



COMPANY PRESENTATION

LAXMI UDYOG OIL FIELD EQUIPMENTS PVT. LTD



Laxmi Udyog Oil Field Equipments Pvt. Ltd.

- Manufacturer of Equipments & Components for Oil & Gas Exploration and Production.
- Also Manufacturer of Equipment & Components for Mining Industry, Horizontal Drilling and Pipe laying Machine Components and Aluminium Slurry Pump Parts.
- We bring with us experience of 50 years of Engineering Equipments & Components Manufacturing.



Our History & Milestones Achieved

- 1967** – We started as an heavy automobile and trucks repairing workshop.
- 1968** – Started manufacturing components of water well drilling for Ground Water Department
- 1969** – Came in contact with a French Oil Well Drilling Company – FORSOL DRILLING COMPANY, operating in western Rajasthan and started Repairing and Reconditioning of Drilling Rig Equipments.
- 1970** – We started to try developing Drilling Rig Equipments in our own facility.
- 1971-1972** – We took many imported samples of Mud Pump parts from ONGC and developed them and gave for trial test to them.
- 1973** – We stopped automobiles and truck repairing completely. And Started manufacturing Drilling Rig Equipments.
- 1975** – We got Rate contract with ONGC for supplying Mud Pump Parts and spares.
- 1980** – We increased our capacity and started supplying to OIL INDIA
- 1982** – We developed Casing Centralizers which were till now being imported in India.
- 1985** – We developed sucker rods and artificial lift components.
- 1987** – We developed Drill Stem Members & Substitutes.
- 1992** – We got API 10 D License, we were first in world to obtain this license.
- 1992** – We got API 11B License.



Our History & Milestones Achieved

- 1993-94** - We got API 7 and 7K License . API 7 was then renamed as API 7-1 in 2007.
- 1995** – We started developing mining equipment and components. And started supplying to Hindustan Zinc and Hindustan copper.
- 2000** – We installed CNC turning centres
- 2002** – We expanded and constructed a separate section dedicated for manufacturing of casing centralizers
- 2005** – We Expanded and constructed a separate section dedicated for Forging.
- 2012** – We designed and developed special purpose upsetting machine for sucker rods.



Our Infrastructure

- Factory Area – 11,780 Sq. Mtrs; with an easy access to State, National Highways & Dry Ports.
- of which 8634 Sq. Mtrs is built-up area, in-housing -

Machining Workshops (2)

Machining & Forging Shop

Powder Coating Plant & Painting Shop

Heat Treatment Shop

Quality Assurance & Testing Division

Design & Development Division

Carpentry & Packaging Section

Diesel Generators & Power Backup Section

Ware House & Godowns

- All of our Workshops and facilities have a planned layout such that a large range of job sizes can be handled without any bottle necks on shop floor.
- Well Equipped with EOT cranes & Electronic Hoists – Lift capacity 1 MT to 5 MT – Floor Height of 25 Feet.



: Our Infrastructure :

