

# TRAFFIC SAFETY PROFILE



# ZASHPAK ENGINEERING

## **INTRODUCTION**

ZASHPAK Engg Services (TSS) as a manufacturing & service company in the field of Engg & TSS(Traffic safety system) has retained vast experience in that fields. ZASHPAK Engg. Was established by a team of highly qualified and experienced personnel in 1994 we have introduced ourselves as a tower manufacturing concern. In the field of tower fabrication & erection, have Sound experience of 10 years. 500-700 tone capacities per month. Very sound working track with almost all renowned telecom operators, I.E. WARID, MOBILINK, U-FONE, TELENOR and WORLD CALL.

We deal local fabricated

ANGLE, MONOPOLE & TUBULAR TELECOM TOWERS WITH HOT DIP GALVANIZING.

We have qualified & experienced staff for fabrication; erection and hot dip galvanizing

now, we are glaring to announce that we have also introduced ourselves in traffic safety systems since 2006. Accomplished many projects in that context ZASHPAK is one of pioneer in Pakistan whose are providing all services of road safety works under one platform. Our major products in road safety works have detailed below

**1.Street Lighting Poles Turnkey**

**2.Road Studs/Cat Eyes**

**3.Gantry Signs & Structures**

**4.Road Marking/Painting**

**5.Guardrail&Road Side Fence**

**6.Convex Mirror(circular/rectangular)**

**7.safety signage, delineator, directional sign**

**8.safety helmet, goggle, gloves**

We follow international standard of quality in traffic safety.

### **Main Business Activities**

Construction - Road Safety Products manufacturer

Telecommunications – Network wireless Communications

All our Staff is making their efforts to contribute to the development of the Engineering & Construction industry with a SLOGAN of “**Customer Confidence**” Perfect manufacturing & Services, Crafts man’s Spirit, Quality first based on advanced equipment, Top-class technical staff & Best Engineering & Construction Performance. We promise to make more efforts to create a new culture of Engineering & Construction industry.

Address: Suite#01,04, Al-Fazal Building, 50-A Steel Market  
Dil Muhammad Road near Brandreth road Lahore  
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Cell: 0321-4844548, 312-4844548  
Email: zashpak@gmail.com Web: www.zashpak.com

