appropriate.

Excellence in Quality and Productivity (Small & Large Category)

ACMA introduced this Award to recognize outstanding achievements by member companies in the area of Quality and Productivity. The award criteria focuses on the foundation elements needed to build a Quality and Productivity culture in an organization.

Recognition for Manufacturing Excellence (Large Category)

This recognizes organizations that use Best Manufacturing Strategies and Practices to achieve high performance. The "Recognition for Manufacturing Excellence" includes key elements of manufacturing starting with organisation vision, leadership, strategy, support functions and employee involvement to achieve higher level of customer satisfaction and business performance.

The scoring system for ACMA Awards goes through 3 stage evaluation of (1) Shortlisting by Expert Team (2) Site Diagnosis by External Assessors (3) Jury Scoring & Ranking. Moreover panel of jury considers weightage of customer feedback which is a valuable input & it drives companies to improve customer satisfaction level in an increasing trend through Technology, Productivity, Quality, Cost &

Delivery improvements along with basic 'Must Be Facilities'. More than just an encouragement, ACMA Awards has been a driving force to showcase the capabilities, strengths and quality level of the company. ACMA awards process allows companies to benchmark present levels and move on path of improvement for all business aspects. ACMA Awards is a platform to understand expectations from Automotive components manufacturing industries in Today's market and plays a substantial role in improving the competencies of Indian automotive industry. Site Diagnosis of individual plants and the feedback mechanism helps the industries to improve existing level of manufacturing competitiveness and achieve a greater level. The online process of application submission has not only helped in saving time and making it easier, but also helped in saving the environment.

ACMA Awards process has been improving, year on year, under the able guidance of Mr. Srivats Ram - Chairman ACT, Mr. C. Narasimhan - Chief Mentor ACT, Mr. Vinnie Mehta – Director General ACMA and Mr. Dinesh Vedpathak, Head Cluster Program ACT. The valued contribution of jury is taking these awards to new heights. ACMA thanks the assessors for being a part of this process. We thank all applicant companies for participating in the ACMA Awards process and helping ACT team to complete the process in timely manner. ACMA expects that with these ongoing improvements, the awards would become even more prestigious and coveted.

We are happy to inform you that from this year we are publishing one page article of every winner in "ACT now". We appreciate the winner companies for response on this. However, due to space limitation we are unable to print the entire articles.

Congratulations !

ACMA Awards Winners 2014

Excellence in EXPORT

Small Category

Certificate of Recognition
Certificate of Recognition

Bohra Rubber Pvt. Ltd., Faridabad
Stork Auto Engineering Pvt. Ltd., Manesar

Large Category

Gold Trophy
Silver Trophy
Bronze Trophy

Hi-Tech Gears Ltd., Bhiwadi
Polyplastics Industries (India) Pvt. Ltd., Yamunanagar
Shriram Pistons & Rings Ltd., Ghaziabad

Excellence in TECHNOLOGY

Small Category

Gold Trophy

Litens Automotive (India) Pvt. Ltd., Pune

Large Category

Gold Trophy
Silver Trophy
Bronze Trophy

Wheels India Ltd., CV, Padi
Lumax Industries Ltd., Pune
Technico Industries Ltd., Bawal

Excellence in QUALITY & PRODUCTIVITY

Small Category

Gold Trophy
Silver Trophy
Certificate of Recognition
Certificate of Recognition

Sellowrap Industries Pvt. Ltd., Gurgaon
Bohra Rubber Pvt. Ltd., Faridabad
Devilog Systems (India), Bangalore
Stork Rubber Products Pvt. Ltd., Gurgaon

Large Category

Gold Trophy
Silver Trophy
Bronze Trophy

Nipman Fastener Industries Pvt. Ltd., Haridwar
Neolite ZKW Lightings Pvt. Ltd., Bahadurgarh
Delux Bearings Ltd. (Plant-1), Wadhwan

Excellence in MANUFACTURING

Gold Trophy
Silver Trophy
Silver Trophy
Bronze Trophy
Bronze Trophy
Bronze Trophy

Bosch Ltd., Bangalore
Lumax DK Auto Industries Ltd., Pantnagar
Subros Ltd., Manesar
Lucas TVS Ltd., Puducherry
Pranav Vikas India Ltd., Palwal
Rane Brake Lining Ltd., Trichy

ACMA Awards Jury Panel 2014



Mr. Vikram Kirloskar
Chairman, Jury



Mr. Hemant Sikka
Member



Mr. Anil Sinha
Member



Mr. I V Rao
Member



Mr. V. Sridhar
Member



Mr. Satyakam Arya
Member



Mr. Hans Georg Festing
Member

All the Awardees have been selected by a panel of eminent Jury. Mr. Vikram Kirloskar, Vice Chairman, Toyota Kirloskar Motors Ltd., Bangalore, is the Chairman of the ACMA Awards' Jury for 2014. Other members of the Jury are Mr. Hemant Sikka, Executive Vice President, Chief Purchase Officer – Auto & Farm Sectors, Mahindra & Mahindra Ltd., Mr. I V Rao, Advisor, Maruti Suzuki India Ltd & Director MACE (Maruti Centre for Excellence), New Delhi, Mr. Anil Sinha, Head Manufacturing Operations (Passenger car business), Tata Motors, Pune, Mr. V Sridhar, Sr. Vice President, Manufacturing & Director, Honda Motorcycle & Scooter India Pvt Ltd, Mr. Satyakam Arya, VP (Global Sourcing), Daimler India Commercial Vehicles Pvt. Ltd and Mr. Hans Georg Festing, Executive Director (Corporate Purchasing), Volkswagen Group Sales India Private Ltd.

ACMA Award Assessors 2014

Sr. No.	Assessor Name	Company Name	Designation
1	Mr. G.Muthukrishnan	Metallurgy	Chartered Engineer & Consultant
2	Mr. R.R.Rao	ICRA Management Consulting Services Limited (IMaCS)	Managing Director & CEO
3	Mr. M.Dhananjayan	Focus Engineering	Managing Director
4	Mr. V. Thiagarajan	WABCO INDIA Limited	General Manager - TQM & Six Sigma
5	Mr. T R Narasimhan	WABCO INDIA Limited	Senior Manager – TQM & Six Sigma
6	Mr. Rajaram	Wheels India Limited	VP - Head CV BU
7	Mr. M Thiagrajan	"Total Prototyping Pvt Ltd. Bangalore"	Technical Director

8	Mr. Raghavendraprasad	Bosch Limited, Bangalore	Deputy General Manager, OE Marketing
9	Mr. Shekar M.Thorat	Metalman Auto Pvt. Ltd	Retd. Ex. Director
10	Mr. V.Gandhi	Tata Motors Ltd	Plant Head (Retd.) Tata Motors Ltd.
11	Mr. Prakash Avachat	Retired from Tata Motors	General Manager (Business Excellence Services)
12	Mr. Hemant Urdhwaresh	Institute of Quality & Reliability	"Fellow of ASQ Certified Six Sigma Master Black Belt (ASQ) CRE, CMQ/OE, COE (All ASQ)"
13	Mr. Pendase Abhay	Godrej & Boyce Mfg Co. Ltd	Associate Vice President
14	Mr. Keshab Sen	Foton Motors Manufacturing India Pvt Ltd.	Vice President After Sales Service and Parts
15	Mr. Rajanbabu	Litens Automotive (I) Pvt Ltd	Director
16	Mr. Ramesh Sabnis	Menon and Menon limited	Chief Operating Officer
17	Mr. V. Krishnamurthy	ACGL	Managing Director
18	Mr. Dushyant Pathak	SKF India Limited	"General Manager Country Business Excellence"
19	Dr. Abhay Kulkarni	Institute of industrial and Computer Management and Research(IICMR)	Director
20	Mr. D.Jacob	Fairfield Atlas LTD.	Managing Director
21	Mr. Achyut G Vaidya	Ex HCC, Honeywell	General Manager
22	Mr. P.G. More	Accurate Engineering Co. Pvt. Ltd.	Technical Director
23	Ms. Alka Pande	Automotive Skills Development Council (ASDC)	Advisor
24	Mr. R.B.Madhekar	Maruti Suzuki India Ltd.	Dy. Director
25	Mr. R.B.Singh	Sona skill development Centre	Advisor
26	Mr. Kanwarjit Singh	INAPEX PVT. LTD.	MANAGING DIRECTOR
27	Mr. D.K.Jally	Asahi India Glass Ltd.	Unit Head QA
28	Mr. K.C.Hallone	Srinisons Wiring Systems Pvt Ltd	Director Technical
29	Mr. Kallol Roy	FENNER INDIA LIMITED	VICE PRESIDENT
30	Mr. A. K. Basu	Tata Motors Ltd, Pune.	Manager Supplier relationship (Supplier Quality)
31	Mr. Praveen Chauhan	Sansera Engineering	Plant Head
32	Mr. Mrugesh K. Gandhi	Godrej & Boyce Mfg. Co. Ltd,	Asst. Vice President – Manufacturing
33	Mr. Ranjan Vasishtha	Quantum Jump Consulting Group	Managing Director
34	Mr. Paramjit Singh Chadha	Continental Automotive Brake Systems (I) Pvt. Ltd.	Vice President (Sales,Purchase,Quality)
35	Mr. Ashok Kumar	"EMT International"	Managing Director
36	Mr. Nitin Tilak	Tata Motors, Pantnagar	DGM (Utility, Maintenance & PE)
37	Mr. Sandeep Bathla	Bharat Gears Ltd.	CEO
38	Mr. Tribhuvan Kumar	Tata Motors Ltd. (Pantnagar Plant)	Deputy General Manager
39	Mr. Sushil Sharma	"New Holland Fiat India Pvt Ltd"	Sr. General Manager
40	Mr. Satish Jangra	Automax	Plant Head
41	Mr. S.K.Banerji	JmJ Lean Consulting Group	Management Consultant
42	Mr. Surendra Gadgil	Tata Motors Pune CVBU	Super Annuated General Manager
43	Mr. Pradeep Sirsamkar	Former AGM of Tata Motors Ltd.	
44	Mr. Anil Karmarkar	Tata Motors Pune	Retired DGM (QA) CVBU Tata Motors
45	Mr. N.P.Chandok	Hero Motocorp Ltd.	Senior General Manager
46	Mr. Omprakash Modak	Bureau Veritas Certifications	Empaneled Lead Auditor-IMS
47	Mr. Parveen Yadav	Mahindra & Mahindra Ltd.	Manager Sourcing
48	Mr. R.P. Bhatti	Maruti Suzuki India Ltd.	Principal Counselor
49	Mr. O.P. Uttreja	Maruti Suzuki India Ltd.	Principal Counselor
50	Mr. S.K. Singhal	Maruti Suzuki India Ltd.	Principal Counselor
51	Mr. S. Majumdar	Maruti Suzuki India Ltd.	Principal Counselor
52	Mr. T. Nagappan	IM Gears	Plant Head
53	Mr. Anil Parsarami	Verizen	Chief Mentor