PRODUCT DESIGN & DEVELOPMENT DIVISION

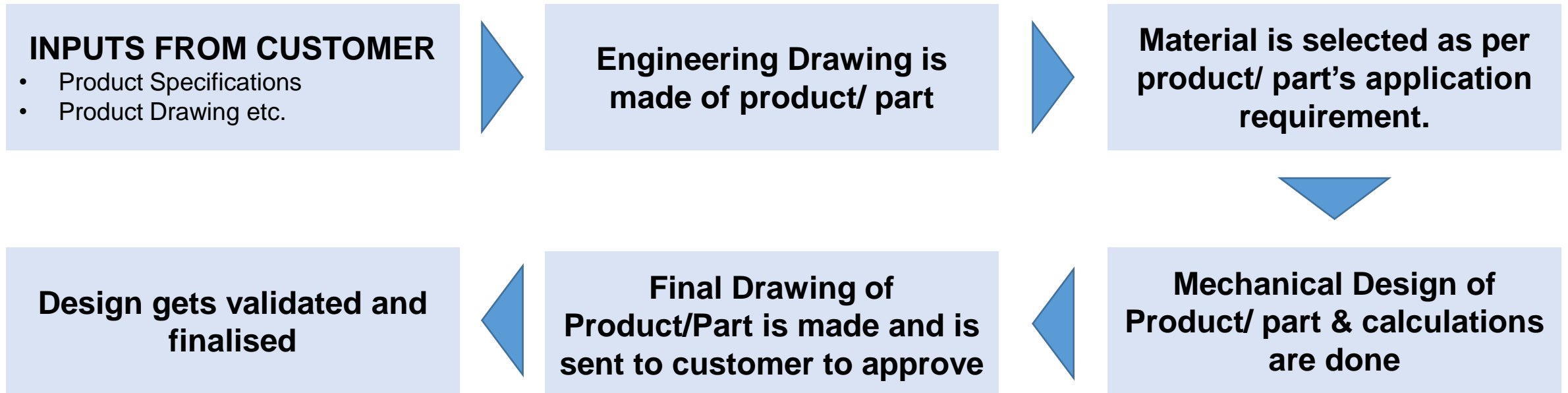
- Since inception, our Research & Development Division is one of our Biggest Strength.
- With our in-house R&D capabilities, we have developed number of critical import substitutes for various Oil Well Drilling Rig Equipments, spares & components.
- We have Developed, Manufactured & supplied a number of critical parts & assemblies to PSUs & Private sector companies Hindustan Zinc, Hindustan Copper, Nalco, Balco, Hindalco etc. for their imported machines to meet their urgent requirement and later on they we regularly from us by them.
- We have Designed & Developed many Special Purpose Machines for own use to meet our requirement to manufacture special products to increase productivity and reduce material wastage, manufacturing time and cost, thereby making production more efficient.



: Our Infrastructure :

