

# TECHNO ENGINEERS

Precision Engineering Products & Machineries

## INTRODUCTION

Dear Sir,

We are pleased to introduce ourselves as a leading engineering company managed by technocrats of proven track record.

We have facilities to provide services to meet requirement of precision machining, re-engineering of various components to OEM standard, manufacturing special purpose systems and import substitute spares. Please find here with a profile of our organization, Products and services.

We have Experienced Design Engineers to Strengthen the production process and Preparation of technical drawings, Creation of 2D CAD drawings in AutoCAD & 3D drawings in Solid Edge, Calculation of transition bodies with LogiTrace,

We are also working in consortium with selected industries situated in and around to provide versatile services to our customers. We are dealing with almost mega industries at Dahej, Ankleshwar, Panoli, and Jhagadia. More over our customers are very satisfied with our dealing and works. Our International Presence extended to African and Australian continents in co-operation with International Companies.

It shall be our pleasure to clarify any of your queries that you may have. Moreover we assure you our best attention and sincere service all time. Looking forward to receive your valid enquiry.

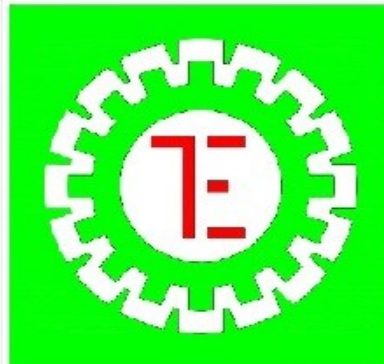
Thanking you,  
yours faithfully,

**Arun Arora (Director)**



Energy saving ,Cost effective & Long life

# TECHNO ENGINEERS



## TECHNO

# TECH+

### Factory & Office

Plot No. 57/1/P,  
GIDC NARMADA NAGAR, PHASE-1,  
BHARUCH DT., GUJARAT ST.,  
INDIA. PIN:392015

**Mob.No: +91 9328422615**

**E-mail:- [technical@technoeng.in](mailto:technical@technoeng.in)**

## INTRODUCTION



Mr. Arun Arora (Director):

Mob:+91 9825164150,

E-Mail:

[arunarora@technoeng.in](mailto:arunarora@technoeng.in)

Technical:

Pappachan k Joseph,  
Mob: +91 9377320035,

Marketing:

Chandresh Mehta  
Mob: +91 8780495346,

E-Mail:

[sales@technoeng.in](mailto:sales@technoeng.in)

# TECHNO ENGINEERS

Precision Engineering Products & Machineries

## OUR POTENTIALS

- ✓ Machining of any Large Parts up to diameter of 2M & 5M Length
- ✓ 3 Axis and 5 Axis Milling in Modern Machine Centre
- ✓ Drilling of any parts up to 1200mm radius and 40mm dia. drill size
- ✓ Metal Coating of any Shape and specific Materials
- ✓ Dynamic Balancing of Rotary Equipments up to 2M dia and 5M Length
- ✓ Shearing of all sheets up to a length of 3M and 6mm thickness
- ✓ Plasma Cutting of all Plates up to a thickness 40mm and any size
- ✓ Arc Welding of any assembly up to a Total weight 20Ton and 40mm
- ✓ TIG Welding of any assembly up to a Total weight 20Ton and 25mm
- ✓ MIG Welding of any assembly up to a Total weight 20Ton and 25mm

## OUR EXPERIENCE

Techno Engineers led by Technocrats having experience of 30 Years in the Process plant and Manufacturing Industries. We are providing Multiple service like Design-Manufacturing of Equipments and Spares, Reclamation of Machinery and parts, Die and Moulds, Dynamic balancing, Onsite overhauling, Fabrication and Erection of equipments etc.

**We are authorized Technical Partner with**

**M/s L&T EUTECTIC** division for Refurbishment and weld repair,

**M/s. SUPERON** for Welding solutions,

**M/s. STANVAC** for Industrial Coating and Maintenance solutions.

Our International Presence extended to **African and Australian continents** with co-operation with International Companies.

