CHAPTER 4 – PROFILE OF THE COMPANIES

Contents:

4.1. Introduction

4.2. Company Profile

4.2.1. M/S SKF Bearings Limited. (India)
4.2.2. M/S Tata Motors Limited
4.2.3. M/S Force Motors Limited
4.2.4. M/S Ranvik Engineers
4.2.5. M/S Hytech Engineers Pvt. Ltd.
4.2.6. M/S S.S. Engineers
4.2.7. M/S Virgo engineers limited
4.2.8. M/S San Enterprises
4.2.9. M/S Devchhaya Industries
4.2.10. M/S Canto Engineering Company
4.2.11. M/S Nirmiti Stampings Pvt. Ltd.
4.2.12. M/S Autoline Industries Limited
4.2.13. M/S TAL Manufacturing Solutions Ltd (TAL)
4.2.14. M/S V-Teck Engineers

4.3. Summary
CHAPTER 4 – PROFILE OF THE COMPANIES

4.1. Introduction:

As proposed the researcher has surveyed selected industries in Pimpri-Chinchwad industrial area. The total 398 respondents are spread over 14 companies. The respondents are the workers from medium as well as large scale industries. Out of these 14 companies 10 are medium scale companies with more than 100 and less than 500 workers. Other 4 companies are large scale industries with more than 500 workers. The information of these companies for the purpose of this research is as given below.

4.2. Company Profiles:

While going through the profile of the below mentioned companies the main focus is on the type of the industry, number of workers and turnover of the company.

4.2.1 M/S SKF Bearings Limited. (India)

<table>
<thead>
<tr>
<th>Name</th>
<th>SKF Bearings limited.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year of Establishment</td>
<td>1923</td>
</tr>
<tr>
<td>Address / Contact</td>
<td>SKF India Limited, Chinchwad, Pune-411 033,</td>
</tr>
<tr>
<td>Details</td>
<td>TEL: +91 20 – 66112500, FAX: +91 020-27473822</td>
</tr>
<tr>
<td>Type of the Industry</td>
<td>Large Scale Industry.</td>
</tr>
<tr>
<td>No of Workers</td>
<td>1,915 workers.</td>
</tr>
<tr>
<td>Turnover</td>
<td>Rs. 1600 Crores.</td>
</tr>
</tbody>
</table>
Other information:

SKF India is a part of the SKF Group, the leading global supplier of rolling bearing and seals. Along with a varied range of products it also offers extensive solutions and services in this area. SKF also has an increasingly important position in the market for linear motion products, high precision bearings, spindles and spindle services for the machine tool industry, electrical actuators, actuation systems and is an established producer of rolling bearing steel. SKF India delivers high end technical knowledge starting with self aligning ball bearing, spherical roller bearing, the hub bearing units that are widely used in cars & truck wheel ends in addition to the new and latest revolutionary CARB bearings that find specialized application in steel plants & paper mills. In fact the company domestically manufactures around 60 sizes of deep groove ball bearings, 70 sizes of taper roller bearings, textile machinery component in addition to catering the needs of automobile, electrical & industrial OEM and aftermarket customers. Through our wide product range we satisfy the needs of our local market, providing a bearing for any and every conceivable application.

SKF India's associate company, SKF Technologies (India) Pvt. Ltd. a wholly owned subsidiary of AB SKF, Sweden, offers customers complete sealing solutions based on our leading edge technology.
### 4.2.2 M/S Tata Motors Limited:

<table>
<thead>
<tr>
<th>Name</th>
<th>Tata Motors Limited</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year of Establishment</td>
<td>1945</td>
</tr>
<tr>
<td>Address / Contact</td>
<td>MIDC Pimpri, Chinchwad - Bhosari Road.</td>
</tr>
<tr>
<td>Type of the Industry</td>
<td>Large Scale Industry</td>
</tr>
<tr>
<td>No of Workers</td>
<td>12000 workers.</td>
</tr>
<tr>
<td>Turnover</td>
<td>Rs. 92,519 crores.</td>
</tr>
</tbody>
</table>