Process Owner : ACMA AWARDS 2014

Sapana Baravkar
ACMA Centre For Technology (ACT)



Jitender Rana
ACMA Centre For Technology (ACT)



Excellence in EXPORT (Small Category)



Certificate of Recognition
Bohra Rubber Pvt. Ltd., Faridabad



Certificate of Recognition
Stork Auto Engineering Pvt. Ltd., Manesar

Excellence in EXPORT (Large Category)



Silver Trophy
Polyplastics Industries (India) Pvt. Ltd.,
Yamunanagar



Gold Trophy
Hi-Tech Gears Ltd., Bhiwadi



Bronze Trophy
Shriram Pistons & Rings Ltd.,
Ghaziabad

Excellence in TECHNOLOGY (Small Category)



Gold Trophy
Litens Automotive (India) Pvt. Ltd.,
Pune

Excellence in TECHNOLOGY (Large Category)



Silver Trophy
Lumax Industries Ltd.,
Pune



Gold Trophy
Wheels India Ltd., CV, Padi



Bronze Trophy
Technico Industries Ltd.,
Bawal

Excellence in QUALITY & PRODUCTIVITY (Small Category)



Silver Trophy
Bohra Rubber Pvt. Ltd.,
Faridabad



Gold Trophy
Sellowrap Industries Pvt. Ltd.,
Gurgaon



Certificate of Recognition
Devilog Systems (India),
Bangalore



Certificate of Recognition
Stork Rubber Products Pvt. Ltd.,
Gurgaon

Excellence in QUALITY & PRODUCTIVITY (Large Category)



Silver Trophy
Neolite ZKW Lightings Pvt. Ltd.,
Bahadurgarh



Gold Trophy
Nipman Fastener Industries Pvt. Ltd.,
Haridwar



Bronze Trophy
Delux Bearings Ltd. (Plant-1),
Wadhwan

Excellence in MANUFACTURING



Gold Trophy
Bosch Ltd., Bangalore



Silver Trophy
Lumax DK Auto Industries Ltd.,
Pantnagar



Silver Trophy
Subros Limited,
Manesar



Bronze Trophy
Lucas TVS Ltd., Puducherry



Bronze Trophy
Pranav Vikas India Ltd.,
Palwal



Bronze Trophy
Rane Brake Lining Ltd.,
Trichy

Certificate of Recognition
Bohra Rubber Pvt. Ltd., Faridabad



Shailendra Bohra
(Director)



Product



Mother Plant

The company manufactures extruded rubber components (Cabin sealing systems like Door seals, windshield seals, Flocked rubber profile, deck lid seals, low gravity sponge insulation sleeves), moulded rubber components (grommets, bellows, dust covers, dust covers, rubber seals etc) and assembled rubber components.

Bohra Rubber is part of the Bohra Group that has been in existence since 1924 and is one of the very few companies to be equipped with state-of-the-art integrated extrusion and moulding facilities to cater to the automotive OEM and Tier-1 companies. The company is TS 16949 certified since 2002. It has a Technical collaboration with Hiroshima Kasei Ltd. Japan, for the manufacturing of extruded rubber components that are used as cab sealing systems in the Car, Truck and Bus industry. Our strength lies in our strong Quality Control and assurance systems. The company has successfully targeted the exports markets and has been able to win reasonable business with OEMs and Tier 1 companies in the developed western markets.

We won ACMA Awards 2013-14 Certificate of Recognition in Exports (Small) as we have made special efforts in the recent past to explore and nurture the business opportunities that exist in the international markets. In the last 2 years a special

focus has been laid to tap the potential business that can be won in the international market. As suggested above, our company is only focused on OEM and Tier-1 companies in the developed markets where quality awareness and requirements are high and we get rewarded for good and consistent delivery in terms of quality. Recent additions of state-of-the-art processes assisted by the technically advanced equipment on our shop floors has increased our confidence in being able to deliver to the international customers whose quality parameters and expectations are quite high. It has been difficult to understand and meet the requirements initially but it has been a good learning process. The engagement with the international customers have immensely contributed to our learning process and helped our company and its people to gain confidence in their abilities.

ACMA Awards Process greatly helped us getting a perspective on the vision we could have for our international markets prospects. The process of the ACMA audit has helped us broaden our vision and to understand that we have to plan for the medium to long term and work towards achieving those goals. The overall assessment process has also helped us identify the tools that our organization could use to achieve that medium term goal and long term goal.



Extrusion Facility



Rubber Injection moulding lines

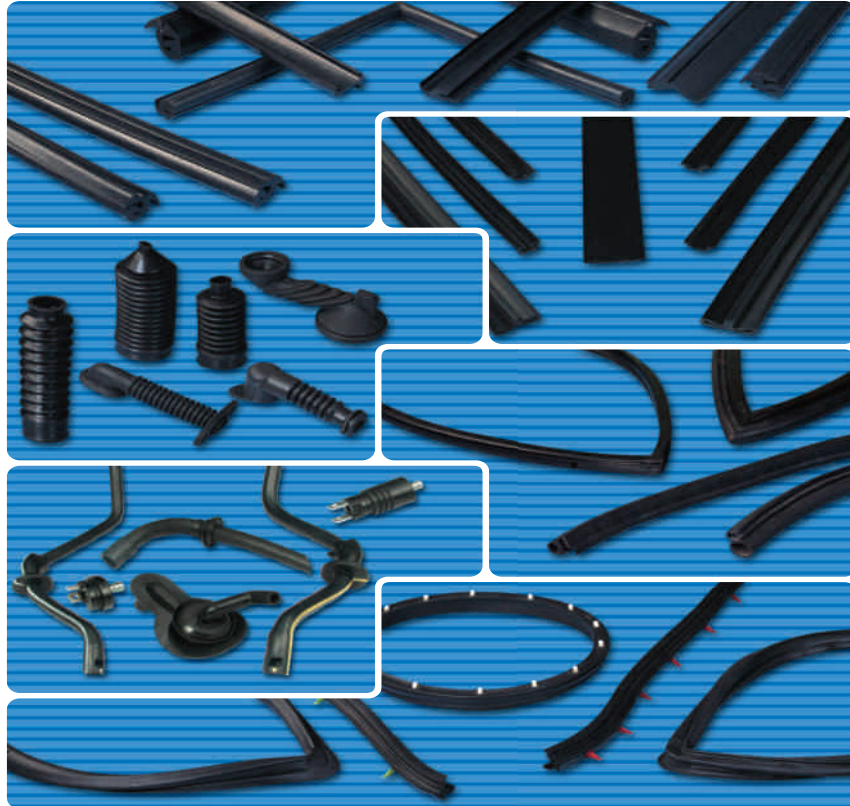


Well equipped Lab



Bohra Rubber Pvt. Ltd.