PRODUCT DESIGN & DEVELOPMENT DIVISION

From Customer Inputs

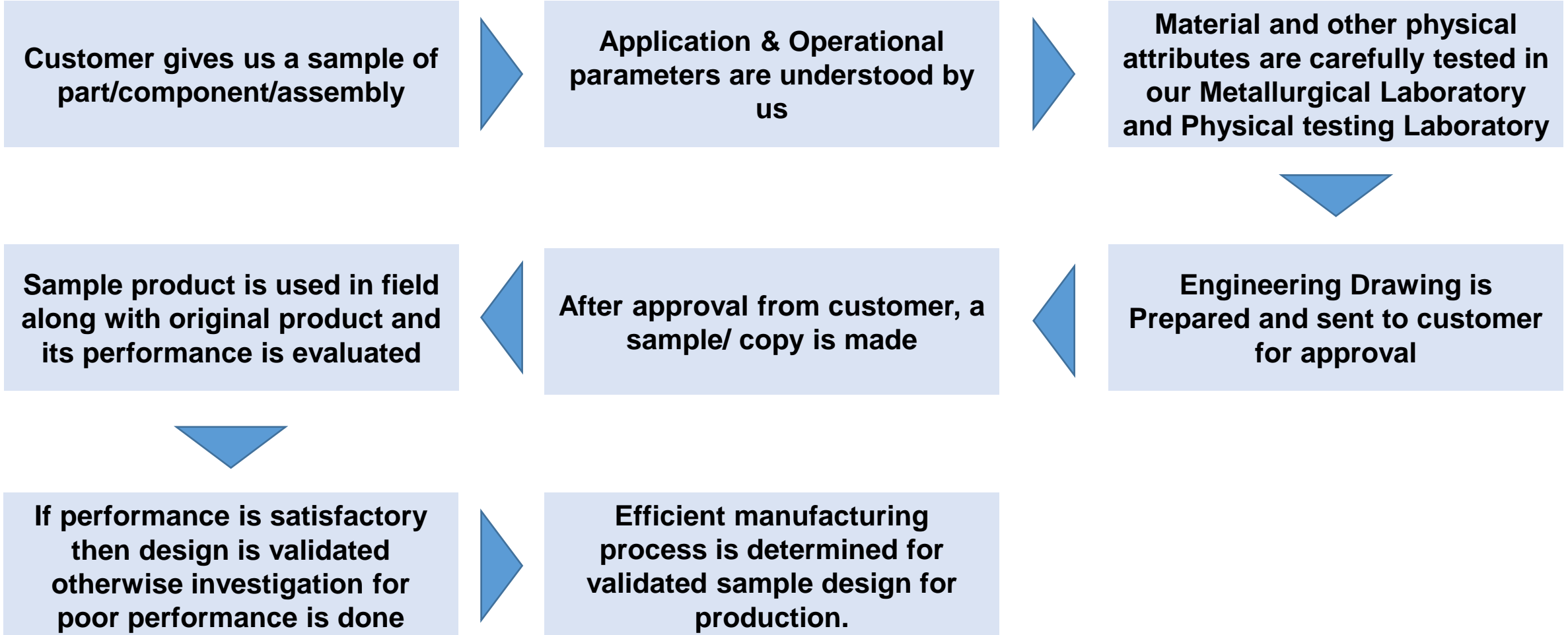




: Our Infrastructure :

PRODUCT DESIGN & DEVELOPMENT DIVISION

From Reverse Engineering

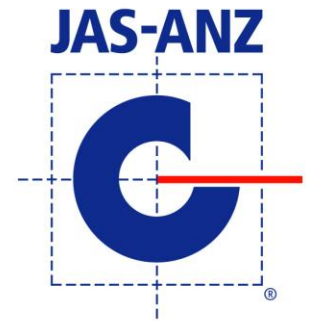




: Our Infrastructure :

Quality Control & Assurance

- We are an ISO 9001:2008 and API Q1 certified company.
- We have been granted authority to use Prestigious American Petroleum Institute(API) Monograms on our products.



API 7K



API 10D



API 11B



API 7-1



: Our Infrastructure :

Quality Control & Assurance

- We meet all **Quality Standards** and have an **Extensive Quality Management System** in place to ensure all production systems are performing to their maximum potential.
- Our **Quality Management System** is constantly striving to **improve our efficiency** and changes required to meet all of our **Customers Specific Demands & Modern Manufacturing Systems**.
- **Quality Checks** from **Raw Material to Finished Products** are done using our comprehensive range of **in-house testing facilities**.
- Tests are conducted as per **API, ASTM, ANSI/ASME, NACE, MSE and ISO 9001 Systems**.
- Our Quality Control Testing Lab is well equipped with precision measuring instruments and special gauges along with facilities that includes;
Mechanical Properties Testing machines like UTM, Impact Testing Machines, Fatigue Testing Machines.
Non Destructive Testing Machines like, Dye Penetration Test Equipment, Magnetic Particle Test Equipment, Ultrasonic Flaw Detector etc.
Specialized Metallurgical Laboratory with Test Equipment for Chemical Composition and Micro Structure Analysis of Materials.



: Our Infrastructure :

Manufacturing & Production Facilities

- Our **Metal Turning Facility** includes; Specialised CNC turning Centres for Precision Machining, Heavy duty Lathes, Turret Lathes, Horizontal Boring Machines, Deep Hole Drilling Machines, Radial Drilling Machines, Planner Machine, Slotting Machine, Cold Thread Rolling Machine, Milling & Shaper Machines and Special Purpose Machines.
- Our Versatile **Sheet Metal & Fabrication Facility** in-houses machines capable of doing tasks like Punching, Rolling, Blanking, perforating, shearing, bending of Metal sheet. It also includes, Profile gas cutters, Arc Welding equipment, MIG welding machine and Spot Welding Machines.