**Other information:**

Tata Motors Limited is India's largest automobile company, with consolidated revenues of Rs. 92,519 crores (USD 20 billion) in 2009-10. It is the leader in commercial vehicles in each segment, and among the top three in passenger vehicles with winning products in the compact, midsize car and utility vehicle segments. The company is the world's fourth largest truck manufacturer, and the world's second largest bus manufacturer. The company's 24,000 employees are guided by the vision to be "best in the manner in which we operate, best in the products we deliver, and best in our value system and ethics.” Established in 1945, Tata Motors' presence indeed cuts across the length and breadth of India. Over 5.9 million Tata vehicles ply on Indian roads, since the first rolled out in 1954. The company's manufacturing base in India is spread across Jamshedpur (Jharkhand), Pune (Maharashtra), Lucknow (Uttar Pradesh), Pantnagar (Uttarakhand) and Dharwad (Karnataka). Following a strategic alliance with Fiat in 2005, it has set up an industrial joint venture with Fiat Group Automobiles at Ranjangaon (Maharashtra) to produce both Fiat and Tata cars and Fiat powertrains. The company is establishing a new plant at Sanand (Gujarat). The company's dealership, sales, services and spare parts network comprises over 3500 touch points; Tata Motors also distributes
and markets Fiat branded cars in India. Tata Motors, the first company from India's engineering sector to be listed in the New York Stock Exchange (September 2004), has also emerged as an international automobile company. Through subsidiaries and associate companies, Tata Motors has operations in the UK, South Korea, Thailand and Spain. Among them is Jaguar Land Rover, a business comprising the two iconic British brands that was acquired in 2008. In 2004, it acquired the Daewoo Commercial Vehicles Company, South Korea's second largest truck maker. The rechristened Tata Daewoo Commercial Vehicles Company has launched several new products in the Korean market, while also exporting these products to several international markets. Today two-thirds of heavy commercial vehicle exports out of South Korea are from Tata Daewoo. In 2005, Tata Motors acquired a 21% stake in Hispano Carrocera, a reputed Spanish bus and coach manufacturer, and subsequently the remaining stake in 2009. Hispano's presence is being expanded in other markets. In 2006, Tata Motors formed a joint venture with the Brazil-based Marcopolo, a global leader in body-building for buses and coaches to manufacture fully-built buses and coaches for India and select international markets. In 2006, Tata Motors entered into joint venture with Thonburi Automotive Assembly Plant Company of Thailand to manufacture and market the company's pickup vehicles in Thailand. The new plant of Tata Motors (Thailand) has begun production of the Xenon pickup truck, with the Xenon having been launched in Thailand in 2008. Tata Motors is also expanding its international footprint, established through exports since 1961. The company's commercial and passenger vehicles are already being marketed in several countries in Europe, Africa, the Middle East, South East Asia, South Asia and South America. It has franchisee/joint venture assembly operations in Kenya, Bangladesh, Ukraine, Russia, Senegal and South Africa. The foundation of the company's growth over the last 50 years is a deep understanding of economic stimuli and customer needs, and
the ability to translate them into customer-desired offerings through leading edge R&D. With over 3,000 engineers and scientists, the company's Engineering Research Centre, established in 1966, has enabled pioneering technologies and products.

4.2.3 M/S Force Motors Limited:

<table>
<thead>
<tr>
<th>Name</th>
<th>Force Motors Limited.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year of Establishment</td>
<td>1957</td>
</tr>
<tr>
<td>Address / Contact</td>
<td>Mumbai-Pune Road, Akurdi, Pune 411035,</td>
</tr>
<tr>
<td>Details</td>
<td>India. Telephone No. :+91-20-27476381 Fax No. :+91-20-27404678</td>
</tr>
<tr>
<td>Type of the Industry</td>
<td>Large Scale Industry</td>
</tr>
<tr>
<td>No of Workers</td>
<td>5,000 workers.</td>
</tr>
<tr>
<td>Turnover</td>
<td>Rs. 900 Crores.</td>
</tr>
</tbody>
</table>

Other information:
Force Motors Limited, is a Company that has reinvented itself. Four decades ago, Force Motors started production of the HANSEAT 3-Wheelers. Today Force Motors stands on the threshold of a new era in the automobile industry in India, with a stake in Five Product segments:

**Tractors - OX and Balwan** - Modern Tractors, sporting synchromesh transmission, Bosch hydraulics, excellent ergonomics and fuel efficient engines. Designed for demanding farmers of developing countries.

**Three Wheelers - Minidor**. A family of new engineered three-wheelers - economical, rugged and environment friendly - very efficient transport for people and goods.

**Light Commercial Vehicles** - Traveller and Excel range of passenger & goods carriers. Powered by a family of DI and IDI engines including the legendary Mercedes derived OM 616 engines. A range of high reliability axles and transmissions add value.
Multi Utility Vehicles - Complete range of multi utility vehicles including the Trax Judo, Trax GAMA, Trax Cruiser, Trax Kargo King, range of single cabin and double cabin pickups. And the 4X4 cross country vehicle - Trax Gurkha.

Heavy Commercial Vehicles - In technical collaboration with MAN AG, Germany, Force Motors will be introducing shortly a range of heavy commercial vehicles with a payload capacity ranging from 16 to 50 tonnes.

Areas of excellence support the market segments:

Research and Development - Using a 150 terminal CAD installation, and modern testing facilities, staffed by 400 young engineers and technicians.

Power Pack Manufacturing - State of the art facilities, for in house manufacturing of engines and transmission components.

Vehicle Manufacturing - Complete, with in-house foundry, press shops, robotised body welding, electrophoretic dip painting and high quality assembly facilities.

4.2.4 M/S Ranvik Engineers:

<table>
<thead>
<tr>
<th>Name</th>
<th>M/S Ranvik Engineers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year of Establishment</td>
<td>1975</td>
</tr>
<tr>
<td>Address / Contact</td>
<td>M/S Ranvik Engineers. S114\115 MIDC.</td>
</tr>
<tr>
<td>Details</td>
<td>Bhosari, Pune, Tele-91 20 2711283\32\33</td>
</tr>
<tr>
<td>Type of the Industry</td>
<td>Medium Scale Industry</td>
</tr>
<tr>
<td>No of Workers</td>
<td>100 workers.</td>
</tr>
<tr>
<td>Turnover</td>
<td>Rs. 75 Crores.</td>
</tr>
</tbody>
</table>

Other information:

The company is now the sole strategic supplier of the entire range of 21 types of frames for the 407 and the 709 and 909 model series as well a visit to the new 53,000 sq ft facility at Bhosari. According to company founder VM Jagtap, the entire E2 bay at Tata Motors' E block is in the process of being shifted to Ranvik. It is currently turning out 30 frames in one shift;
this would be ramped up to 300 in two shifts as Tata progressively offloads this business. Ranvik has received an RFQ for chassis frames for Tata's Y1 LCV programme, intended to replace the 407 series in the long term. It is also planning to develop front, drive, and dead axles for this vehicle starting next year. The new press shop will have large presses of 800 and 1,000 tones and will supply to automakers like Volkswagen and General Motors outside the Pune Octroi limits.