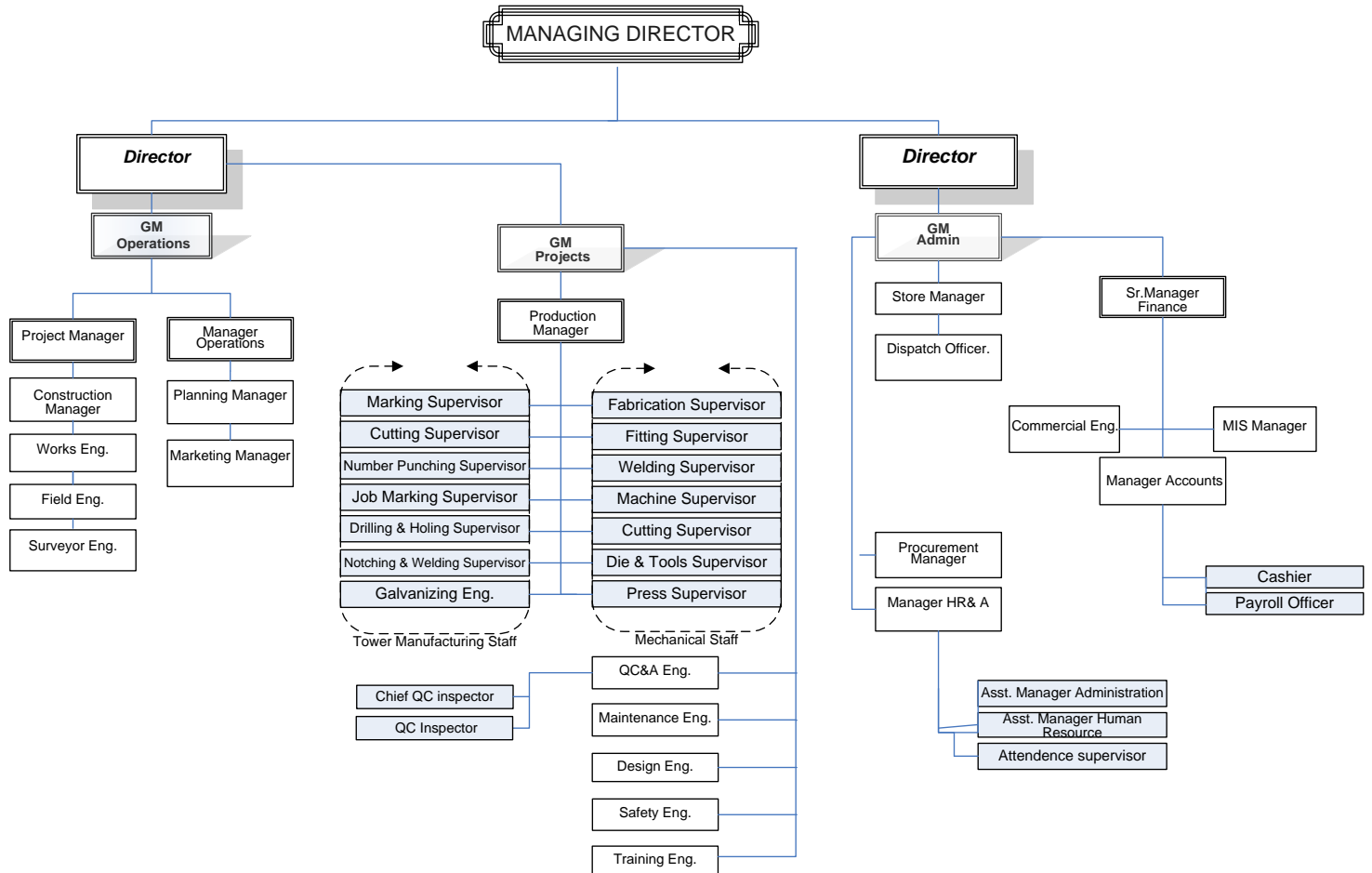
## **MD'S MESSAGE**

ZASHPAK Engg as a manufacturing & service company in the field of Engineering & Construction where everyone is strive to meet the highest standards of quality and professionalism a formula of success has summarized in shape of the Company values, Philosophy, Code of Conduct, and Vision & Mission. We believe while working on these guidelines together we will make the Company a top rank in Pakistan.

- We want the employees to think “**outside the box**” and create new opportunities.
- Our ultimate goal at ZASHPAK Engg is to provide efficient and professional services to our clients at all times.
- Our mission to provide active, value added services to customers without compromising on quality.
- Our team is blend of experienced, young and enthusiastic professionals in Mechanical, Electrical and Civil Construction fields, capable of undertaking and executing contacts of any size and nature.

Once again we thank you for being a part of our successful team

# ORGANIZATION CHART



## WHY ZASHPAK ENGG

### Why ZASHPAK Engg Services (TSS) is Unique

- ✓ *Providing the best quality*
- ✓ *Innovative and new things provided*
- ✓ *Dynamic Mode of Contracting Principals*
- ✓ *Lowest delivery period*
- ✓ *Providing number of products*
- ✓ *Provide full satisfaction to the client*
- ✓ *Technical Experts*
- ✓ *Hardworking and committed working persons.*
- ✓ *Provide service all over the country*
- ✓ *Work in different weather conditions*
- ✓ *Time stipulated in normal conditions*
- ✓ *The best service in the whole town*
- ✓ *Restless and Energetic team*
- ✓ *Great Coordination with the Customers*
- ✓ *The most reasonable rates in the whole town*

There are several more reasons why you should consider using the services of ZASHPAK to help your organization achieve its objectives. The strengths of our distinctive approach include:

#### **Flexibility**

We tailor our services to meet your needs in terms of quality, time or budget. No job is too small or too big, no professional team too broad or too narrow. We will work closely with your staff or leave you alone until we come back with answer.

**Integration**

We package our services to meet multi-disciplinary tasks, drawing on the services of a wide and deep in-house expertise which is expanding all the time. Neither the world is divided into little boxes and nor we think so.

**Problem-solving**

Our staff solve problems in orthodox and straightforward ways where required or in innovative, imaginative but practical ways when the task is complex and unfamiliar. If there is an off-the-shelf solution, we'll provide it, but if not, we'll build a new shelf. If you've called everyone else and are still disappointed, let us have a look at it. The difficulty is where the fun is!

**Listening Culture**

Our people know how to listen as well as talk. Our first task is always to establish what you are looking for – or if you are unsure of a direction, to let you know the options and critical factors to help arrive at a decision. ZASHPAK works with its clients rather than for them and we start with your needs.

**Value for Money**

We offer value-for money solutions – you only get the level of expertise you need and we package our inputs to fit budgetary constraints.

**Quality**

The most important function of our senior staff is to ensure the quality of the work that relates to the office or is undertaken on site. We temper enthusiasm with experience to make sure it's right.

**Vision**

Quality consulting and development solutions worldwide.

**Mission**

Meeting the needs of clients and community through technical excellence and innovation.