: Our Infrastructure :

Manufacturing & Production Facilities

- Our **Metal Forming Facilities** includes a gamut of Power Presses ranging from 25 MT to 300 MT, Drop Hammers of 1000 Kgs, Double Head & Triple Head Upsetting Machines of 200 MT capacities, Long draw benches & Shearing Machines.
- Full Fledged **Heat Treatment Facility** capable of Annealing, Normalising, Carburising & Hardening various grades of steel. Heat Treatment Shop consists of Induction Heat treatment plants, Special purpose furnace for continuous heat treatment, Box Type Furnaces, Car Bottom Type Furnaces and Roller Type Furnaces.



: Our Infrastructure :

Manufacturing & Production Facilities

- Our Specilized **Surface Finishing Facility** includes complete sets of External Cylinder Grinding Machines, Eccentric Grinding Machines, Internal Cylinder Grinding Machines, Centerless Grinding Machine, Honing Machines and Shot blasting machines. This facility has capability of Precision Grinding and producing products with surface finish in close tolerance of 10 Microns.
- Our **Paints & Coating Facility** comprises of an Automatic Continous Powder Coating plant, spray painting machine, Paint Stoving Ovens and Phosphating Plant.



: Our Infrastructure :

Manufacturing & Production Facilities

- Our **Packaging & Dispatch Division** comprises of a carpentry workshop responsible for designing and making Fumigated Wooden Boxes, Crates & Pallets for packaging Just-in-time as and when required. Along with Wooden box packaging, we also do flexible packing (Polypropylene, LDPE or HDPE packaging) as per customer requirement.



Our Product Range

- **EQUIPMENT, ASSEMBLIES & PARTS FOR OIL & GAS EXPLORATION AND PRODUCTION**
- **MINING EQUIPMENTS AND COMPONENTS**
- **ALUMINIUM SLURRY PUMP COMPONENTS**
- **METALLIC ENGINEERING ITEMS AS PER SAMPLE/DRAWING OF CUSTOMER**

: Our Product Range :



EQUIPMENT, ASSEMBLIES & PARTS FOR OIL & GAS EXPLORATION AND PRODUCTION

Mud Pump Fluid End Parts

- Cylinder Liners
- Piston Rods,
- Valve Assly,
- Extension Rods,
- Pistons,
- Piston Cups
- Valve Inserts
- Seal Gaskets etc



API 7K



: Our Product Range :

EQUIPMENT, ASSEMBLIES & PARTS FOR OIL & GAS EXPLORATION AND PRODUCTION



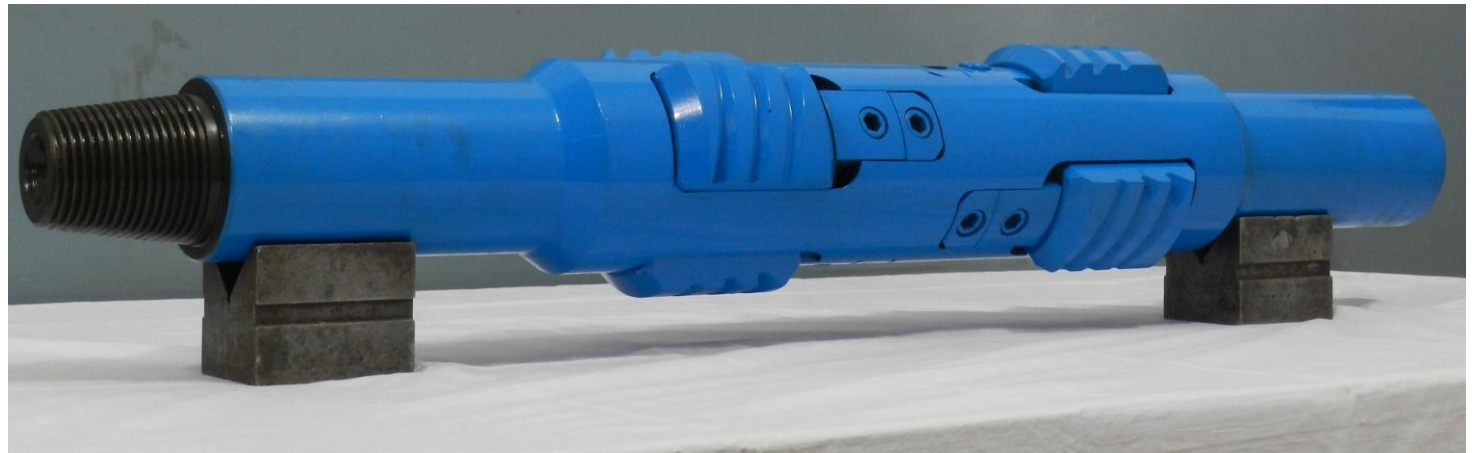
Drill Stem Members – Rotary Drilling Equipments