Supplies To Fiat: Tata has bought sheet metal pressings for the Tata 207 from Ranvik for the last 12 years, and it is also the sole supplier of the floor pan for the Safari. Besides Tata, it also supplies wishbones and assemblies to Fiat India Automobiles in Ranjangaon for the Palio, and is developing "sheet metal aggregates and assemblies" for the Grande Punto. It is working on an RFQ for export of press parts to Same, and according to Ranjit has been identified by Sauer-Danfoss as a source for steering column assemblies that will be integrated with the latter's hydraulic steering units for John Deere tractors and JCB backhoe loaders.

4.2.5 M/S Hytech Engineers Pvt. Ltd.:

Name
Hytech Engineers Pvt. Ltd. (EOU)

Year of Establishment
1978

Address / Contact
Hytech Engineers Pvt. Ltd. (EOU)

Details
Plot No. W238, MIDC Industrial Area, Bhosari,
Pune 411 026, Maharashtra

Type of the Industry
Medium Scale Industry

No of Workers
180 workers.

Turnover
Rs. 35 crs.

Other information:
Hy-Tech Engineers Pvt. Ltd., is today a nationwide well-known leader in the manufacture of Hydraulic Fittings and also ISO 9001:2000 certified
company, catering to almost all leading OEM’s like Machine Tool Manufacturers, Earth Moving Equipment Manufacturers, Plastic Molding Machine Manufacturers, Power Pack Manufacturers, Automobile Industries & steel Plants.

Founded in 1978 by a team of dedicated technocrats, it has always grown in leaps and bounds and has won the esteem of all the customers. In attaining these goals, the company’s objectives of meeting the customer’s increasing expectations for Quality, Delivery and Value were never compromised.

The Company has always keeping pace with the latest technological developments, it has recently introduced CNC & SPM machines to enhance the Quality & Productivity. The Company has over 1500 catalogue items, besides other product range of pipe Clamps & SAE Split Flanges.

Manufacturing Facilities:
Modern manufacturing facilities includes CNC Turning & Machining Centres, Automats, Thread Rolling Machine, Centerless Grinders, Capston Lathes along with Standard machine tools & Specially developed inhouse Electro-Plating Plant.

Quality Assurance Facilities:
Fully equipped standard room maintained at 20 degree C, includes Hardness Tester, Profile Projector, Salt Spray Apparatus, Electrometer, Surface Roughness Tester, Various Standard & Special Gauges. Also having Magnaflux Crack testing machine & in-house Chemical-Lab.

Product's: i) Flareless Bite Type Fittings, ii) 37 Deg. Flared Tube Fittings. iii) Connectors
iv) 'O' Ring Face Seal Fittings (ORFS) v) SAE split Flanges Pipe clamps.

Team: A dedicated team of around 180 people, having focus on Planning, Engineering Activities, Quality, HRD etc. This team is also supported by 8 Experts having in-depth knowledge and experience in Process Planning,

4.2.6 M/S S.S. Engineers:

Name: M/S S.S. Engineers
Year of Establishment: 1980
Address / Contact Details:
City Office: Shivajinagar, Pune 411 005, Tel +91-20- 2553 7567. Registered Works: F-II/56, M.I.D.C, Pimpri, Pune - 411 018, India, Tel +91-20-30612300, Tele fax +91-20- 30612318, url: www.ssengineers.com
Type of the Industry: Medium Scale Industry
No of Workers: 200 workers.
Turnover: Rs. 115 crs (including Rs. 10 crs export turnover)

Other information:

M/S S.S. Engineers is an internationally renowned Original Equipment Manufacturer of Complete Sugar Plants, Co-generation Plants and Industrial Boilers. Their highly esteemed and satisfied clientele will attest to their turnkey capabilities, right from requirement analysis to post-commissioning services. Building on their core competencies of total technical expertise and vast practical experience, S.S. Engineers is today at the forefront of innovative, affordable, efficient and most modern sugar technology.

They take pleasure in introducing their organization M/s. S. S. Engineers, headed by Mr. S.B.Bhad, as a leading engineering industry of India engaged in the manufacture of Complete Sugar Plants. SS Engineers, incorporated in 1980, with single handed effort, modest investment and full dedication has grown today into a large organization. Their founder, Mr.
Bhad, after completing his graduation in engineering in 1972, joined M/s. Walchandnagar Industries Ltd., engaged in design of various sugar machineries.

Later he joined the consultancy wing. Developing a very sound knowledge bank in sugar machinery all these 30 years along, he ventured in consultancy services of his own, in the later part of his career.