# QUALITY POLICY

## Introduction

ZASHPAK Engg applies Quality Assurance standards to our technology and product development as well as to our Professional Services. Following these acknowledged standards and guidelines, ZASHPAK Engg is dedicated to quality and continuous process improvement for customers, partners and employees.

Our responsibility is to ensure that through standards and measurements, the level of quality at ZASHPAK Engg matches or exceeds our customers' expectations.

We develop organizational excellence and quality awareness through systematic process improvements, training, measurements and development of customer, partner and employee satisfaction programs.

Quality is an integral part of our commitment to world-class technology, products and Professional Services. Depending on the business area, our quality planning includes development plans, quality plans, documentation and training plans, configuration management plan, product release and delivery plans, and certification (testing) plans.

We rely upon a detailed document which outlines the way in which Quality Management and Quality Assurance Procedures interact with the development and Professional Services processes. The following is a brief summary of that document.

## Purpose

The purpose of Quality Assurance is to provide a solid mechanism for producing solutions and services to meet our customer's requirements. This is achieved by the prevention of non-conformance at all stages from development through to maintenance and by active and continuous improvement.

## Approach

Our approach to Quality Assurance is based on peoples.

People ZASHPAK Engg has succeeded in a competitive environment through the efforts of its employees who are highly motivated, skilled and trusted. We do not differentiate roles by job titles, or by a hierarchy. With this flexibility comes a collective responsibility for Quality Assurance and the opportunity to nominate individuals to particular roles within a team working on any particular contract or commitment.

## Primary Statements

The following are our primary quality statements, upon which our Quality Assurance system is based on.

1. We publish a Quality Policy, which we ensure is understood, implemented and maintained throughout the company.

2. We empower all ZASHPAK Engg personnel to initiate actions to prevent product or service non-conformance, to identify and record any quality problems, and to recommend solutions or improvements.
3. For every commitment there is a nominated Lead Customer Contact, Lead Technical Contact and Quality Manager.
4. Verification activities including inspection, testing of processes, products and services, design reviews and system audits are carried out by dedicated personnel other than those responsible for the commitment concerned.
5. We work with our customers to define reasonable expectations of ZASHPAK Engg and services and to review results.
6. An independent Director of ZASHPAK ENGG reviews Quality Systems as applied to each commitment, to determine whether a need for future changes is indicated.
7. Contracts are reviewed by an independent Director of ZASHPAK ENGG before being made, and are subject thereafter to a Contract Management process, coupled to an audit trail of customer requirements and agreed changes.
8. A systematic design methodology, appropriate to each type of solution and service, is employed utilizing lessons learned from previous experiences.
9. In signing off each commitment, Directors of ZASHPAK Systems confirm that each stage of the process, from specification through to design, implementation, has been completed in accordance with our Quality System.

With our Quality Assurance plan, such that the processes therein are imbued in the everyday work of ZASHPAK ENGG employees rather than merely listed in a manual, we aim to minimize misunderstandings, conflicts and errors. We are convinced, as our experience proves, that this approach leads to satisfaction for us and for our customers and partners