- Crossovers
- Kelly Saver Subs
- Lift Subs
- Reduced Section Subs
- Drill Collars
- Tubing Centralizers
- Casing Scraper



API 7-1





: Our Product Range :



EQUIPMENT, ASSEMBLIES & PARTS FOR OIL & GAS EXPLORATION AND PRODUCTION

Cementing Aids– Casing Centralizers

- Rigid & Semi Rigid Centralizers
- Solid Centralizers
- Straight Casing Centralizers
- Turbolizers
- Stop Collars
- Scratchers



API 10D-001



: Our Product Range :

EQUIPMENT, ASSEMBLIES & PARTS FOR OIL & GAS EXPLORATION AND PRODUCTION

Artificial Lift Equipments – Sucker Rods

- Sucker Rods & Pony Rods
- Stuffing Box
- Sinker Bar & Polished Rods
- Sucker Rod Elevator
- Sucker Rods Couplings
- Sucker Rods wrench
- Tubing Tong & Pumping Tees



API 11B







: Our Product Range :

EQUIPMENT, ASSEMBLIES & PARTS FOR OIL & GAS EXPLORATION AND PRODUCTION

- Miscellaneous e.g. Tongs 1.1/2" to 3", Tong Dies, Slip Die Inserts, Pup Joints, Swivels Chickson Joints, Hammer Unions, Casing Scrapers, Wash Pipes, Recovery Taps, Drive Spindles, Agitator Shafts, Digestor Shafts etc.
- Rethreading of Drill Collars, Drill Pipes, Kellys and Cross Overs as per API 7 and API 7-1
- Shale Shaker & its components.

MINING EQUIPMENTS AND COMPONENTS

- Pneumatic Drill Steel Supports (BSP-10)
- Granby Cars.
- Spares for Rock Breakers, Jarvis Clarke ELHC & BMS -45
- Alimak Raise Climbers
- Moil Points Chiesels, Drill Pipes, Drill Rods.
- Other Components/ Spares

ALUMINIUM SLURRY PUMP COMPONENTS

- Cylinder Liners, Piston Rods, Pistons, Valve Assembly
- Agitator Shafts

: Our Team :



- Our Skilled Work Force is the one of the biggest asset we possess.
- We are a Team of Engineers, Technicians, Skilled Machinists & Workers with more than 30 years of Industry Experience.
- Over the years, we have Innovated and Developed many key components and parts/assemblies either as import substitution or which were brought to us as an idea by our clients to technically upgrade themselves.

Training

- Time to time or as when required, we provide training to our workers in-house on various skills matrix.
- A new worker goes through our induction training.
- Also, we provide internship to Engineering Students at our factory.



Future Growth Plans

1. Increasing Product Range (by developing new products)
2. Increasing Customer Base (by increasing Marketing Channels and appointing agents in our major markets)
3. Joint Ventures with Manufacturers Abroad.
4. Exploring opportunities in other sectors, like, Defence, Railways, Automobile etc to develop and supply Engineering goods/parts.



Thank you