**DR CONGO-MINING Engineering Services**

Mother blank repairing and permanent edge molding

**ERITREA- BISHA MINING**

Supply of Engineers and Skilled Technician for Specialized Plant Works.

**AUSTRALIA- COUSMAG**

Inspection and Lessoning service for procurement of Rotary scrubber, Rotary kiln, bag Filters, Electrical and Instrumentation etc.

## OUR SPECIALITIES

- ✓ Strong, committed and motivated team
- ✓ Fast and Reliable delivery
- ✓ Friendly, flexible and adaptive organization
- ✓ Strong local presence and complete knowledge of local & International systems
- ✓ Quality management system subjected to continuous improvement

## OUR PHILOSOPHY

**To be honest, fair and responsible to meet the commitment made to our customers to the best of our abilities Committed to serve customers to their full satisfaction, to work as business partner with customers, to work by our principle of "SAFETY FIRST- LAST- AND ALWAYS"**

## QUALITY POLICY

**"WE AT TECHNO ENGINEERS ARE COMMITTED TO COMPLY & SATISFY OUR CUSTOMER'S NEED BY EFFECTIVE INVOLVEMENT OF OUR EMPLOYEES & AIMING TOWARDS CONTINUOUS IMPROVEMENT,,**

**ARUN ARORA (Director)**

## OUR POTENTIALS EXPERIENCE SPECIALITIES PHILOSOPHY QUALITY POLICY



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# TECHNO ENGINEERS

Precision Engineering Products & Machineries

## PRODUCTS & SERVICES

### ENGINEERING & TECHNOLOGY

- ✓ Design-Manufacturing of Equipments & Spares,
- ✓ Cathode Plate Design & Manufacturing
- ✓ Reclamation of Machinery & parts,
- ✓ Design Development of Die & Moulds,
- ✓ Dynamic balancing of Rotary parts.
- ✓ Onsite overhauling of Equipments.
- ✓ Fabrication/Erection of equipments.

### MARKETING & DEALER SHIPS

**M/s L&T EUTECTIC** division for Refurbishment and weld repair,  
**M/s. SUPERON** for Welding solutions,  
**M/s. STANVAC** for Industrial Coating and Maintenance solutions.

### SERVICES

**DR CONGO-MINING Engineering Services**  
Mother blank repairing and permanent edge molding

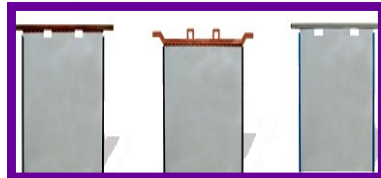
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Inspection and Lessoning service for procurement of Rotary scrubber, Rotary kiln, bag Filters, Electrical and Instrumentation etc.

### PLASTIC INJECTION MOULDING

- ✓ Mould Design& Injection Molding.
- ✓ Mother blank Edge Molding.
- ✓ Auto mobile Parts.
- ✓ Electrical Spares & Accessories.
- ✓ Machinery Spare Parts .
- ✓ Any Type of Molding Job works

## PRODUCTS &



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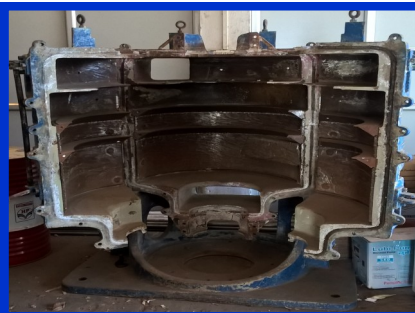
**Marketing:**