Gradually, it appeared that all his innovative ideas and concepts needed to be given a real form which was possible only by producing better equipments, incorporating latest technologies and providing the same at affordable prices to the sugar industry. With this concept, about 25 years ago, a fabrication shop took shape at Bhosari, Pune. As a technocrat at the helm of affairs, it was made a point to ensure that quality, design and performance theyre the keywords right from the very beginning. This paid back in the form of faith and confidence shown by the industry that was buoyed with bright ideas and quality equipments, the performance of which far exceeded the desired norms. Repeat orders from highly satisfied clients are now the order of the day at S.S. Engineers.

SS Engineers offers most innovative, convenient and profitable "Single window" solutions from design and manufacture to erection and commissioning of Complete Sugar plants, Co-generation plants, Industrial Boilers, by-products, Electrical Systems and Instrumentation etc.

From small equipments like fibrizer and mills up to a complete plant, they at SS Engineers have carved a niche for their selves during the last 25 years. The consultancy services backed by years of hands-on expertise in the Industry, along with a rich knowledge bank have benefited their clients for over two decades.
Today, with a team of 100 engineers, headed by technocrats of high repute, three most modern workshops and the engineering expertise achieved at micro level, SS Engineers is in the forefront of Indian Sugar Industry, providing complete Sugar Solutions to its customers in India and abroad.

**Innovation and Growth:**

1. Swing Hammer Fibrizer assuring +85 P.I. at Kopergaon S.S.K., Maharashtra, India. (1986-87)
2. Full Size C.I. under feed roller assuring 15% gain in capacity and 1% gain in extraction at Terna S.S.K., Maharashtra, India. (1980-81)
3. S.S.T.R.P.F. assuring increased crush rate of up to 160% at Terna S.S.K., Maharashtra, India. (1986-87)
4. Patented Five roller mill with in-built expansion capacity upto 150% at Shrigonda S.S.K. (1993-94)
5. Installation of Single Chopper-fibrizer diffusser and single mill in the entire juice extraction plant thereby using only one mill instead of two mills for diffuser de-watering bagarse at Andhra Sugar Ltd. (1995-96)
7. Falling film Evaporator with unique feature of independent wetting of each tube with separate nozzle for each tube at Dnyaneshwar S.S.K. (1994-95)
8. Installed one of the largest Fibrizer driven by 3500 BHP Motor (2 x 1750 HP each 11KV) on 108"size cane carrier at Jawahar S.S.K. (2000-01)
9. Installed one of the largest 44" x 84" milling plant with TRPF for achieving a crush rate of 12000 TCD on single tandem at Jawahar S.S.K. (2000-01) • Installation of modern 120 T/Hr capacity boiler at Jawahar S.S.K.Ltd. (2004-05) •
10. Installation & commissioning of fibrizer in 30 hours at Pravranagar and Malegaon, during cleaning in crushing season. (1997-98)

11. Installation of fibrizer on apran cane carrier (Not at head end) at Ajinkyatara S.S.K. Ltd. (90-91)

4.2.7 M/S Virgo Engineers Limited:

<table>
<thead>
<tr>
<th>Name</th>
<th>Virgo Engineers Ltd.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year of Establishment</td>
<td>1986</td>
</tr>
<tr>
<td>Address / Contact</td>
<td>J-517/525, MIDC, Bhosari, Pune 411026 T:</td>
</tr>
<tr>
<td>Details</td>
<td>9120 274744.</td>
</tr>
<tr>
<td>Type of the Industry</td>
<td>Medium Scale Industry.</td>
</tr>
<tr>
<td>No of Workers</td>
<td>200 workers.</td>
</tr>
<tr>
<td>Turnover</td>
<td>Rs. 100 Crores.</td>
</tr>
</tbody>
</table>

Other information:

Virgo Engineers is one of world’s fastest growing groups in the flow control industry. With customers in over 60 countries, manufacturing locations in 4 countries across 3 continents and over 900 employees worldwide, Virgo has emerged as a leading manufacturer of valves and steam equipment, serving diverse markets worldwide. Virgo’s rapid growth in global markets is a testimony of the company’s steadfast commitment to ‘Customer First’ policy, combined with its unflinching adherence to high ethical standards. Virgo continues to focus on meeting or exceeding customer expectations in terms of product performance and on-time delivery.

Since its inception in 1986, Virgo Engineers Group has focused on the manufacture and sales of automated and manually operated quarter turn valves. With large investments in sophisticated manufacturing facilities in Italy, India, USA and Germany, producing high quality products, Virgo has
become one of the leaders in the flow control industry. Over the years, Virgo has acquired prestigious international certifications and approvals from major oil companies globally.

Virgo has maintained focus on 'Customer First' philosophy by investing in delivering quality products, on-time deliveries, service and value to customers all over the world.

1. Investments in manufacturing in Europe, US and India
2. Sales offices in 8 locations on 3 continents.
3. In-house facilities for critical operations like HVOF metal coating, cryogenic testing, fugitive emission testing, special welding processes, high pressure gas testing etc.
4. Superior project order execution processes through implementation of Enterprise Resource Planning (ERP) software and Product Life Cycle Management (PLM) software systems.
5. Engagement of local talent in the company’s international network of 8 offices.
6. On-shelf inventory of over $20 million in Houston, Oklahoma and Dubai to meet quick delivery and project top up requirements of customers.
7. Dedicated team of service engineers to provide assistance in commissioning and on-site services around the world.