## **HEALTH, SAFETY, ENVIROMENT**

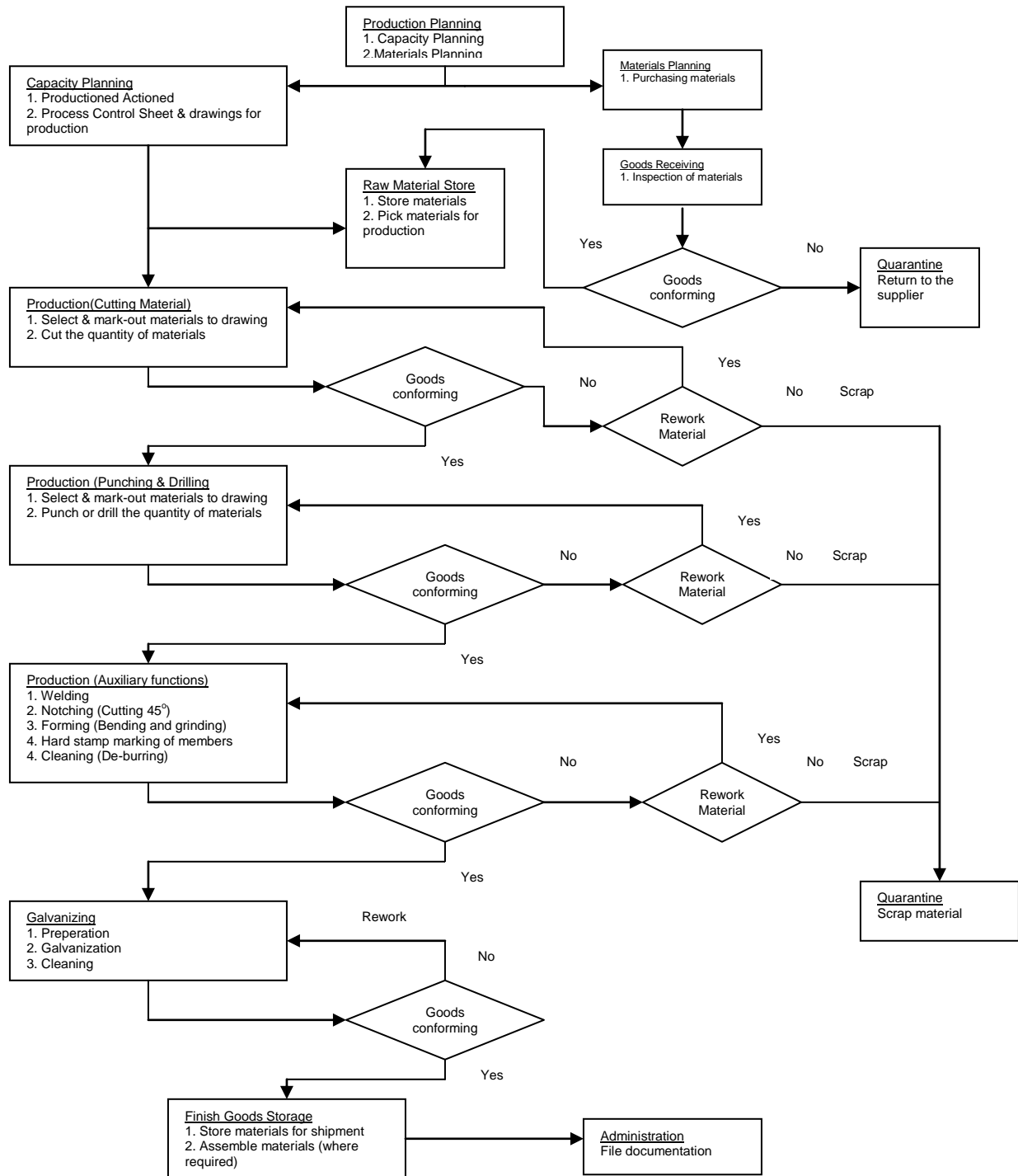
ZASHPAK Engg goal is to satisfy our Clients/Customers needs and assist them in getting their objective as they related to construction sites. We maintain and efficient and safe work environment for all personnel. In our effort to attain these goals ZASHPAK ENGG has adopted PPE (Personal Protective Equipments), safety policies procedures and standards industrial practices for use in our operations. ZASHPAK safety Engineer gives the instructions to our all supervisory personnel's and technicians for following these rules, procedures at all time.

If a situation arise where an employee is asked or ordered to deviate from ZASHPAK 's safety Operation policies or if the employee delivers that such action which threaten the safety of the person or equipment, the employee shall immediately contact their supervisor for assistance in resolving the situations. The safety supervisor will be responsible for the ultimate resolution of any unsafe situations.

ZASHPAK realize that compromising in areas related to safety, health and environment will be only jeopardizing the goals and objective of our company. ZASHPAK ENGG commits itself to assist our employees and Clients/Customers in fulfilling responsibilities. ZASHPAK Targets' Zero Fatalities and Zero major environment incidents

It is commitment of the Management, Managers and Supervisory staff of ZASHPAK Engg to provide all of you with safe & healthy environment to work