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# TECHNO ENGINEERS

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## GALLERY



## LIST OF MACHINERIES

Sr. No	Description	Specification
1	Lathe Machine	SOB 21300 MM / CD 8000 MM
2	Lathe Machine	SOB 500 MM / CD 2700 MM HMT make
3	Lathe Machine	SOB 300 MM / 1000 MM Kirloskar make
4	Lathe Machine	SOB 300 MM / 1000 MM Takisawa make
5	Milling Machine	Universal model 2 BFW make
6	Radial Drilling Machine	40 MM drill/ 1200 radius
7	Column Drilling Machine	25 MM Drill
8	Dynamic balancing	1200 dia/650 Kg
9	Power Hacksaw	100 MM capacity
10	Band saw	200 MM capacity
11	Plate Rolling Machine	12 MM Plate /2000 MM Long
12	Plate Rolling Machine	3 MM Plate /1500 MM Long
13	Shearing Machine	3 MM Plate /2000 MM Long
14	Press Brake	200 T
15	Slotting machine	250 MM TECO
16	Round Bending Machine	30 MM round
17	Overhead Crane	5 MT /5 m span/5 M Height
18	Pedestal Grinder	200 MM
19	Air Compressor	500 CFM
20	Sand Blasting equipment	8 M2 /Hr
21	Cut Off Machine	300 MM
22	Welding Rectifier	400 Amp
23	Welding Inverter	400 Amp
24	Welding Inverter	250 Amp
25	MIG Welding Machine	400 Amp
26	TIG Welding Machine	400 AMP
27	Plasma cutting m/c	400 AMP
28	High Pressure water jet mc	Bosch 130 Bar
29	Outside micrometer	0-1000 mM
30	Vernier Caliper	0-600 MM
31	BORE GAUGE	35MM TO 500MM

## LIST OF MACHINERIES



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# TECHNO ENGINEERS

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## CERTIFICATES

### ISO 9001:2015 QUALITY MANAGEMENT SYSTEM

Engineering job work, SPM Manufacturing and Trading

Certificate No: QMS 20181427 Dt.29 December 2018

## CERTIFICATES STANDARD TEST & EQUIPMENTS

## STANDARD TEST & EQUIPMENTS

Please find Separate Sheet attached here with



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## SAFETY HEALTH & ENVIRONMENT POLICY

Techno Engineers shall continually improve 'S H E' performance through the prevention of work place accidents & pollution, The promotion of employees health & well being, The reduction of environmental impacts & ENERGY CONSERVATION

This Policy shall be considered as a source of significant and long term competitive advantage for Techno Engineers. All Techno Engineers employees have a responsibility to act upon this policy.

## OUR QUALITY STANDARD

ISO R615, Methods for determining the mechanical properties of the weld metal deposited by electrodes 3,15 mm or more in diameter.

ISO 630, Structural steel — Plates, wide flats, bars, sections and profiles.

ISO 657 (all parts), Dimensions of hot rolled steel sections.

ISO 700, Power sources for manual metal arc welding with covered electrodes and for the TIG process.

ISO 1461, Metallic coatings — Hot dip galvanized coatings on fabricated ferrous products — Requirements.

ISO 2063, Metallic coatings — Protection of iron and steel structures against corrosion — Metal spraying of zinc and aluminum.

ISO 2081, Metallic coatings — Electroplated coatings of zinc on iron or steel.

ISO 2082, Metallic coatings — Electroplated coatings of cadmium on iron or steel.

ISO 2400, Welds in steel — Reference block for the calibration of equipment for ultrasonic examination.

ISO 2553, Welded, brazed and soldered joints — Symbolic representation on drawings.

ISO 3690, Welding — Determination of hydrogen in deposited weld metal arising from the use of covered electrodes for welding mild and low alloy steels.

ISO 4063, Welding and allied processes — Nomenclature of processes and reference numbers.

ISO 7415, Plain washers for high-strength and structural bolting, hardened and tempered.

ISO 7963, Welds in steel — Calibration block No. 2 for ultrasonic examination of welds.

ISO 8501-1, Preparation of steel substrates before application of paints and related products — Visual assessment of surface cleanliness — Part 1: Rust grades and preparation grades of uncoated steel substrates and of steel substrates after overall removal of previous coatings.