After initiating operations more than 20 years ago with Virgo’s flagship range of Virgo Ball Valves, the company has successfully launched several new brands and products for a variety of applications and industries. Today Virgo Engineers offers it's products under 5 brands. 1) Virgo, 2) Vintrol, 3) EVS, 4) Tritork, 5) Rifox

4.2.8 M/S Devchhaya Industries:
Name: Devchhaya Industries
Year of Establishment: 1990
Address / Contact Details: Devchhaya Industries, W 189 – MIDC Bhosari, Pune – 4110026, Contact: +91 020 27121712, Email: devchhaya189@yahoo.com, http://www.devchhayaindustries.com/contact.php

Type of the Industry: Medium Scale Industry
No of Workers: 300 workers.
Turnover: Rs.100 crs.

Other information:
Devchhaya Industries engaged in manufacturing of sheet metal pressed components and assemblies, was established in the year 1990. Started as a job worker of sheet shearing for Tata Motor’s vendors with a single shearing machine, today is a major vendor for the few of the world's most recognized and the India's largest automobile companies. With a strength of 300 employees and a group company of 5 major units, having all the advance manufacturing machinery and infrastructure Devchhaya Industries is all set to undertake major off-loadings from any OEM’s across the world.

They follow the global manufacturing standards of TS16949 (certified in March 2006) prior to that they were QS 9000 and ISO 9000 company since January 1998. They were the most proactive in adopting the standards amongst the Tata Motors suppliers and had ever met all the deadlines put forward by their customer. They became one, among the very first “CQ” (Certified Quality) suppliers of Tata Motors in 1997.

They are today a supplier of:
1. Tata Motors. Pune, Jamshedpur, Lucknow and Rudrapur.
3. Tata Johnson Control Pune & Rudrapur.
They now look forward to make a global mark, through their ever improving services their policy of total customer satisfaction and the ever lasting support of their customers in their endeavor towards progress.

**Devchhaya Industries – History**

Established in 1990, they began their journey with sheet metal shearing job work for Tata Motor’s vendors with a single shearing machine. With this humble beginning, today they earned a name as one of the major vendors of the worlds most recognized and the country’s largest automobile company Tata Motors Ltd. Soon, they were registered with Force Motors (Bajaj Tempo Ltd) in 1991 for supplying sheet metal pressed components & assemblies. The following year in 1992, Devchhaya Industries were registered with Tata Motors (Telco) for the supplying sheet metal parts & assemblies. Their achievements are based on, 1) Precision, 2) Quality of work, 3) Timely supplies, 4) Teamwork, 5) Modern Infrastructure Tata Motors Ltd. awarded Devchhaya Industries self certification “CQ” in October 1997. They were among one of the first few to be given the initial certification as the CQ vendors. Among the 10 sheet metal vendors vying for supplying press parts to Car plants (Indica); it was Devchayya Industries that was chosen. This is due to their high reputation for delivering quality products on time and their proficiency in developing new items without a glitch. In January 1998, they were awarded the ISO 9002 Certificate from TUV India(Germany). Devchhaya Industries was the 1st company to be certified against its competitors. Again in 2002, they were able to obtain a QS 9000 Certification and were once again one of the very few vendors to achieve this mile stone. Their achievements do not end here. Devchhaya Industries again earned the ISO TS 16949 certification in March 2006. Devchhaya Industries began its second major production unit with a big bed press facility in October 2006 to cater to the requirements of higher assemblies and aggregates. Subsequently they
started their new facility at Rudrapur (Uttarakhand) with their all time high investment in area of 15000 Sq. Mtrs. Today, they are a group company of 5 major units with over 300 employees with advanced manufacturing machinery and infrastructure. Devchhaya Industries has a strong base to receive major off-loadings from any OEM’s across the world.

### 4.2.9 M/S San Enterprises

<table>
<thead>
<tr>
<th>Name</th>
<th>San Enterprises</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year of Establishment</td>
<td>1990.</td>
</tr>
<tr>
<td>Address / Contact</td>
<td>San Enterprises, A-18, H-Block, MIDC, Pimpri, Pune- 411018, 020-27443302/ 03/ 04/ 05, 020-27443306, <a href="mailto:sanenterprises@vsnl.net">sanenterprises@vsnl.net</a></td>
</tr>
<tr>
<td>Type of the Industry</td>
<td>Medium Scale Industry</td>
</tr>
<tr>
<td>No of Workers</td>
<td>110 workers.</td>
</tr>
<tr>
<td>Turnover</td>
<td>Rs. 20 Crores.</td>
</tr>
</tbody>
</table>

**Other information:**

San also has 15 Core Shooting Machines. 1000 ton capacity, resin coating sand plant. Our plant has a spare capacity to manufacture various types of Aluminum components such as Cylinder Head, Crankcases and Manifolds either in Stationary or Tilt Gravity with Machining activity. Future expansion LPDC (Low Pressure Die Casting) and Direct online Machined Castings like Crankcases, Cylinder Head, Mag wheels and Dies etc.