*End to End Sealing solutions
in Rubber Polymers for
Automotive Industry*



24/4 Milestone, Delhi-Mathura Highway, Sector-59, Faridabad-121004, Haryana, India.
Phone: +91-129-4181500 E-mail : marketing2@bohra.com Website : www.bohra.com



Certificate of Recognition

**Stork Auto Engineering (P) Ltd.
Manesar**



Mandeep Rangar
Director



Products :

Mechanical Control Cables, Speedometer Cables
E-Brake Cables, Accelerator Cables
Seat Cables, Cables for industrial and Agricultural applications, Gear Shifter Cables, Brake Cables
Clutch Cables



Exports to Customers in:

UK, USA, Sweden, Denmark, Belgium, Italy, UAE
Israel, Germany, Holland, Australia, South Africa

Domestic Customers:

Minda Corporation, Indo Auto Tech, Vee Gee Motors
Jindal Soft Ltd.

Stork Auto was set up in year 2000 with the objective of manufacturing and exporting mechanical control cables.

From a humble beginning, the company is today

based out of a modern facility in IMT Manesar with state of the art manufacturing and testing equipment.

The exports of the company's products have been a testimony to the ever improving standards of quality and production. The company has quick response time for development of new range items, as well as technologically advanced parts like E Brake and Gear Shifter and self adjusting cables.

The plant at Manesar is TS 16949 certified and is on the way to obtain ISO 14001 & OHSAS 18001 certifications. The plant adopts best in class practices. 5S, TEI are a integral part of our work environment and we are now on the path to achieve TPM.

Today the products made by Stork Auto are exported to USA, UK, Germany, Belgium, Denmark, Holland, Russia, Australia, South Africa, Israel to name a few and have also now found acceptance with OEM and Tier 1 customers both in India and overseas.

ACMA Award for Excellence in Exports recognizes our efforts and strengthens our resolve to further excel.

The award process itself has been a very enriching experience right from the manner in which the application was submitted, the detail required to make this application and the screening and audit which was then carried out. Not only was the screening a good experience but in many ways this itself has brought forth some new ideas and improvements for our company.



Proper Material Handling with Traceability



Fire & Safety Training through Mock Drill



Tools / dies identification with location



5-S Training given to all employees

Gold Award

Hi-Tech Gears Ltd., Bhiwadi



Pranav Kapuria
Managing Director



Hi-Tech Gears Ltd.



Hi-Tech Gears Green Factory Building at Bhiwadi

Founded in 1986, Hi-Tech Gears is the flagship company of The Hi-Tech Group and engaged in manufacturing of transmission, engine, power take off, and driveline components and having its presence in the Two-wheelers, Passenger Cars, Utility Vehicles, Commercial vehicles, and Off-highway vehicle segments. It serves esteemed customers e.g. Hero MotoCorp, Daimler India Commercial Vehicles, Cummins Inc., Tata Cummins, JCB, New Holland, Magna Powertrain, Robert Bosch, and Honda Cars India.

Driven by passion to succeed, the company has



Transmission Gears and Shafts for Commercial Vehicles & PTO

always strived to set new benchmarks. Operational excellence is certainly a competitive edge that has helped the company to combat the recession and win the confidence of its global customers. This strive helped company to win several recognitions including the prestigious Shingo Silver Medallion and TPM Award for Consistent TPM Commitment in the past. In addition, the company is consciously evolving unique processes and methods to inspire its employees.

Hi-Tech Gears firmly believes in serving its customer nothing less than best in class. We executed the qualitative exports in previous years and are continuously building higher capabilities to enhance the value for our customers. In this endeavor, we are glad that our efforts are recognized by ACMA and as a result, we secured the ACMA Awards 2014 trophy in Excellence in Exports (Large) category.

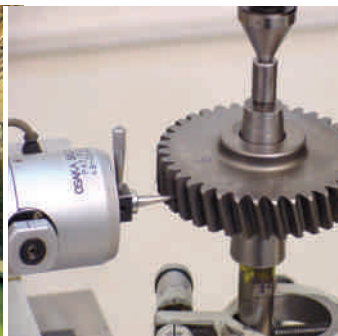
ACMA Awards assessment process is comprehensive, robust and designed for qualitative screening of applications. We consider winning ACMA Award is a validation that we are moving into the right direction.



High-Technology Processes & Equipments



World - Class Infrastructure



Robust testing & Process Controls



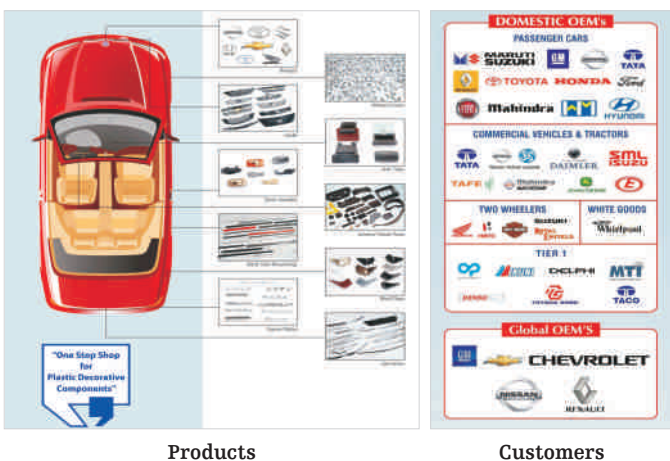
Passion to Succeed – Winning Hi-Tech Team

Silver Award

Polyplastics Industries (I) Pvt. Ltd.
Yamuna Nagar



Kamal Gupta
Managing Director



Products

Customers

Polyplastics is the leading name in the automotive industry for manufacturing ornamental parts like Emblems, Monograms, Grills, Garnishes, body side moldings, door handles, electrical assemblies and wheel rim covers.

Company capabilities include in-house tool manufacturing (up to 880T) facilities, injection molding, automatic plating on plastics, painting and assembly processes. Almost all OEM of cars & two wheelers in India are Polyplastics customers. We have technical collaboration with Sakae Riken Kogyo Company of Japan and Zanini Auto Spain. Operational excellence is maintained using best shop floor practices like Toyota production systems, Kanban, Kaizen, Quality circles, 5S etc. Polyplastics is the only company in India having state of art plating on plastics plant which is approved by General Motors for supplying plated components across the globe. It is single source to major automotive giants in India like Maruti Suzuki and Tata Motors.

Polyplastics endeavor is always keeping its associates morale high and motivated, by involving them in small group activities regularly.

We won ACMA Award 2014 trophy in “Excellence in Export” category as we have exponential growth in export business. Export sale has grown from 0.36 to 7.77 million USD in last 5 years. Export is contributing 14% share of total business. Polyplastics has demonstrated its technical and manufacturing capabilities by supplying the Chevy bowtie to General motors across the Globe. Company is QSB certified by General Motors. Apart from that it has quality certification (ISO/TS16949), Environment certification (ISO14001) and Information Security Management System certification (ISO27001). Polyplastics has state of art manufacturing facilities like in mold decoration, automatic plating on plastics and vacuum metalizing process. We have young and energetic team which is always motivated toward innovation and continual improvement.

The name Polyplastics continues to stand for trust, reliability and dedicated customer service.

ACMA award process is very good platform for automotive industries to demonstrate their technical and commercial capabilities in today’s competitive business scenario. It gives the opportunity for individual industry to benchmark the best practices. Since improvement is never ending process it helps to improve further the capabilities of individual company. In-depth diagnosis process of this prestigious award is the key to learn lot of things.



Excellence in EXPORT - Large

Bronze Award

Shriram Pistons & Rings Ltd. Ghaziabad



A.K. Taneja
Managing Director & CEO



Export is at the core of Shriram Pistons & Rings (SPR) business strategy. Development and manufacture of 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 organisation. Not surprisingly, SPR is the largest exporter of Pistons and Rings from India to discerning customers, including Ford, Honda, Kia, Renault, WABCO and has the "Trading House" status from Government of India. SPR and USHA are also amongst the best recognized brand names in the aftermarket abroad.

SPR has an exceptional lineage of the Shriram Group, one of India's oldest and most reputed industrial houses. SPR is recognized by almost all OEMs in India, and several OEMs in Europe, USA, China and in middle east as a dependable partner for supply of Euro 3, 4 & Euro 5 Pistons, Pins, Piston Rings and Engine Valves.

The Company has capability to Design, Develop, Validate and Manufacture finished products for OEMs in India at its Tech Centre with 50+ Design and Engineering Professionals trained by its technology partners in Concept Design, FEA, Simulation, Rig Testing, Prototype Development,

Engine Testing & Analysis. This is supplemented with continuous technology and application engineering support from the technology partners including in advanced engineering and manufacturing processes.

We won ACMA Awards 2014 trophy in Excellence in Export (Large) as we have excellent manufacturing facilities, talented people, good operating systems, efficient material storage and handling, plant upkeep, documentation, a high customer satisfaction index, continuous innovative work processes.

The ACMA awards help us to enhance our manufacturing competitiveness, quality standards, productivity and profitability through innovative interventions at various levels of our operations. Significant among these are :

1. Establishing World Class shop floor practices to create competitive advantage which results in industry leadership.
2. Helps to create an environment of advancement within the industries through Quality Circle & Six Sigma initiatives with a focus on institutionalizing these capabilities.