ISO 8501-2, Preparation of steel substrates before the application of paints and related products — Visual assessment of surface cleanliness — Part 2: Preparation grades of previously coated steel substrates after localized removal of previous coatings.

ISO 8503-1, Preparation of steel substrates before application of paints and related products — Surface roughness characteristics of blast-cleaned steel substrates — Part 1: Specifications and definitions for ISO surface profile comparators for the assessment of abrasive blast-cleaned surfaces.

ISO 8503-2, Preparation of steel substrates before application of paints and related products — Surface roughness characteristics of blast-cleaned steel substrates — Part 2: Method for the grading of surface profile of abrasive blast-cleaned steel — Comparator procedure.

ISO 9000 (all parts), Quality management and quality assurance standards.

ISO 9002, Quality systems — Model for quality assurance in production and installation.

ISO 9606-1, Approval testing of welders — Fusion welding — Part 1: Steels.

ISO 9692, Metal-arc welding with covered electrode, gas-shielded metal-arc welding and gas welding — Joint preparations for steel.

ISO 9956-1, Specification and approval of welding procedures for metallic materials — Part 1: General rules for fusion welding.

ISO 9956-2, Specification and approval of welding procedures for metallic materials — Part 2: Welding procedure specification for arc welding.

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## OUR ESTEEMED CLIENTELE

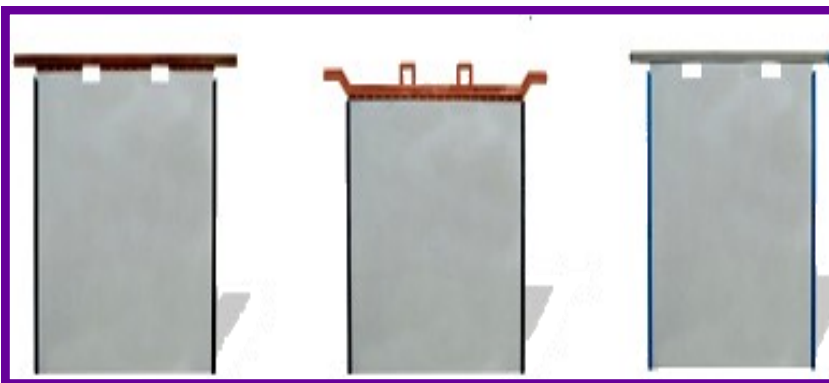


## CATHODE PLATE ASSEMBLY

### STAINLESS STEEL CATHOD PLATE WITH EXPLOSSIVE WELDING TECHNOLOGY

**TECHNO- Cathode Plate Assemblies** are real revolution time saving product Specially designed to meet every requirement of **Electro winning or Electro refining of Copper and Nickel**, or any other application demanding such superior, Fast and controlled Current carrying characteristics. Double side full laser welding technology is used to connect stainless steel blank and hanger bar to avoid weld seam defects and maximise preventing correction. Advanced Permanent moulded P.P edge strip technology promise extended life cycle to the Stain less Steel Blank and ensure safety. Special surface polishing treatment to form a passive film and copper cathode can be easily stripped in the bottom Is an added advantage. All of it is made from excellent quality materials confirm to national and international standard.

We also offer **Cathode Retain service and PP Edge Moulding**, that ensure High efficiency, Low energy consumption, Extended life time of the cathode, improve the tank house efficiency and reduce Operation and Maintenance cost. The process consists of Edge strip detachment, High pressure washing ,Straightening, Vertical deviation Laser test, Surface finishing, Rugosity Check. PP edge strip Injection Moulding and Final Inspection.



### Technical Characteristics

#### HANGER BAR

- ✓ Copper cladding around S.S 304 bar
- ✓ High Strength and anti-corrosion
- ✓ Double side Full laser welding.