**Facilities:**

1. Pre programmable controls with close loop feedback system for manufacturing gravity die casting.
2. 3 Gravity Die Casting Machines with holding furnaces having capacity 500kgs, 500kgs, 100kgs.
3. High Technology 2 Melting furnaces with high latest LPG heating process; capacity 500 and 200 kgs, per hour, respectively. Total melting 5 ton per shift.
4. 3 Nitrogen Degassing Station.
5. 1 Decoring Machine & Riser Cutting Machines.
6. Drop type Water quench Heat Treatment Furnace having capacity 1500kgs.
8. In house Tool room set up.
9. Melting Furnace : 02 Nos.
10. Co-Ordinate Measuring Machine
12. Spectrometer
13. Holding Furnace
15. Degassing Machine
16. Vacuum Test Machine
17. Heat Treatment Furnace
18 Automatic Shell Core Shooter M/C : 15nos

19 Glass Bead Machine

4.2.10 M/S Canto Engineering Company:

Name: Canto Engineering Company
Year of Establishment: 1992
Address / Contact: MIDC Bhosari, 48/2, S-Block Pune 411026,
Details: Maharashtra, Phone+(91)-(230)-242-6344
Type of the Industry: Medium Scale Industry
No of Workers: 135 workers.
Turnover: Rs.80 crores.

Other information:

4.2.11 M/S Nirmiti Stampings Pvt. Ltd.

Name: Nirmiti Stampings Pvt. Ltd.
Year of Establishment: 1995
Address / Contact Details: Nirmiti Stampings Pvt. Ltd. S-11, M.I.D.C. Bhosari, Pune - 411026, Maharashtra, India.
Telefax: +91-20-66308446/47, 66308458.
Direct: +91-20-66308460. E-mail: response@nirmitistampings.com

Type of the Industry: Medium Scale Industry
No of Workers: 90 workers.
Turnover: Rs. 15 crs.

Other information:

Company Background: The Company was incorporated in the year 1995. Mr. Hemachandra Shrotri is the Managing Director of the company. He is a qualified Mechanical Engineer.

Growth: What started as a small enterprise with one staff member, 6 workers and a turnover of Rs. 3.3 Mill (US$ 0.073 Mill / Euro 0.055 Mill) is today an enterprise providing employment to 17 staff, 45 workers and has a turnover of Rs. 8.0 Cr (US$ 1.77 Mill / Euro 1.33 Mill). The company has a tiny subsidiary located next to our major major customer and does job work for them. The capacity of this plant is being enhanced.

Location: The company is located at a prime location in M.I.D.C Bhosari, which is in industrial zone of Pune, the Automotive hub of India. Pune is well connected by Rail / Road and Air with all major cities in India.

1. Distance of our factory to nearest dry dock: 3 kms (1.87 miles)
2. Distance to nearest International Sea Port: 135 kms (84 miles)
3. Distance to nearest International Air Port: 150 kms (94 miles)
Certification:

The company has been certified for TS 16949 by BVQI.

Sheet Metal Components Manufacturers: Their product range includes:

- Components for Shock Absorbers
- Components for Parking Brake Levers
- Radiator Supports
- White Goods
- Automotive Axles
- HVAC Side Supports
- Air Filter Parts

Customers:

- Gabriel India Ltd.
- LG Electronics Ltd.
- Tata Ficosa Automotive Systems Ltd.
- Tata Toyo Radiators Ltd.
- Fleetguard Filters Pvt.Ltd.
- Renowned Auto Mfgrs Ltd.
- Spicer India Ltd.
- Behr India Ltd (E O U)
- Piaggio Vehicles Pvt. Ltd.
# 4.2.12 M/S Autoline Industries Limited:

<table>
<thead>
<tr>
<th>Name</th>
<th>Autoline Industries Limited</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year of Establishment</td>
<td>1996</td>
</tr>
<tr>
<td>Address / Contact Details</td>
<td>T-135, MIDC, Bhosari, Pune 411026, India, Tel No: +91-020-27128961/2, Fax No: +91-020-27110540</td>
</tr>
<tr>
<td>Type of the Industry</td>
<td>Medium Scale Industry</td>
</tr>
<tr>
<td>No of Workers</td>
<td>150 workers.</td>
</tr>
<tr>
<td>Turnover</td>
<td>Rs. 120 crores.</td>
</tr>
</tbody>
</table>

**Other information:**

Autoline Industries Ltd (AIL) (incorporated on December 16, 1996, as Autoline Stampings Private Ltd.) was initially set up in January 1995 as a partnership firm known as "Autoline Pressings" under Indian Partnership Act 1932, with a capital of Rs. 0.30 million & term loan of Rs. 0.15 million from State Bank of India and Cash Credit limit of Rs.0.05 million. AIL has grown into a medium sized engineering and auto ancillary Company, manufacturing sheet metal components, sub-assemblies and assemblies for large OEMs in the Automobile Industry.

We are engaged in Manufacturing various auto parts / sheet metal components for Passenger cars, Sports Utility Vehicles (SUV), Commercial vehicles, Two wheelers, Three wheelers, Tractors, etc.