Betting Big on Technology



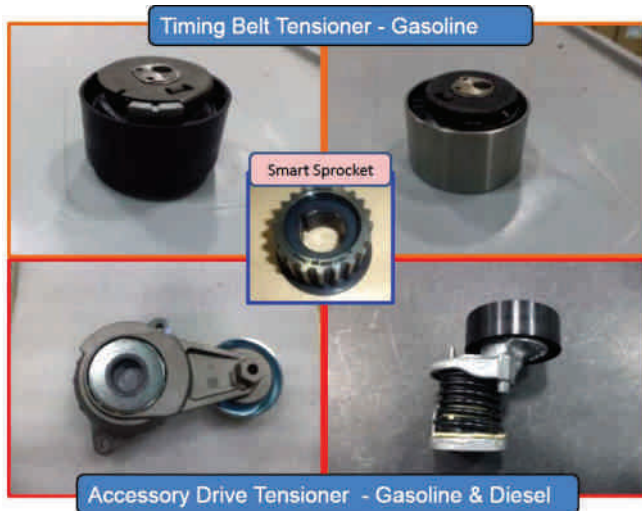
Centre of Manufacturing Excellence

Gold Award

Litens Automotive (India) Pvt. Ltd.
Pune



Rajanbabu Govindan
Director - India Operations



serving India & South East Asia customers with design, development and manufacturing services of Critical engine accessory drive and timing drive parts. Starting the manufacturing operation with Fiat Timing belt tensioners in 2009, today the product range has been extended to Accessory drive tensioners and smart sprockets, covering Honda, VW, Fiat and TATA.

Litens is the innovator of Auto tensioner in the year 1979. The first Auto Tensioner was supplied to Ford for the Mustang car. Also innovated many products & patented such as Smart sprocket (CTC - crankshaft torque cancellation device). Smart sprocket is a non-round sprocket (oval, square, triangle etc) which induces opposite vibration as created by engines and thus cancel the valve train borne vibrations. NVH reduction and high durability are the most discrete advantages of smart sprocket.

Litens Automotive (India) Pvt. Ltd. is a full subsidiary of Litens Automotive partnership Canada. India plant started in 2009 with a mission of

Litens automotive India is equipped with state of art assembly line and trained staff who are currently delivering high quality products to VW, Honda and Fiat. Tool Design training has been scheduled in near future and plans are afoot to start the Tool design and manufacturing in house.

We are maintaining the No.1 position in the quality/delivery rating from all our esteemed customers.

ACMA Awards Process & the site diagnosis are the eye-opener for some of the key aspects in the shop floor and helping us to upgrade the standard of the shop floor practices.



Gold Award

Wheels India Ltd., CV, Padi



Srivats Ram
Managing Director



The commercial vehicle (CV) wheel manufacturing division of Wheels India Limited, Padi, Chennai is into manufacture and supply of steel wheels for Trucks, Buses, Trailers and defense vehicles. The plant was started in the year 1962 has a capacity to produce 80,000 wheels per month. In addition to Padi Plant, Wheels India Ltd. Manufactures CV Wheels at Rampur and Pune Plant & has combined capacity of 1,50,000 wheels per month.



Technology & Innovations
New Process Applied for award – Hoop disc process



- Applied Hoop disc innovation in utility patent
App NO : 904/CHE/2011
- Raw material (steel) requirement is reduced

CV-Padi plant with a total employee strength of 300, has capability to manufacture tube and tubeless wheels. The facilities to manufacture the wheel by press forming, flow forming and welding processes. The products are manufactured as per APOP guidelines to comply to ISO TS- 16949 standards. The plant is certified to ISO 14001:2004 – environmental standards.

We won the excellence in technology award for the innovative “Hoop disc process” – an alternative process to manufacture the discs with reduced input material. The talented group of engineers at Wheels India Limited designed and developed this patented process. We have installed an automated manufacturing facility, to mass produce successfully.

Winning ACMA award is a great achievement and this would definitely take us to higher levels. The in-depth audit by expert auditors help us to look at technology, quality levels, capabilities, safety and environment practices of our plant. It provides an opportunity to show our process and to compete with other organisations.

CONVENTIONAL PROCESS



Flow forming process



Automated Hoop disc line



Assembly line

Silver Award

Lumax Industries Limited - Pune



Deepak Jain
Managing Director



One of the most experienced automotive lighting solutions company in South Asia, LUMAX, enjoys a history of more than half a century of Innovation, Technology, Manufacturing and Market Leadership in India. The products manufactured in our Chakan plant are primarily Automotive Lighting which include Headlamps, Tail lamps, Sundry and Auxiliary lamps for both 4 Wheelers and 2 Wheelers. Major Customers are: Mahindra & Mahindra, Nissan, Tata Motors, Ashok Layland, Force Motors, Piaggio etc.

Lumax is synonymous with superior quality products which are a result of our constant focus on technology leadership and manufacturing excellence through various measures such as TPM & TQM. Our key objective is to strive towards 100% customer satisfaction on POCD parameters. Plant's Key manufacturing processes: Injection & BMC Molding, UV Base Coat, Metallizing (Both Conventional and Plasma), Lamp Assembly with Robotic adhesive application, Leak & Light Testing.

To further enhance our focus on technology leadership a New Technology Group has been formed to promote innovative product and process to meet customer technology requirements at affordable cost. In-house Design Studio (Automotive Lighting) for the 1st time in India. Complete in house design

activity with no involvement of external agency. Reduce the dependency on collaborator Training Calendar made for our design engineer and Trainings are being done by our in-house experts and collaborators. To enhance our sourcing capability we are focusing on reducing our dependency on imports of critical parts and are trying to localize the same.

We are delighted to win the prestigious ACMA Awards 2014 trophy as we are the first Indian automotive lighting manufacturer who has prime focus on innovative products which meet customer needs and their technology requirements at an affordable price. We are continuously focusing on elemental technology of product so that we can easily integrate the technology between product, process and people to compete with overseas quality at an Indian price. We are working with "Our Hands and Minds Together" policy for self-reliance journey so that our esteemed customers and the consumers at large can enjoy products with latest technology at an affordable cost.

The prestigious ACMA Award processes are helping us to introspect ourselves as a plant/company and to create an environment for further improvements and growth. The audits and feedback on our processes from top agencies are extremely important to help us improve further and to achieve top levels of customer satisfaction. This competition gives us a platform to share our practices & benchmark them with other manufacturers to encourage a positive environment of mutual learning.



Molding Shop



Design Studio



Photometric Lab



Environmental Lab

Bronze Award

Technico Industries Ltd., Bawal



Arun Gupta
Managing Director



Products : Window Regulators, Seat Sliders, Recliners, Side door / Back door/Trunk & Hood Hinges, Screw Jack Assembly & Critical Engine Mounting & Chassis Part.



Customers : Maruti Suzuki, Toyota, Nissan, GMI, TATA, MAHINDRA, ICML, TRELLEBORG & MANY MORE.

TECHNICO Industries has excellent infrastructure to produce critical sheet metal parts, on full range of progressive presses 160 Ton to 600 Ton Capacity. Technico installed the world's best Fine Blanking press which produces parts with very close tolerances. A complete line for Roll Forming Parts with highest accuracy ensures a noise less Window Regulator. A four Axis CNC tube bending machine is used for bending tubes with critical bends with highest accuracy in the class. Trunk lid hinges assemblies are manufactured & assembled for number of cars. TECHNICO continuously invests in technology upgradation & automation. A well in house designed hinge assy. line is added to improve productivity & quality. Window regulators of different models of cars are produced with latest technology on state of art assy. lines with all window regulator tested on line to highest accuracy. Seat sliders & Recliners are assembled on imported assy. Lines with latest technology from JAPAN & each assy. is tested at the end of line to the accuracies standard set up by TECHNICO collaborator in JAPAN. A Well equipped welding shop has Robotic projection MIG & SPOT welding Equipment. Technico is equipped with the state of art PLC controlled fully automatic zinc plating system & is 100% Cr3+ Elv Compliant with capacity of 70 Million Sq inch/month. Consequent to designing testing & approval by customer TECHNICO established an ultra modern manufacturing line for assembly of screw jack.



As we have Well trained Engineers / Technicians. Collaborators from JAPAN keep visiting TECHNICO on Regular interval to upgrade the system & knowledge of TECHNICO employees. Technico, owing to its efforts over the years has been able to achieve the weight reduction targets specified by its customer. A Team of highly skilled & experienced engineers & Technicians make up the TECHNICO design Team. The company R&D Centre is equipped with state of art design tools & high end softwares like CATIA VS, UNIGRAPHICS, IDEAS & ANALYSIS SOFTWARES, CAE ANALYSIS, SOLID MODELLING. Technico has capability to design & simulate the most optimum components with finer details. The progressive Tools are designed & manufactured in In-House Tool Room. Technico believes in providing the customer best of Technology & Quality at affordable cost. Every customer is given fullest attention & with fleet of its own trucks delivers the parts to its customers round the clock well within the delivery time fixed by them. Quality is a parts of routine at TECHNICO, To achieve the highest standard & regular check of the parts at every stage bring smooth & uninterrupted manufacturing of assemblies strictly following customer's standards. Continuous improvement in its manufacturing process is done by using KAIZEN, 5S, POKA YOKE, LEAN MANUFACTURING SYSTEM.