#### CATHOD PLATE

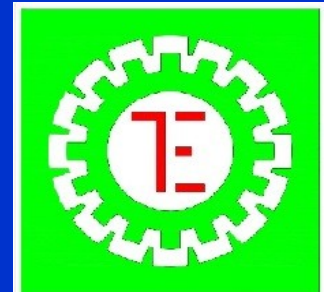
- ✓ S.S 316/ 304/ LDX2101
- ✓ Special Surface Polishing treatment to form passive film
- ✓ Copper Cathode can be more easily stripped in the bottom

#### EDGE STRIP

- ✓ Advanced Edge Strip
- ✓ Permanent Moulded PP Edge Strip.
- ✓ Corrosion and Oil resistant

## PRODUCTS & SERVICES

TECHNO ENGINEERS is a fast growing INDIAN firm manufacturing special purpose machines ventured to provide customized plastic injection molding products with high quality & competitive price to our customers in India and Abroad. We specialize in manufacturing different kinds of plastic parts for a wide range of applications as well as for specific industries including Mining, Automotive, electronic equipment, and household products. etc.



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# TECHNO ENGINEERS

## TRUSTUD TECHNOLOGY PARTNER IN PLASTIC INJECTION MOULDING

### INTRODUCTION

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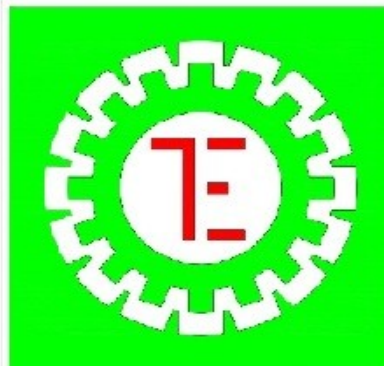
AUSTRALIA- COUSMAG

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**TECHNO**

**TECH+**

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### INTRODUCTION

#### PLASTIC INJECTION MOULDING

✓ Mould Design & Injection Molding.

✓ Mother blank Edge Molding.

✓ Auto mobile Parts.

✓ Electrical Spares & Accessories.

✓ Machinery Spare Parts .

✓ Any Type of Molding Job works



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# TECH+ POLYMER SHUTTERING PLATE

## TECHNO ENGINEERS

TRUSTED TECHNOLOGY PARTNER IN  
PLASTIC INJECTION MOULDING

### FORMWORK SHUTTERING PLATE WITH POLYMER TECHNOLOGY

**TECH+** Polymer shuttering plates are real revolution time saving product specially designed to meet every requirement of **Column beam form work application** or any other application demanding such superior, fast and compaction characteristics. It can be locked by a locking handle which ensures tight fixation of panels. All of it is made from excellent quality materials confirming to national and international standard.

Formwork is a mould or open box, like container into which fresh concrete is poured and compacted. Formwork plays a key role in concrete construction. Forms are the moulds & dies of concrete construction. They mould the concrete to the desired size and shape, control its alignment and position. Formwork also carries the weight of freshly placed concrete.

**Its multipurpose design leading to many other uses like temporary**



**Typical Column block**

**9"x 9/12/15/18 x 24"**



**Polymer shuttering Plate**

**Size 9"x2 4"**

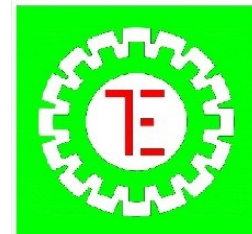
### **Technical Characteristics**

- ✓ Can be used more than 100 times.
- ✓ High Strength, Light weight & easy to handle.
- ✓ Wear ,Corrosion & Termite resistant
- ✓ Having high strength which is easier for transportation.
- ✓ Surface of the formwork is Bright and smooth. It ensures a good finish of walls, slabs, columns, beams etc reducing the need to plaster the walls. also It does not absorb the moisture.
- ✓ It does not need any preservative treatment and It is easy to remove.
- ✓ Durable having long service life. Waste materials can be 100% recycled and reprocessed