## PRODUCTION PLAN



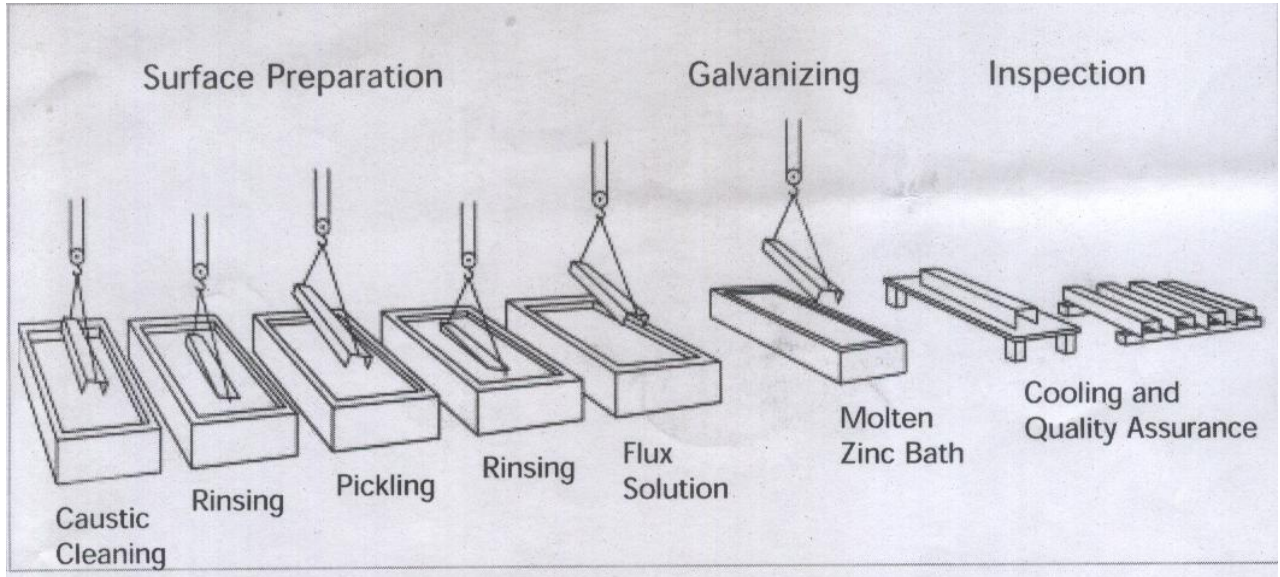
**LIST OF MECHANICAL STAFF**

<i>Assist. Engineering:</i>	<i>02 Nos.</i>
<i>Associate Engineer for Quality Inspection</i>	<i>02 Nos.</i>
<i>Associate Engineer for Production</i>	<i>01 Nos.</i>
<i>Associate Engineer as a Site Engineer</i>	<i>04 Nos.</i>
<i>Fabricators</i>	<i>02 Nos.</i>
<i>Fabricator Helpers</i>	<i>10 Nos.</i>
<i>Fitter</i>	<i>03 Nos.</i>
<i>Welders</i>	
<i>CO<sup>2</sup></i>	<i>01 Nos.</i>
<i>Argon Welder</i>	<i>02 Nos.</i>
<i>X-Ray Welder</i>	<i>01 Nos.</i>
<i>Tacking Welder</i>	<i>01 Nos.</i>
<i>Welder Helper</i>	<i>07 Nos.</i>
<i>Press Man</i>	<i>01 Nos.</i>
<i>Dye Maker</i>	<i>01 Nos.</i>
<i>Machinist</i>	<i>01 Nos.</i>
<i>Turner</i>	<i>02 Nos.</i>
<i>Regger</i>	<i>05 Nos.</i>
<i>Procurement Person</i>	<i>02 Nos.</i>
<i>Drafts Man</i>	<i>01 Nos.</i>

## LIST OF PLANTS & EQUIPMENTS

Welding Plant – method CO <sup>2</sup>	450 A	04 no
Welding Plant – method Argon	300 to 600 A	02 no
Welding Plant – method Arc	250 to 600 A	01 no
Grinding Machines 7” & 4”		10 no
Cutting Machines		05 no
Level Different Size		20 no
Radial Drill Machine having capacity of 6mm to 150mm		01 no
Automatic Drill Machine		01 no
Manual Drill Machine (heavy)		01 no
3 Head Heavy Duty Drill Machines		01 no
2 Head Heavy Duty Drill Machines		01 no
Chain Block Different Size		03 no
Generator Diesel		01 no
Cattle for TP painting		01 no
Applicator TP Machine		02 no
Applicator CR Machine		03 no

## HOT-DIP GALVANIZING PROCESS



**Surface Preparation.....** This is an extremely important step in the process since zinc will not react to improperly treated steel. The following operations are performed:

- **Caustic cleaning** - to remove organic matter such as dirt, paint, oil and grease
- **Acid pickling** - to remove scale and rust
- **Fluxing** - to prevent oxides from forming prior to galvanizing

**Galvanizing.....** The material is thoroughly dried after surface prep and then totally immersed in a bath of molten zinc at 840°F. During this process the zinc is metallurgical bonded to the steel forming a progression of zinc-iron alloy layers. Upon removal from the bath the material is drained, vibrated or centrifuged to remove excess zinc.

**Quenching.....** The galvanized steel is then dipped in a dilute chromate solution to give a longer lasting luster and to reduce temperature for prompt handling and inspection.

**Inspection.....** The process is completed by a careful inspection of the zinc coating for thickness, adherence, uniformity and appearance. Also meter is used for this purpose. That measure exact micron's thickness of Zinc.