We won ACMA Awards 2014 trophy in (Excellence In Technology) as we have good manufacturing facilities, focus on continuous improvement and qualified work force. Applying for ACMA Award itself is a honor as we have achieved certain levels of excellence which can be reviewed from a global perspective and align our company to current industry worldwide benchmarks. ACMA provides our company an opportunity to find our gaps & allow us to correct it to move to next level.

Gold Award

Sellowrap Industries Pvt. Ltd., Gurgaon



Saurabh Poddar
Managing Director

SELLOWRAP
Industries Pvt. Ltd.

Our Customers



Manufacturing : Processing of entire range of Foams Parts, Door protective PE films, Vacuum Formed parts, PVC Patches and Plastic molded components.

Best shop floor practice: Daily Red Bin Analysis, Monthly process measures displayed and 5S Audit

Unique features: Daily 4M Change management monitoring and Maintaining fast track board for customer complaints.

Technology : In-house Testing Lab and PSA technology developed.

Morale and Employee Involvement : Kaizen Scheme, Training for upgradation with Process & Defect detail, Suggestion scheme & awards.

We won ACMA Awards 2014 trophy in (Productivity and Quality for small Scale Category).

We have excellent manufacturing facilities with low cost automation concepts and continuous activities on yield is implemented and defect free parts are produced.

Ergonomically designed machines and processes.

Talented and motivated team, updated through continuous training.

A good operating systems using SMED, Poka Yoke and 5S system.

Material storage and handling is monitored regularly to maintain the system.

All Plant related documentation is displayed at respective locations.

Customer satisfaction is monitored by customer survey forms & interaction.

Continuous work for Innovations like development of PSA technology, Automatic Vacuum Forming and Multi-stage half cut Machines.



Film Parts

Vinyl Patches

Molded Part

Development of PSA technology



Traditional Method



Innovative Method



In house Lab testing facility



Training Gallery



Performance Monitoring Board



Kaizen Gallery



4M Change Management Board

Silver Award

Bohra Rubber Pvt. Ltd., Faridabad

Shailendra Bohra
(Director)



Product



Mother Plant

The company manufactures extruded rubber components (Cabin sealing systems like Door seals, windshield seals, Flocked rubber profile, deck lid seals, low gravity sponge insulation sleeves), moulded rubber components (grommets, bellows, dust covers, rubber seals etc) and assembled rubber components.

Bohra Rubber is part of the Bohra Group that has been existence since 1924 and is one of the very few companies to be equipped with state-of-the-art integrated extrusion and moulding facilities to cater to the automotive OEM and Tier-1 companies. The company is TS 16949 certified since 2002. It has a Technical collaboration with Hiroshima Kasei Ltd. Japan, for the manufacturing of extruded rubber components that are used as cab sealing systems in the Car, Truck and Bus industry. Our strength lies in our strong Quality Control and assurance systems. The company has continuously endeavoured to build a work culture in the organization such that 'Quality of product and processes' remain the prime guiding factor and a top priority.

We won ACMA Awards 2014 trophy in Quality & Productivity (Small) as we have made huge investments in nurturing and optimizing the resources available within our organization, specially focused on our manufacturing facility. In the last 2 years a special focus has been laid to undertake leap improvements in our processes with specific focus on improving their efficiency and effectiveness. Automation in various departments has been one of the important steps that has been taken to ensure that there are quantifiable and

verifiable improvements in the processes so as to reduce direct and indirect cost inputs and increase efficiencies. This has led us to have a very efficient and state of the art processes assisted by the technically advanced equipment on our shop floors. Our most important resource in bringing about these positive changes has been the 'Human Capital'. Our team has cohesively worked with each other in the same direction towards a common goal of increasing efficiencies of all processes. Customers' input have also been very helpful in identifying the areas of improvement. In our organization, we endeavour to implement as many suggestions as possible given by our customer as they can positively contribute to increasing our processes' effectiveness. As customer is your best critic, it helps the organization gain customers' confidence, improve your processes and bring overall improvement in the organisation's functioning.

ACMA Awards Process greatly helped us getting a perspective on the efficiency of our processes and the changes that we have made over the last few years. The overall assessment process is such that it reflects the effectiveness of the changes that the organization has brought in over the last few years. It helps you understand the link between the quantifiable deliverables and process up-gradation/changes made by the organization. Thus it becomes a very effective tool to measure if we have genuinely made some gains from the changes/up-gradation that have been undertaken. It acts as a genuine learning process.



Extrusion Facility



Rubber Injection moulding lines



Well equipped Lab

Excellence in QUALITY & PRODUCTIVITY - Small

Certificate of Recognition
Devilog Systems (India), Bangalore



Raj Thukral
CEO



DSI – MAIN PLANT LOCATED IN BANGALORE

Engaged in Manufacturing of Diesel Fuel Filters & Oil Filter assemblies, Die Casting & Tool Room division, Supplying leading OEMs through Bosch.

Devilog Systems India (DSI) has been a pioneer in manufacturing and supplying Diesel filters both for conventional and Common rail engines for past 30 years. The Plant has most advanced automated assembly setup that follow lean manufacturing



Manufacturing 1 Million Diesel Filters each year to support leading Automotive OEMS.

practices to produce around 1 million products annually.

We won ACMA Awards 2014 Certificate of Recognition in quality and productivity as we have excellent Manufacturing Facilities, committed and highly skilled employees, Process oriented operating systems, excellent material storage and handling facilities, excellent safety norms, good plant upkeep, superb documentation, greatest ever Customer satisfaction approach.

“ACMA Awards process is good disciplined approach to find out how best practices are followed to produce world class and defect free products in the organization. The process has helped us to adopt best modern manufacturing techniques and provide the superlative Q-C-D product to our clients”.



CII Award for SME CLUSTER -2009



Award for valuable contribution and support from Bosch AA -2013

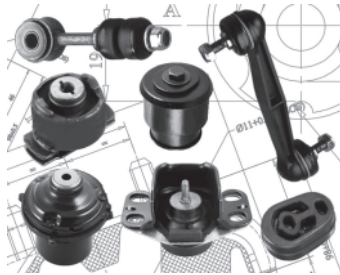


5-S Practices visual displays in the factory



Certificate of Recognition**Stork Rubber Products Pvt. Ltd., Gurgaon**

Products : Engine Mounts, Transmission Mounts, Hydraulic Mounts and Bushes, Strut Mounts, Exhaust rubbers and hangers, Anti Roll bar bushes, Control arm bushes, Misc rubber Molded parts, Stabiliser Links.



Exports to Customers in over 40 countries including: UK, USA, Sweden, Denmark, Belgium, Italy, UAE, Israel, Germany, Holland, Australia, South Africa,

Our Domestic Customers Include: Royal Enfield, Gabriel, Sona Steering, JTEKT, PHA India Pvt Ltd. OH Talbros, Rane Madras.

Stork Rubber was set up in 1995 with the objective of manufacturing and exporting automotive parts, particularly rubber molded and rubber to metal bonded parts from India.

From a humble beginning the company is today based out 3 factories in Gurgaon, Sitarganj and Chennai with state of the art manufacturing and testing equipment.

The exports of the company's products have been a testimony to the ever improving standards of quality and production as well the quick response time for

development of new range items as well as technologically advanced parts like complex control arm bushes, hydraulic bushes and Engine Mounts.

The plants at Gurgaon and Chennai are TS 16949 certified and the Gurgaon plant is also ISO 14001 & OHSAS 18001 certified with Chennai and Sitarganj in the process of obtaining these certifications.

Stork has adopted best in class practices. 5S, TEI are a integral part of our work environment and we are now on the path to achieve TPM.

With our own in house tool room and metal stamping unit we are well placed to respond quickly to customer needs and our Engineering and Development team develops almost 20 new parts for OE, Tier 1 and After Market customers.

ACMA Award for Quality and Productivity recognizes our efforts and strengthens our resolve to further excel.

The award process itself has been a very enriching experience right from the manner in which the application was submitted, the detail required to make this application and the screening and audit which was then carried out. Not only was the screening a good experience but in many ways this itself has brought forth some new ideas and improvements for our company.



Excellence in QUALITY & PRODUCTIVITY - Large

Gold Award

Nipman Fastener Industries Pvt. Ltd.
Haridwar



Pravin Malhotra
CMD



We are Manufacturing High Tensile Automotive Fasteners for Automotive & Auto Component Industry. We are Tier 1 supplier to Leading OEMs in India and their supply chain partners / component manufacturers.

The Plant / Manufacturing facilities have been designed as per the Lean Manufacturing Philosophy

using State of Art Technologies and Best Shop Floor Practices. The company has a strong philosophy of employee empowerment for continuous improvement in various performance areas of plant management & customer satisfaction. The company has never lost a customer after a shop floor visit at Nipman.