### PRODUCTS & SERVICES

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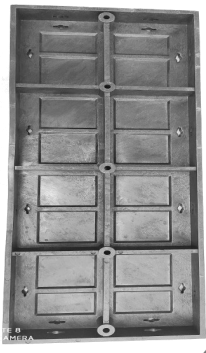
# TECH+ POLYMER PANELS

## TECHNO ENGINEERS

TRUSTED TECHNOLOGY PARTNER IN  
PLASTIC INJECTION MOULDING

### MULTIPURPOSE ADD-ON PANEL WITH POLYMER TECHNOLOGY

**TECH+** Polymer Panels are real revolution time saving product specially designed to meet every requirement of an Industry. It can be locked by a locking handle which ensures tight fixation of panels. Every Industry should have a minimum stock of **TECH+** Polymer Panels to full fill day to day requirements. Its Multipurpose design Leading to Many Uses like setting up a storage, tank for any Solid Materials, Setting up of an ETP side wall, Security wall, setting up of a stair case, In case of civil works – Moulding of Column beam, Protection from Land Sliding, Open or Closed drainage, Temporary Shed, Cable Trench Protection etc. All of it is made from excellent quality materials confirm to national and international standards.



#### Standard Plate Sizes

**120 x 600 x 40 mm**

**230 x 600 x 40 mm**

**300 x 600 x 40 mm**

#### Particulars for      Technical Characteristics      Supplier code /

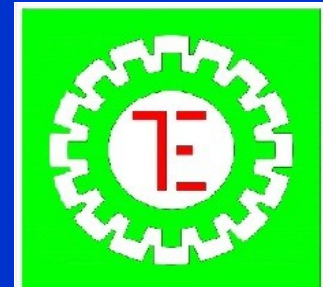
<ul style="list-style-type: none"> <li>✓ High Impact &amp; Tensile Strength.</li> <li>✓ Light weight &amp; Easy to handle.</li> <li>✓ Wear &amp; Corrosion resistant.</li> <li>✓ Weather Proof &amp; Water proof.</li> <li>✓ Bright and smooth finish.</li> <li>✓ Low Flammability.</li> <li>✓ Durable having long service life.</li> <li>✓ 100% Recyclable.</li> <li>✓ Easy to assemble and Dismantle.</li> <li>✓ Can Customize according to application.</li> </ul>	Material	GF PP
	Brand	TECH +
	Surface	Smooth
	Color	Black
	Max. Service Temp.	130 oC
	Density	0.91g/cm2
	Usage	Industrial
	Size	Rate- Rs./Ps.
	120 x 600 x 40 mm	360/
	230 x 600 x 40 mm	550/
300 x 600 x 40 mm	720/	

<u>Other Use</u>		
Packaging boxes (RTP)	Storage shelf	Welding Screen
Industrial Crates	Battery Case	Barrier Protection
Foot plate	Earthwork support	RCC Moulding
Material Shifting	Partition wall	RCC Form works
Floor pallet	Shelter house	Gutter line
ETP Storage	Canal side wall	

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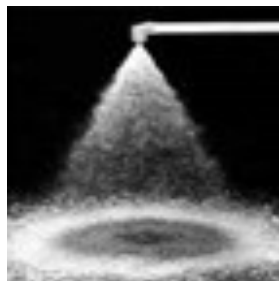
# CYCLONE SPRAY NOZZLE

## TECHNO ENGINEERS

TRUSTED TECHNOLOGY PARTNER IN PLASTIC INJECTION MOULDING

### CYCLON SPRAY NOZZLE WITH HOLLOW CONE TECHNOLOGY

**TECH+ CYCLONE SPRAY NOZZLES** are a real revolutionary time saving product specially designed to meet every requirement of Industrial Cooling Tower Technology, Cooling Tower is an essential part of every industry, Uniform distribution of water is crucial to maintain cooling tower efficiency, **TECH+ CYCLONE SPRAY NOZZLES** have unique Hollow Cone design which helps to spray water in an annular area and create fine particle spray even at low inlet pressure. These nozzles are high temperature resistant and have non-clogging design, Its robust structure ensures a long life and does not demand any down time for replacement. All of it is made from excellent quality material confirming to national and international standards.