## PICTORIAL HIGHLIGHTS OF WORKS

### GANTRY SIGN & STRUCTURE



# ZASHPAK

#### Product Range

##### Gantry & Safety Sign

Gantry Sign

Safety Sign

Canti Lever

Triangular Sign

Circular Sign

Rectangular Sign



#### Quality with Standard





## ROAD MARKING & CATEYE



# ZASHPAK



*On Roads,*

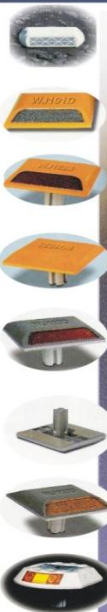
Zashpak Engineering efficiently works on Lane Marking with CR-Paint, TP- Paint, Curb Stone. Fixing of Reflective Studs / Cat Eyes and also Guardrail nation wide.

*High Performance!*

Zashpak Engineering have an experienced teams in the field of Lane Marking, Cat Eyes Fixing, Guard railing with trouble free performance and quality of work.



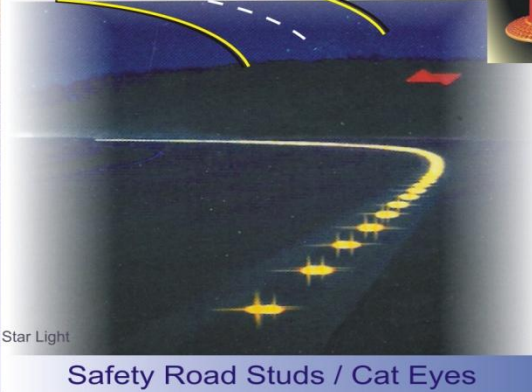
# ZASHPAK



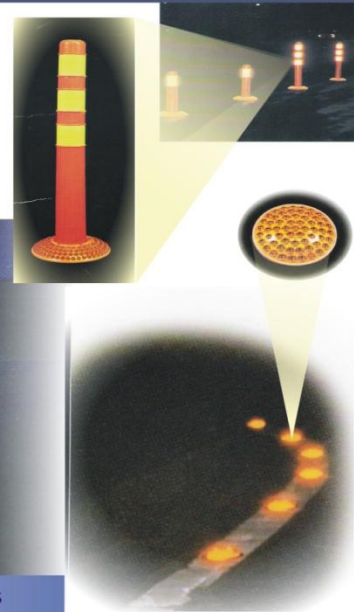
Plastic Road Studs  
Aluminum Road Studs  
Star Light Road Stud  
Solar Reflector  
Solar Road Stud  
Road Line Delineator  
Road Line Delineator with Star Light

*High Performance*  
delineation guides drivers to  
*greater safety*

*On Roads,*



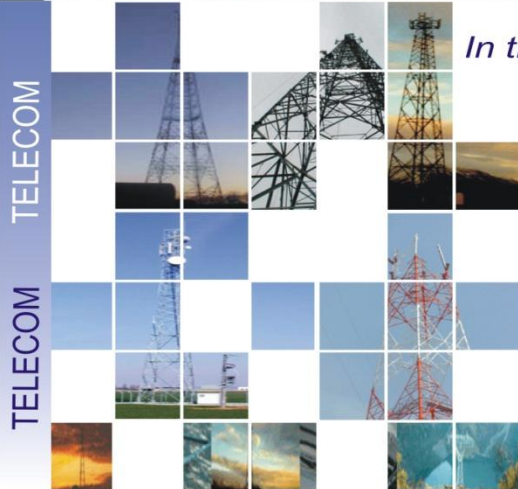
**Safety Road Studs / Cat Eyes**



# TELECOM TOWER



# ZASHPAK



*In the field of  
Telecommunication*

*Design  
Fabrication  
Erection  
Galvanizing  
& Painting  
of Telecom Towers*



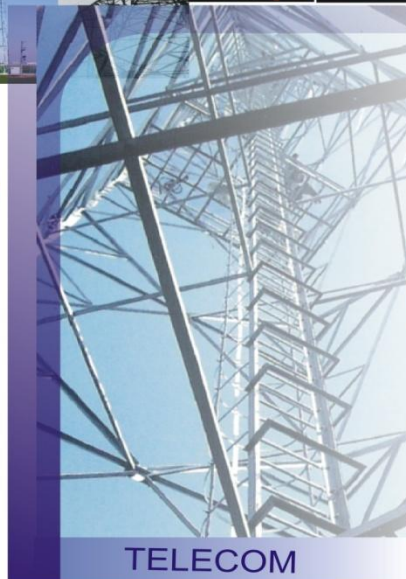
# ZASHPAK



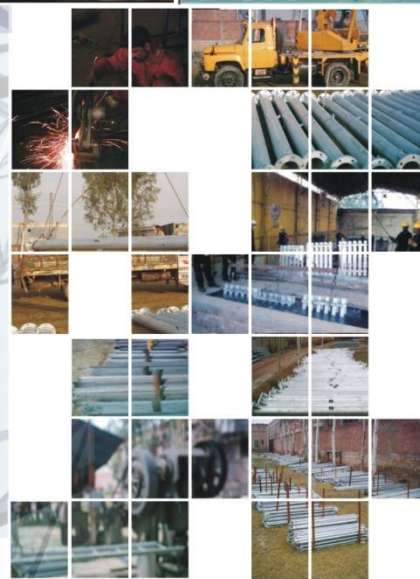
*Telecommunication*

*Zashpak Engineering Services  
manufactures a large variety of  
towers Such as Tubular &  
Angular Tower for Army  
Aviation, Radio, Mobile  
Networks, Electricity etc.*