We won ACMA Awards 2014 trophy in (Excellence in Quality & Productivity (Large) as our Plant / Manufacturing facilities are practicing Lean Manufacturing Philosophy and has achieved high level of Productivity and Quality performance. Customer evaluation by Hero Motocorp Ltd., Haridwar for FY 2013-14, where in Nipman has ranked in Top 20 suppliers out of 356 suppliers (No. 1 position in Two months) throughout the year. This record continues in the FY 2014-15.

ACMA Awards Process is a Bench Mark to identify the Plant status, Gap analysis and Improvement to reach and sustain global standards in manufacturing practices. Also Nipman participates regularly in the Award process to develop Employee and Leadership within the company.



Engine Cylinder Studs

Studs



Csk Screws



Flange Screws / Bolts



Flange Screws / Studs



Hex Screws / Bolt



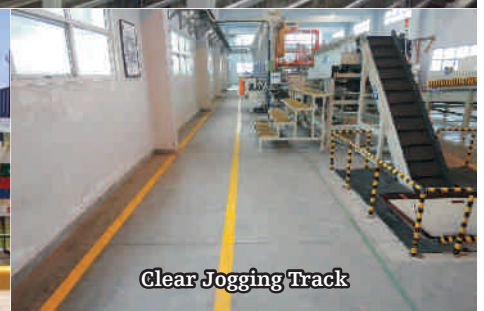
FIFO, Tools & Die Store



Systematic arrangement of Material ready for Despatch



Plant Information Center



Clear Jogging Track

Silver Award

Neolite ZKW Lightings Pvt. Ltd.
Bahadurgarh



Rajesh Jain
(CMD)



Products: Head Lamps, Tail Lamps, Work Lamps, Cabin Lamps, Fog Lamps etc for Passenger and commercial vehicles.



Customers : Volkswagen, General Motors, Tata, Piaggio, TMTL, VECV, M&M, JCB etc.

Single point entry into Manufacturing Area by walk through air shower to prevent dust in the manufacturing environment. Moulding shop is equipped with 18 Nos. moulding machines ranging from 80 Ton to 1360 Ton. UV cured, Robotic spray Hard coating Plant in Clean Room environment (10,000 Class) for PC Lenses with integrated

annealing oven. Evaporation type Vacuum Metallization plant along with Plasma cleaning and HMDSO Polymerization. Robotic glue dispensing in assembly lines. Flexible & dedicated semi-automatic assembly lines are installed as per customer requirements. Created a real time learning centre where all the Production associates will be trained for their role. Our Photometry lab is approved by RDW (Netherlands) and IDIADA (Spain). Air conditioned canteen facility is available inside the plant for both staff and Blue collars.

We won ACMA Awards 2014 trophy in Quality and Productivity (Large) as we have world Class Manufacturing Facilities with robotic gluing, Extensive use of Poka-Yoke for process control, Air-conditioned manufacturing environment, excellent 5's, High level of customer satisfaction, Strong R&D and Focused Management approach. We also won Best quality Award from Volkswagen.

ACMA Awards Process is excellent with new idea of Online Application filling and submission. It was a great experience. The entire award process helped us a lot to improve in all functions such as Quality, Productivity, Customer satisfaction, Employee involvement etc.



Best Quality Performance Award from Volkswagen



Model Line Improvement from 14 Manpower to 5 Manpower



High Quality Injection Moulding Shops



Excellent Canteen facility for All Employees

Excellence in QUALITY & PRODUCTIVITY - Large

Bronze Award

Delux Bearings Ltd. (Plant-1), Wadhwan



Kirti Rathod
Managing Director



We introduce ourselves as India's largest manufacturer of Clutch Release Bearings for Cars, Commercial Vehicles, Trucks & Tractors.

Our product range includes Clutch Bearings, Angular Contact Plain Spherical Bearings (for Heavy Commercial Trucks), Spherical Roller Bearings, Forklift Bearings (Mast Bearings), Medium size Ball Bearings, Suspension Parts, Eaton Bushes for Heavy Duty Trucks. Our OEM customers in India: Eicher Volvo – Commercial Trucks, Force Motors (MAN Germany), Mahindra & Mahindra (Navistar), Leyland, ZF Steering. Our products are exported to Germany, Italy, Mexico, USA and Brazil. Our plants are ISO/TS 16949 certified.

We have won several awards for Productivity, Exports, Kaizen, Safety from Mahindra, Rane, Gabriel and ACMA in 2011-2014.

Passion to innovate is key inspiration. This has helped us to produce 100 + Bearings for OEM applications. We have 130 Channel Partners distributing to PAN India.

Key focus of Delux is new product development, continuous improvement and employee involvement.

Customer focus: We have 100% SOB of 3 OEM customers for Delux range of Clutch Bearings.

Nil royalty payments.

Innovation: For 1 customer we have developed 6 Clutch Bearings from black box.

Productivity performance: 52% operators handling

more than 1 machine.

Inventory management – ITR improved

Cost performance: Value addition/employee cost increased.

Employee engagement: Training & SGA have shown tangible & intangible results.

Safety – 891 days accident free in 1 plant.

Environment Management: Waste water is filtered for utilities & gardening. We have zero pollution.

We won ACMA Awards 2014 trophy in Excellence in Quality & Productivity (Large) as we have excellent manufacturing facilities, talented people, good operating systems, material storage and handling, plant upkeep, documentation, customer satisfaction and innovations.

Poka Yokes & LCAs are being implemented, Nil customer returns, 100% rating for customer audit of quality systems, Reduction in In-house rejection ppm & In house rework ppm, Zero warranty, For 3 items we have 30% reduction in material travel & manufacturing cycle.

ACMA award process has a well-structured methodology of initial assessment and site diagnosis. Going through the process of assessment has motivated the employees in taking initiatives for improvement. Learning received during the diagnosis process will help us in further improving our systems which will be one more step in our journey of moving towards "world class manufacturing" company.



Grinding Shop



CNC Shop



Automatic Assembly



Heat Treatment

Gold Award

Bosch Ltd., Bangalore**Dr. Jens Deuster**Vice President, Technical
Plant Management**Gopikumar A**Vice President, Commercial
Plant Management

Bosch has been present in India for more than 80 yrs – 1st through a representative agency in Calcutta since 1922, and from 1951 through its subsidiary Bosch Ltd. (then Motor Industries Company Ltd.).

Robert Bosch GmbH holds 71.18% stake in Bosch Ltd. The Company is headquartered in Bangalore. Its manufacturing facilities are located at Bangalore, Naganathapura, Nashik, Jaipur and Goa. These plants are TS 16949 and ISO 14001 certified. Bosch Limited has its presence across Automotive Technology, Industrial Technology, Consumer Goods, and Energy and Building Technology. It manufactures and trades products as diverse as diesel and gasoline fuel injection systems, automotive aftermarket products, auto electricals, special purpose machines, packaging machines, electric power tools, security systems, and industrial and consumer energy products & solutions. It earned revenue of over 8,600 crores in 2013.

The company has developed excellent R&D facility and a strong customer base. It has a strong presence in the Indian automotive services sector, with networks spanning across 1,200 towns and cities with around 3,050 service outlets. Apart from this, the company has a strong automotive training network that spans over 14 cities.

Bosch Ltd., Bangalore, is a pioneer in Diesel System technology in India since 1951. Starting with our first offering of Inline pump we have developed numerous cutting edge technology products for Indian market. Various systems and products are :

Multi-cylinder injection systems : Inline pumps, Mechanical injectors, Elements and delivery valves, Feed pumps, Governors.

**Bosch India Corporate Office, Bangalore****Common Rail Mfg. Facility, Bangalore**

Common rail injection systems: High pressure pumps (Electronically controlled), Common rail injectors, High pressure rail

Diesel start systems: Glow plugs : 4, 5 and 6 diameter metallic glow plugs for Euro II, III and IV engines

- High-speed ceramic glow plugs for Euro V and VI engines

Glow control unit - Micro processor and transistor-based

We are the "Preferred supplier" to most of the OEMs

Common Rail Diesel Systems : The Common Rail technology at Bangalore started with the mfg. of Common Rail Multi cylinder pump in 2006 and has since included Single Cylinder Common Rail pump and Rail for the system. Our major customers include Maruti, Mahindra, TATA, Fiat and GM.

We use leading edge technologies like swaging, single pass honing, robotic deburring and painting, vision systems, eco-friendly cleaning, intelligent auto screwing stations for high precision assembly etc. Bangalore Plant is aggressively implementing lean manufacturing. Computerized testing equipments are used for final checking of our products. We won ACMA Awards 2014 trophy in "Excellence in Manufacturing" as we have various organizational strengths, i.e : Inspiring leadership, Systematic Strategy management process aligned to vision-mission.

Lean implementation: System CIP (Continuous Improvement) approach, KPI tree (Key Performance Indicator), Best in class manufacturing technologies to deliver high quality products.

Customer orientation: Satisfaction survey, Pre and post sales service, pull projects, Adherence to Processes and systems.

High employee involvement: Lean implementation, Shop Floor CIP, Poka-Yoke, Suggestions and Best in class EHS management practices.

ACMA award process has enabled us to understand the subtle gaps in our process and systems that helps us to improve maturity in manufacturing and overall organizational excellence.