### Technical Characteristics

- ✓ Hollow cone design.
- ✓ Works at low Inlet Pressure.
- ✓ Non -Clogging.
- ✓ Uniform water distribution.
- ✓ Bright and smooth finish.
- ✓ Operational Flexibility.
- ✓ Durable having long service life.
- ✓ Easy to assemble and Dismantle.
- ✓ Can Customize according to application.
- ✓ 100% Recyclable.

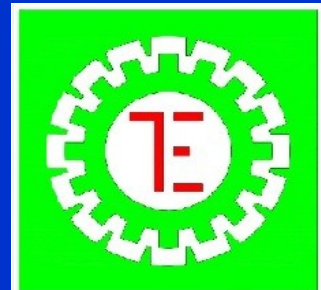
Material	PP
Brand	<b>TECH +</b>
Surface	Smooth
Color	Black/ White
Max. Service Temp.	130 oC
Pressure	0.5kg/sq.cm
Spray Angle	110 degree
Application	Cooling Tower
Inlet Fitting Size	3/4" STD
Rate	Rs. 455/

<b>Other Use</b>	Fire fighting
Chemical Storage Tank cooling	Gas scrubbers
Cleaning of Conveyor belt	Exhaust gas cooling
Water treatment Plant	Washing process
Dust suppression	Cooling of Building roof

### PRODUCTS & SERVICES

TECHNO ENGINEERS is a fast growing INDIAN firm manufacturing special purpose machines ventured to provide customized plastic injection molding products with high quality & competitive price to our customers in India and Abroad.

We specialize in manufacturing different kinds of plastic parts for a wide range of applications as well as for specific industries including Mining, Automotive, electronic



#### Factory & Office

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# TECHNO ENGINEERS

TRUSTUD TECHNOLOGY PARTNER IN  
PLASTIC INJECTION MOULDING

## LED PILOT LAMP POLYMER SPARES

## PRODUCTS & SERVICES

### NORMAL / DISPLAY / BACK UP DISPLAY LED PILOT LAMPS

**TECHNOFORMS- LED PILOT LAMP Polymer spares** are real revolution Energy saving product specially designed to meet every requirement of **Indicating application** for the Electrical Panel boards or any other application demanding such superior quality and heat withstanding characteristics. All of it is made from excellent quality materials confirm to national and international standard.

We offer you a wide ranges and colors to meet the Industrial standards also we offer Electronics technology to built LED Pilot Lamps,



### Technical Characteristics

#### DIAMENSIONAL

22.5 mm dia cut out

#### POLYMAR MATERIALS

✓ Main body and nut made of GFN to

withstand high temperature.

✓ Front Transparent caps are made of PC to prevent scratch or damages and withstand high temperature

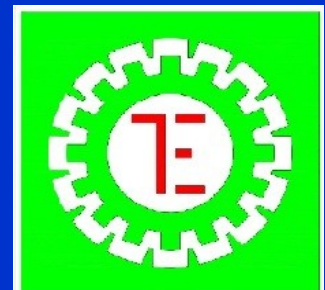
✓ High Strength, Light weight & easy to handle.

✓ Wear & Corrosion resistant



Products	Products Description	Ord.Code	Min.Qty.	Rs./Ps
	NL Red LED Pilot Lamp	20070101	500 No's	50/-
	NL Amber LED Pilot Lamp	20070102	500 No's	50/-
	NL Green LED Pilot Lamp	20070103	500 No's	50/-
	NL Blue LED Pilot Lamp	20070104	500 No's	50/-
	DL Red LED Lamp	20070201	500 No's	55/-
	BDL LED Lamp	20070301	500 No's	70/-

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