August 2004, was major turning point in Autoline's history. Tata Motors was looking to entrust the manufacture of the load body of their new mini truck to someone whose capabilities they believed in. It was a challenge, no doubt, to our highly skilled yet small team that had hitherto handled designs and manufacture of small and medium assemblies. However, being
a team that enjoys challenges, Autoline got cracking and tackled the job so efficiently that in precisely 20 weeks, the first mini truck model named ACE load body came off the assembly and six months later a 200 strong workforce was rolling out 150 load bodies in a 3 shift day! As ACE became a runway success, six months down the line another fully automated line had to be set up to meet the demand of 300 units per day. We are one of the prime vendors to various Automobile Companies like, Tata Motors Ltd. (Earlier Telco), Bajaj Auto Ltd, Kinetic Engineering Ltd, Mahindra & Mahindra Ltd., Fiat (India) Pvt. Ltd., Walker Exhaust (India) Pvt Ltd (a Subsidiary of Tenneco, a fortune 500 U.S. company), etc. AIL is also exporting auto parts i.e. brake shoes for Mercedes Benz Trailers to Saudi Arabia, Dubai etc. Further negotiations are at various stages with various Detroit based Auto Component Makers for direct exports. Due to excellent quality in work, cost competitiveness, timely deliveries and State of the Art Tool Room with latest CAD / CAM facilities, the company has, in a short span, become prime vendor to all the reputed Auto Manufacturers in and around Pune. The turnover of the company has accordingly increased from a modest Rs. 6.30 million as on 31.03.1997 to a massive Rs. 1113 million as on 31.03.2006, in just 9 years time. All the manufacturing facilities have been certified as ISO/TS 19649: 2002 by TUV(Rh), Germany.

Considering the rapid growth in the business, the company was in need of additional space and manufacturing capacities. Therefore 3 to 4 expansions had to be taken up in quick succession during last 9 years. Initially we started our operations at Kudalwadi with 10,000 sq. ft. plot area. Then expanded to Chakan with 114,000 sq. ft. Plot area and T-135, MIDC, Bhosari with 53,000 sq. ft. plot area. Further we have now acquired additional Land of 15 Acres (600,000 sq. ft. area approx) in Chakan very near to the existing Factory. Out of the 15 acres land acquired, 7 acres has
been utilized to set up a new modern manufacturing facility on a built-up area of 1,60,000 sq. ft. Thus our existing operations of the company are spread at five places (including a wholly owned subsidiary) with good infrastructural facilities.

Autoline has grown by leaps and bounds from a single plant, a modest capital and a small staff to a company that can boast of 5 manufacturing units, over 150 strong human resource and an almost 100 percent growth each year for seven years. Autoline Industries has traversed a growth path at an enviable pace; all thanks to excellent work quality, cost competitiveness, timely deliveries and state-of-the-art Tool Room with latest CAD / CAM facilities. To further enhance design capabilities, Autoline has take a major stake in a design engineering firm making it our subsidiary. With this acquisition, Autoline has the unique capability of Offshore Designing & Manufacturing model (ODM). At Autoline, we are continuously renewing technology and upgrading quality standards, keeping in mind international benchmarks.

Today, more than 400 products from Autoline fit into a range of SUVs, LCVs, HCVs and passenger cars besides 2 and 3 wheelers. Stringent quality controls and timely deliveries have helped consolidate our position in the market as one of the top 5 vendors of Sheet Metal components for Tata Motors.

Autoline has an ultramodern manufacturing facility and has the experience of producing large volumes in specified time and to the required quality specifications. Customized to the requirements of the client, as per their drawings / samples provided, various operations on metal sheets (pre-cut to strips as per requirement of jobs) like blanking, bending, trimming, forming, piercing, etc. are carried out with appropriate dies loaded and set in the required size and capacity. The components that require welding are
sent to the welding shop for welding and assembly. There is a quality check at every level and before final dispatch. All processes are completed as per the Quality Plan for each Component as specified by the ISO/TS 16949:2002 Standards for Quality and Processes.

The application of virtual reality technology in product design, engineering, and manufacturing has revolutionized the work of many industries. Using the power of collaborative visualization, companies facilitate collaborative decision making and multi-disciplinary communications that enable companies to identify and resolve manufacturing design problems while in a virtual state with significantly reduced developmental time and money.

We provide a wide range of engineering enterprise services, based on a combination of business consulting, product design, and IT skills.

Every manufacturing facility has a tool room attached. Besides, there is an ultra-modern Tool Room equipped with Hartford CNC Vertical Milling centre, TAL's Computerised Milling Centre, Wire-cut Machine, Horizontal Boring Machine and host of other supporting tooling machinery to take care of even the large size dies. This is supported by a state-of-the-art Design Engineering setup with the latest Hardware and Software backed by CAD/ CAM facilities for optimum utilization of tool room machinery. The recent acquisition of Autoline Dimensions Software (P) Ltd., has added a world-class design engineering capabilities to our ensemble. The Company thus has set up World class facilities for maintenance of sophisticated Dies given by the OEMs which has given an impetus to further orders from them. Autoline has made sophisticated large sized Dies up to 3 meters, for in-house production and on orders from clients.