**PRODUCT RANGE
COMPLETE LIGHTING SOLUTION
PROVIDER TO OEM**



Fairing Assembly



Fender Assembly



Head Lamp Assembly



Tall Lamp Assembly



Blinker Assembly

CUSTOMERS



Plant :
Plot No. 12, Sec. 10, IIE SIDCUL,
Pantnagar. 263153
Dist: US Nagar(Uttrakhand)
Phone: 09997192127,128
Web: www. lumaxdk.com
Head Office:
B 85 &86, Mayapuri Industrial area
Phase I, New Delhi 110064 (India)
Phone: 011 28111777,28116990
Fax no: 011 28115779
Web: www. lumaxdk.com

**PRODUCT RANGE
ACCESSORIES DIVISION**



Body Side Moulding



Bumper Corner Protector



Exhaust Finisher



OSRVM Blinker



Door Visor



Puddle Lamp



Mood Light

FACILITY:

33 Nos. of Plastic Injection moulding Machines ranging from 80Ton to 750Ton
Hardcoat machine for transparent coating on Head Lamp Lens
Metalizing Machine for aluminium coating on Reflector surface
Paint shop Process for painting ABS Plastic component
Assembly process for assembling all part for complete lighting solution

TECHNOLOGY:

Automatic Ultrasonic Welding Process & Vibration Welding Process
Conveyorize Assembly Line
Over head Conveyor for Material Handling
Over head Conveyor for Finished good

AWARD:

ISO 14001 & OHSAS 18001 certify Company
JIPM TPM Excellence award winner Company
BAJAJ TPM award & Bajaj TPM Excellence award winner Company
Received Customer Quality Bronze, Silver, Gold Award
Received ACMA Gold award for Quality & Productivity
Received ACMA Silver award for Manufacturing Excellence

AWARDS:



Silver Award

Lumax DK Auto Industries Ltd.
Pantnagar



Anmol Jain
MD



Lumax DK is brand in Automotive Lighting, Head Lamp, Tail Lamp, Blinker, Parking Brake, Plastic Injection Trim Parts, ABS Painted Part etc for almost all Indian OEMs.

Oldest company since 1945, 03 R&D Centres (Gurgaon, Manesar & Pune), Approx 7000 nos. work men strength and above 60% Market share in Automotive Lighting Products.

Lumax DK introduced the best available Technology machine/equipments to produce the Quality Lamp at low cost. Lumax DK has Specific customers & dedicated Conveyor for each assembly & Finished goods conveyor to meet customer production and

Delivery. Provides training at all associate levels to make each employee multi skilled. Conducts, time to time, Employees satisfaction survey. Plant Received JIPM TPM Excellence & BAL TPM Excellence award & is working on TPM.

Manufacturing facilities : are Injection Moulding, Metalizing , Hard coat, Manual Top coat, Paint shop, Lamp Assembly with Robotic adhesive application, Leak Testing, Light Testing, all Conveyerzed Assembly Lines, Material handling through Over head Conveyors, Automatic Ultrasonic welding & Performance -Reliability Testing Lab etc.

We won ACMA Awards 2014 trophy in Excellence in manufacturing as we have World Class Manufacturing Facilities, best innovated operating & Manufacturing System, Systematic material storage and handling, plant upkeep, documentation and we have highly Motivated & Multi skilled Team.

ACMA Awards Process is supporting to improve the manufacturing process by providing inputs at different levels & Documentation methodology towards excellence.



Paint Shop



Multi Model : Conveyerized Assembly



FG Over Head Conveyor

Excellence in MANUFACTURING

Silver Award

Subros Ltd., Manesar



Shradha Suri Marwah
Managing Director



DM Reddy
President & CEO



Subros Limited, founded in 1985 as a joint venture public limited company with Denso Corporation & Suzuki Motor Corporation. Subros 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 assembly operation, to the largest & only integrated manufacturing unit in India for Auto Air Conditioning systems. Subros manufactures Compressors, Condensers, Heat Exchangers and all connecting elements required to complete AC loop and caters to all segments viz. Passenger Vehicles, Buses, refrigerated trucks, & new developments for off-roaders, HX & Railways. Subros has manufacturing plants at Noida (2 No.), Manesar, Pune, Chennai and Sanand with an annual capacity of 1.5 Million AC kits per annum besides a well equipped R&D Center & Tool Room at Noida.

To meet higher level of Customer Expectation in all respect Subros has setup in-house facilities for all critical Processes like Integrated Tool Room for Mold & tool Design & development, R&D Test Lab with Component Calorimeter, Wind tunnel, NVH Chamber etc.

The focus of manufacturing department at Subros is achieving excellence in all aspects of PQCD/SME through compliance of Control Plans & operational Procedures. This is achieved through high level of Employee involvement activities backed by strong DOJO training cell. Few unique initiatives taken over

last 2 years are : Monozukri, 3X3 Activity, DD20, ABC Costing.

In Technology Subros has developed Auto Air Conditioning System which is Lesser in Weight & Higher in efficiency with "Zero defect & "ZERO EFFECT TO ENVIRONMENT"

We have been recognized through our esteemed customer (MSIL) with Gold Trophy for overall excellence over last 7th Consecutive Year's. For last 29 years No-1 Auto Air conditioning system manufacturer in India. Every year - Innovation in Product & Technology to give Higher values to Customer.

We won ACMA Awards 2014 trophy in (Excellence in Manufacturing) as we give Higher Priority for our vendor's development & VA/VE benefits to our Customer including running of clusters at vendor end for QCD Improvement. Automated Retrieval System used for higher value parts/spares storage & reduce person fatigue for spare parts retrieval.

Centralized document & data storage system (AQUA PRO & TEAM CENTRE) used. Vendor Intranet, Employee Knowledge management for easy accessibility, structured training program from entry level to all levels for skill & capability level of employees.

ACMA Award Process is helping to improve existing level of manufacturing competitiveness enhancement of Quality Standards & improved QCD & Profitability wrt global standards. Also helps for horizontal deployment throughout the plant.



Subros Reception



Safety Awareness



Shop Floor



Defect Display on Floor

BHARAT FORGE



Our world is getting bigger...

We're building India's economic backbone, strengthening national capabilities and ensuring a bigger global imprint - for ourselves and our country.

At Bharat Forge, we're continuously expanding our horizons. Exploring new vistas, setting new goals, creating new paradigms. Always evolving – from a leading auto-component supplier to a world class technology driven engineering company, from the auto-component sector to critical verticals such as Energy, Oil & Gas, Rail & Marine, Aerospace, Construction & Mining and other infrastructure related businesses.

Automotive | Power | Wind | Oil & Gas | Rail & Marine | Aerospace | Construction & Mining

Bharat Forge Limited, Mundhwa, Pune - 411 036, INDIA, Tel: + 91-20-67042777,
Email: info@bharatforge.com Website: www.bharatforge.com, www.kalyanigroup.com

Bronze Award
Lucas TVS Ltd., Puducherry



We are a branch of traditional and cultural TVS tree. Established in 1961, with revenue of \$165 Mn (Excluding JVs). It was originally a JV with Lucas Plc, UK – now wholly owned since 2001. Lucas – TVS has 7 plants in India with its mother plant in Chennai with 2700 employees.

Lucas – TVS Limited, Thiruvandarkoil Division was established in the year 2006. Lean Manufacturing and TQM are practiced over here. We manufacture Solenoid Switches, Wiper motors and Blower motors. 75% of the work force is women employees. We are ISO TS 16949: 2009, OHSAS 18801 and EnMS ISO 50001:2001 certified company.

Lucas – TVS, TV Koil division is multifaceted, multi skilled dynamic unit which consistently tastes the high levels of productivity with quality in all means through the plat form of Total Employee Involvement activities such as SGAs, low cost automations, bench marking achievements in productivity and quality, Excellence in adding value to customers using contemporary technologies and creative skills with the involvement of employees, suppliers and our partners.

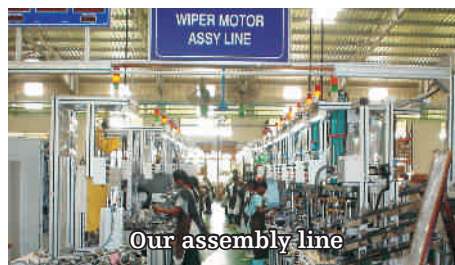
Cost savings, innovations, implementations and consistency in winning state, regional and national awards in SGAs have contributed to the growth of the organization in terms of productivity and quality.

Excellent 5S in shop floor, traditional practices and good practices such as sun rise prayer, sun rise meetings, spot awards, gangway awards, ENT(enjoy noon time games), Master Maker Graduation, Quality Improvement Team activities, Suggestion awards motivated the employees to achieve extraordinary results and continual improvements.

We won ACMA Award 2014 trophy in manufacturing excellence as our team of workforce executed strong commitment and confidence towards 100% participation in achieving targets in all the areas of Manufacturing and customer satisfaction.