*When you choose  
Z A S H P A K , you  
buy reliable products which  
will give you years of  
trouble free performance.*



TELECOM





# STREET LIGHTING POLE



# ZASHPAK

*In 2006, ZASHPAK  
manufactured its first  
Octagonal Steel Lighting  
C o l u m n .  
Customisation is not a problem!*

## Specification

Octagonal steel lighting columns are available in mounting heights from 3 to 15 metres.

They can be used for post top applications or supplied with demountable or integral bracket arm arrangements.

## Corrosion Protection

The standard corrosion protection system is hot dip galvanised to BS. In addition, a variety of root treatments and full paint specification options are available.

## Quality Assurance

ZASHPAK Eng. operates a Quality Assurance system which complies with requirements of BS EN ISO 9001:2000. Our welders and welding procedures are independently certified in accordance with BS.



# ZASHPAK

## Product Range Product Range

### Lighting Columns

Galvanised Steel  
Stainless Steel  
Aluminium  
Octagonal  
Tubular  
Square  
Decorative

### Overhead Traffic Signal Poles

### Octagonal & Tubular

### Specialist Poles

Transmission Poles  
CCTV Poles  
Banner Poles  
Festive Poles  
Flag Poles  
Decorative Columns

### Accessories

Pole Banding Systems  
Pole Brackets  
Anchorage Systems  
Bracket Arms  
Anchor Bolts  
Overhead Line Accessories

## Octagonal Steel Lighting Columns

Octagonal Range  
3 to 15 metres

*Raising the Standard*

## **BRIEF INTRODUCTION**

### **LIST OF CURRENT PROJECTS COMPLETED**

- **Wiring & Erection of 25 FT height double arms steel tubular poles at Thokar-Kacha-mile LHR**  
Contractor; AL-KHAN CONSTRUCTION COMPANY  
Client: LDA
- **Fixing of 75 no's flood lights at around of boundary walls for SHAHLIMAAR PAPER MILL.**
- **Wiring of furnace plant, main panel board & overhead crane at PAK FOUNDARY –KOT LAKHPAT LHR.**
- **Fixing of 35 no's double arms steel tubular poles at kot lakhpat phatak lhr**  
Contractor: AL-KHAN CONSTRUCTION COMPANY  
Client: LDA
- **Supply and Fixing of Guardrail & Cateye at GT-N5 Noshehra to Peshawar**  
Contractor: Put Sarajevo (General Engg Co. Bosnia Herzegovina)  
Client: NHA  
Consultant: NESPAK
- **Fabrication of Street Lighting Poles at HARIS & CO.**
- **Pipeline & street lighting poles of Water Treatment plant at kasur**
- **Gantry Sign & Structure at Mall Road underpass & Jinnah Hospital underpass & doctor hospital underpass Lahore:**  
Contractor: sarwar & Co.  
Client: CWD
- **Supply & Fixing Of No. 128 Street Lighting poles turn-key and Gantry Sign & Structure at kasur to Gandasingh border. Approx.14 KM road.**  
Contractor: Put Sarajevo (General Engg Co. Bosnia Herzegovina)  
Client: C & W  
Consultant: ACE & NESPAK
- **Road marking, supply & Fixing of Cat Eye and Sign board at project N5 lahore~sahiwaal Section**
- **Supply & faxing of cateye and road marking at hayatabad Peshawar.**  
Contractor: Mohmand Construction pvt ltd.  
Client :PDA