Overview: Autoline Industries Ltd., is a major supplier of sheet metal components, sub assemblies and assemblies. Also manufacturing "A" class sheet metal dies, we supply about 130 components to Tata Motor's
prestigious Indica, Car Project and its mid-sized sedan Indigo & Marina mostly as single source supplier, and about 400 components to its Auto Division for LCVs, MCVs and HCVs, besides components for SUVs like Safari, Sumo and their variants. Various other components numbering more than 150 are being supplied to Bajaj Auto Limited & Kinetic Engineering Limited for 2 wheelers & 3 wheelers. Critical and prestigious components are regularly supplied to Walker Exhaust (India) Pvt Ltd, a wholly owned subsidiary of a Fortune 500 company. Besides these, we also supply Tractor components to Mahindra & Mahindra Limited, Mumbai, and Fiat, Mumbai, for their prestigious Palio Project. Exports of Brake shoes meant as spares for Mercedes Trailers to Germany, Singapore, UAE, Saudi Arabia, etc. A joint venture by the name of Union Autoline Spare Parts LLC, UAE has been set up to promote exports of Auto Components for the Gulf and African Markets.

4.2.13 M/S TAL Manufacturing Solutions Ltd (TAL):

Name TAL Manufacturing Solutions Ltd.
Year of Establishment 2000.
Address / Contact Details TATA Motors Premises
Chinchwad – 411 033, Pune, Maharashtra (INDIA). Phone:+91-20-6613-5509 / 5550 / 5510
Type of the Industry Large Scale Industry
No of Workers 600 workers.
Turnover Rs. 250 Crores.

Other information:

2009: TAL provides total manufacturing solutions across manufacturing industries in India and abroad.
2008 : TAL entered in collaboration with The Boeing Company to manufacture Floor Beams for 787 Dreamliner project in the plant coming up in Nagpur.

2007 : Technical Collaboration with the Europe’s leading machine tools majors –Heller GmbH of Germany for horizontal machining center and Maus Spa of Italy for vertical turning lathes.

2003 : The company is re-organised into Strategic Business Units and implements a Project Management structure

2000 : TAL is a wholly owned subsidiary of TATA Motors Ltd formed by the merger of the Machine Tool and Growth Divisions.


1985 : Collaboration with Nachi Nigata Japan for CNC Machining centers.

1980 : Collaboration with GFM Austria for Crankpin Milling machine

1967 : Setting up Machine Tool, Growth, PE and ERC Divisions to facilitate plant & machinery and fuel growth.

TAL is a wholly owned subsidiary of TATA Motors Ltd, pioneer in providing turnkey manufacturing solutions, right from concept to commissioning. TAL Corporate office is located in Chinchwad, Pune, the industrial hub of Maharashtra, they operate through a footprint of offices in Chennai and Delhi. For more than 40 years, TAL have designed and build machine tools, material handling systems, test rigs, painting systems, assembly & process lines, robotic welding solutions, fixtures & tooling, fluid power solutions for a wide range of industrial applications and integrated them to deliver complete manufacturing solutions.

To maintain a cutting edge, they have stressed upon continuous updates of our professional capabilities, production facilities and techniques. With a keen eye on the emerging trends in engineering, they have successfully risen to the challenges imposed by changing markets, new technologies and production schedules.
TAL's offerings are delivered through its four business units:

1. **Machine Tool Business Unit**, which specializes in machine tool building. (Over 2500 machine tools operating successfully for last many decades.)


3. **Fluid Power Solutions Business Unit**, which provides Fluid Power Solutions to the Tippers and other construction as well as industrial applications market.

4. **Aerospace Business Unit** with a focus on manufacture of precision components and assemblies for aero-structures.

### 4.2.14 M/S V-Teck Engineers:

<table>
<thead>
<tr>
<th>Name</th>
<th>V Tech Engineers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year of Establishment</td>
<td>2008</td>
</tr>
<tr>
<td>Address / Contact</td>
<td>H. No. 773- 263/ 1, Opposite Siddhi Lawns,</td>
</tr>
<tr>
<td>Details</td>
<td>MIDC Bhosari  Pune.</td>
</tr>
<tr>
<td>Type of the Industry</td>
<td>Medium Scale Industry</td>
</tr>
<tr>
<td>No of Workers</td>
<td>100 workers.</td>
</tr>
<tr>
<td>Turnover</td>
<td>Rs. 11 Crores.</td>
</tr>
</tbody>
</table>

**Other information:**

Manufacturer and supplier of all kinds of castings like sand castings, gravity die castings, investment casting, mechanical assemblies, electrical assemblies and machined components etc.

**Quality:** An ISO 9001:2000 Certified Company.

**Products & Services:**

1. Assemblies
2. Electrical Assemblies
3. Gravity Die Castings
4. Investment Casting
5. Machined Components
6. Mechanical Assemblies
7. Sand Castings
8. Sheet Metal Components Fact Sheet
9. Legal Status of Firm: Sole Proprietorship (Individual)
10. Nature of Business: Manufacturer, Exporter, Wholesaler

Major Markets: East Europe

4.2 Summary:

The profiles of the above said companies’ show that the companies are well established and doing well in their respective business sectors. Almost all of them have their business transactions at an international level. This certainly makes it necessary for them to maintain proper facilities and infrastructure to enable their workforce to gain required motivation. They have to try at their level best to bring about good amount of job satisfaction among the workers with an intention to have more productivity. These industries are practically good representatives of the present industrial scene in Pimpri-Chinchwad industrial belt to conduct this research work.