The process of ACMA Awards gave a chance to study ourselves. It helped us to consolidate our bench marks in all the areas such as Manufacturing, Quality, etc. and expose the same to the external world. As the recipient of this award, we would like to express our sincere thanks for the tremendous support extended by the ACMA Team and juries for appreciation and acknowledging our Team performance. We would also ensure that we will take this as an opportunity to grow further in Manufacturing Excellence and be a Global company in coming years.

Once again we thank you all for your valuable support.



Excellence in MANUFACTURING

Bronze Award

Pranav Vikas India Ltd., Palwal



K. Srinivas

Executive Director



A leading manufacturer of Aluminum Heat Exchangers for Automotive Air conditioning and Engine Cooling requirements. Product portfolio includes: Evaporators (Cooling coils), Heater Cores, Radiators and Oil Coolers.

Pranav Vikas is serving leading Global and Indian OEMs, major customers are: Sanden Vikas (serving Maruti Suzuki, Tata Motors, Mahindra and Mahindra), Bajaj Auto, Hero Motocorp, Kawasaki, Greaves, Lombardini, Sanden Indonesia and Europe.

Manufacturing facility at Palwal is one of the best heat –exchanger manufacturing plants in the country, deploying numerable best practices related to manufacturing excellence. The facility is equipped with CAB (Controlled Atmospheric Brazing) Furnaces. Fully Automated Evaporator Surface treatment line provides Chrome free Anti-Corrosion treatment and anti bacterial Hydrophilic Coating. Computerized Helium Leak detection systems



Aluminum Heat Exchangers

ensure zero leak heat exchangers delivered to customers. The facility is ISO/TS 16949, EMS 14001 & OHSAS 18001 Certified. A strong Design & Development team, together with complete Testing & Validation facilities has enabled Pranav Vikas develop new products for various applications and market segments.

We won ACMA Awards 2014 trophy in Manufacturing as we have a State of the Art Manufacturing facility. The manufacturing processes are integrated with on-line quality equipments and Poka Yokes to ensure the quality is built into the process. Excellent operating systems coupled with disciplined review and correction mechanism ensures product integrity. A strong focus, capability development, building a culture of Challenge & Innovation and thriving for execution excellence is helping Pranav Vikas achieve its growth aspirations and maintain leadership position.

ACMA awards process has provided Pranav Vikas an opportunity to critically review the manufacturing systems and practices. The performance criteria and the parameters assessed address each and every aspect of plant operations. Going thru this process has helped enhance focus on areas requiring improvement.



Fin Forming M/c



Helium Leak Detection system



Furnace



Brazeability Check M/c

Bronze Award

Rane Brake Lining Ltd., Trichy



P.S. Rao
President



Design and Manufacture and Supply of Passenger Car Disc Pads Passenger Car Brake Lining and Heavy Commercial Vehicle Brake Lining.

Customers: Brakes India, Foundation Brakes Mfg. Ltd.

General: Manufacturing asbestos free Passenger car disc pads, Linings & Heavy commercial vehicle brake lining, First Friction company to win the Deming Grand Prize in 2013, Audited and approved by Honda and Toyota Motor Corporation, Japan

Technology: Entire manufacturing processes linked with Quality traceability system (integrated with existing ERP system), Quality traceability system captures complete product genealogy through invoice number, Usage of RFID technology as part of quality traceability system and validate grade versus process parameters before start of process, Poka-yoke for critical process parameters, High technology machines in plate preparation process to ensure zero distortion of back plates, High technology walk-type scorching machine to ensure good field performance

Culture / TEI (Total Employee Involvement) : 'Gurukul' training system (unique custom built) with 15 days residential program as part of induction and training, Morning exercise with energy booster 'Daily Oru Thirukural'(to impart value education), 100% Total employee involvement in suggestion & QC circle, Highest EOS (Employee Opinion Survey) score among the Rane group companies,

GPTW (Great place to work) score – 84% . Higher than India top 50 companies average. RBL stands third place among auto components manufacturers in India

ACMA Awards : We won ACMA Awards 2014 in Excellence in Manufacturing as we have, Clear vision, Mission and strategy (with policy deployed to cell leader level), High level of motivation & High level of employee satisfaction (Bench mark score in EOS & GPTW), Excellent world class manufacturing facilities, Lean manufacturing frame work covering TPM, SPC and linked to goal achievement, Practicing Kaizen for continuous improvement, In process rejection –Global bench mark, Single digit PPM in customer line return, Good material storage and handling system (Custom built unique material handling system), Maintaining highest standards of 5S system (won 5S award two times from QCFI), Won Brakes India customer awards (Overall performance category & Best Kanban implementation in 2014), Won ACMA Manufacturing Excellence Silver trophy in 2013, Gold certificate from IMEA in 2014.

ACMA Awards Process helped us to focus on the following areas:

- Study the market out performance
- Theory of constraints application in after market
- Focus NPD sales target
- Advanced 5S implementation in shop floor



World class facility for friction material mixing



Raw material storage system (Computerized with bar code system)



High Technology machines (Meeting world class standards)

9th National Quality Circle Competition

The 9th National Quality Circle Competition was successfully organized on 23rd August 2014, in Bangalore, in which regional winners contested for the 1, 2 & 3 national positions. An eminent Jury, comprising experts from OEMs adjudged the presentations made by the regional winners (Total 151 teams competed). Following was the Jury Panel :

- Mr Shalender Jad, Manager – Purchase, Honda Cars India Ltd.
- Mr R M Chokkalingam, AGM – OPNS Planning & TPM Co-ordinator, TVS Motor Company
- Mr Tabrez Ahmed, Deputy GM – Manufacturing Transmission, Toyota Kirloskar Auto Parts Pvt. Ltd.

Winners of 9th National Quality Circle Competition are: National Winner for Year 2013-14

“Jagriti” Quality Circle Team from Motherson Sumi Systems Ltd., Noida

The company is into assembly of Wiring Harnesses. Project selected by the QC Team was “ To Reduce Length Variation in ALTO K10 ENGINE W/H ”

The team has systematically used 7 QC Tools to find out the root cause.

Various counter-measures implemented, have resulted in following:

- Achieved – 95% reduction in “Branch Length Short”.
- Total Branch Length Short – PPM reduced by 95%.
- Achieved Rework Cost Saving of INR 12,240 p.a



Maya- Associate (Team Leader), Seema - Associate (Member), Deepmala - Associate (Member), A. Janifer -Associate (Member), Anubhav - Associate (Member), Vijit Chandna - Engineer (Facilitator), Vaishali Vashistha - HR Executive

“RBB Glitters” Quality Circle Team from Rane Brake Lining Ltd., Ambattur, Chennai

1st Runner Up

The company manufactures Brake Linings, Clutch Facings, Disc Pads, Composite Brake Blocks and Sintered Friction Materials.

The quality problem selected by the team was “High thickness oversize rejection RBL/CB/124 part no.”

Efforts of the team resulted into:

- Process capability improved from 0.49 to 1.43
- Cost saved by 1.2 lac p.a.
- Horizontally deployed to part number: RBL/CB/142



Mr Chandru - Team Leader, Mr Jayakumar - Team Member, Mr Jayaprakash - Team Member, Mr Milkis - Team Member, Mr Janarthanan - Team Member, Mr Gowrishankar - Facilitator

“Tejeshwi ” Team from Yazaki India Ltd., Rudrapur

2nd Runner Up

The company's product line-up includes electrical cables, meter and auto instruments, gas equipment, air-conditioning, and solar-powered systems.

The Quality project of the team was “95% reduction in Damage Fuse”.

After applying various QC Tools, the team has achieved the following:

- 97% reduction achieved in Damage Fuse against target of 95%.
- Time Saving of 13869 minutes annually
- Cost Saving of INR 2.15 lac p.a.



Mr Deepak Singh - Facilitator, Ms. Sushma Behl - Team Leader, Ms Sonika Chaudhari - Team Member, Ms. Saravjeet Kaur - Team Member, Ms. Loverpreet - Team Member, Mr Ravi Ahmad - Team Member

To Recognize the outstanding contribution of the associates, the QC Circle Team, which won the First position in the National QC Competition is invited to the ACMA Annual Session for receiving the Trophy from the Chief Guest.



Regional QC Award Winners - 2014

Northern Region

- 1st Position - “Jagriti”, Motherson Sumi Systems Ltd., Noida
- 2nd Position - “Tejeshwi”, Yazaki India Ltd., Rudrapur
- 3rd Position - “Samarth”, Minda Industries Ltd. (Switch Division), Manesar

Western Region

- 1st Position - “Agnipankh” - Lumax Industries Ltd., Pune
- 2nd Position - “Initiators” - Minda Industries (Lighting Division) Pune
- 3rd Position - “Young Star” - Yazaki India Ltd., Ahmedabad

Southern Region

- 1st Position - “Trend Setters” – Rane TRW Steering Systems Ltd., SP Koil
- 2nd Position - “Trishul” - Sundaram Clayton Ltd., Hosur
- 3rd Position - “RBB Glitters” – Rane Brake Lining Ltd., Ambattur
- 3rd Position - “Surya” – WABCO India Ltd., Ambattur