- **Fabrication, erection & cabling of street lighting poles at Lahore Ring Road package-12.**  
Contractor: Put Sarajevo (General Engg Co. Bosnia Herzegovina)  
Client: PMU  
Consultant: NESPAK
- **Road marking, Gantry sign & kilometer post at jhang to multan road package IV**  
Contractor: CWE  
Client: C & W  
Consultant: NESPAK
- **Road marking, curve stone painting and fixing of “Ennis” cat eyes at SUN FORT GARDEN raiwind road kasur (a project of qohat cement pvt ltd)**
- **Supply & Fixing of 104 Street Lighting poles turnkey, guardrail, Gantry sign & Structure, road marking and Aluminum Cateye at Haran Minaar interchange M2(3 kilometer ahead from sheikhupura interchange)**  
Contractor: Luqman Brothers Construction Co.  
Client: NHA  
Consultant: EA
- **Supply of aluminum road stud 4 x 8” at chungi kanchi flyover**  
Contractor: ZKB-Reliable JV  
Client: LDA-TEPA  
Consultant: NESPAK
- **Fabrication of 04 Monopole Telecom Towers at Afghanistan**  
Contractor: Al-Gurair MTI LLC Dubai  
Client: Roshan Telecom Afghanistan
- **Supply and Fixation of cateye And Different Safety Works at Mangala Cantt.**  
Contractor: Zashpak Engg  
Client: MES(Military Engineering Services)
- **Supply and fixation of aluminum cateye on various places of Gujranwala district.**  
Client: City District Gujranwala  
Contractor: M.F. Karim construction co.
- **Supply and fixation of aluminum cateye on tablighi ikjram road raiwind district lahore**  
Client: ferozsons and sundar industrial states  
Contractor: Zashpak engineering services

- **Supply of 269 8 meter high hot dip galvanized octagonal poles for different provinces of Afghanistan**  
Client: USAID  
Contractor: PITC
- **Supply and fixation of Cateye and Road Marking Paint at Vihari multan**  
Client: Punjab highway authority (PHV)  
Contractor: Zashpak Engineering services
- **Supply of Aluminum Cateye**  
Client: FWO  
Contractor: Zashpak Engineering Services
- **Supply and installations of aluminum Cateye, Road Marking Paint. Rubber Speed Humps,**  
Client: Engro Fertilizers  
Contractor: Zashpak Engineering Services
- **Supply And Installation of Plastic Cateye, Road Marking Paint**  
Client: Gujranwala Cantt.  
Contractor: Zashpak Engineering Services
- **Supply and fixation of aluminum Cateye as breaker and Pillar Corner**  
Client: Ferozsans Laboratories'  
Contractor: Zashpak Engineering Services
- **Supply of Rubber Speed Humps approx 1000 Mtr at Bahria Town Brand "FlexoGuard"**  
Client: Bahria Town'  
Contractor: Zashpak Engineering Services
- **Supply and fixation of Column Guard , parking Sign and cateye**  
Client: Gourment Restaurant and H.office Gulberg Lahore  
Contractor: Zashpak Engineering Services
- **Parking Safety items solutions**  
Client: Emporium mall Johar Town Lahore  
Contractor: PolyCraft
- **Supply and fixation of 164 Nos. of octagonal 8M Height street lighting poles at New City Form House Sargoda**  
Client: Mian Brothers  
Contractor: Zashpak Engg.

- **Supply and fixation of Cateye, road marking , Street Sign of Model Trade Centre Ferozpur road Lahore**  
Client: Model Housing  
Contractor: Zashpak Engg.
- **Road Marking, Cateye, Speed hump , LED Lights at Abdullah Garden Faisalabad**  
Client: paracha Group  
Contractor: Zashpak Engg.
- **Supply of parking solution products to Atlas Honda Karachi**  
Client: Atlas Honda  
Contractor: Zashpak engg:
- **Supply and fixation of automatic barrier, cateye, Wheel Stopper , Dock fender, Corner Guard, angle reflector and different safety products**  
Client: interloop Faisalabad  
Contractor: Zashpak Engg.

#### **ONGOING PROJECTS:**

- **Supply and fixation of aluminum Cateye and road marking in whole unit of Engro Fertilizer**  
Client Engro  
Contractor: Zashpak Engineering
- **Supply of Road safety items “cateye” “ aluminum Studs “ to Mangala cantt**  
Client: MES  
Contractor: Roshan khan & company
- **Supply and fixation of complete parking solution for approx 800 vehicle at DHA Banquet Hall Lahore**  
Client: DHA Lahore  
Contractor: Tameer Associate



## COMPANY NTN



Revenue Division  
**Central Board of Revenue**  
Government of Pakistan

### **NATIONAL TAX NUMBER CERTIFICATE**

(Issued under section 20 of the Finance Act, 1999)

National Tax Number (NTN): 2969325-0

Name: ZASHPAK ENGINEERING SERVICES

Address: FIRST FLOOR LAHORE MEDICAL HALL BUILDING  
KASUR

Status/Nature: AOP

CNIC/Firm Reg./Company Inc. Number:

**This Certificate shall be prominently displayed at a conspicuous place of the premises in which business or work for gain is carried on. It is also required to be indicated on the signboard where it is affixed.**



Date of Issue 01/09/2007

PARTNER IN PROGRESS



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