

## Clientage



**National Highways and** Infrastructure Development Corporation Ltd.











दिल्ली मेट्रो रेल कॉरपोरेशन लिमिटेड DELHI METRO RAIL CORPORATION LTD.





















# ENGICONS PVT. LTD.



(Formerly Known as L.K.Engicons)

AN ISO 9001: 2015 CERTIFIED COMPANY RDSO APPROVED

(POT cum PTFE, Elastomeric Bearing and Expansion Joints)

# **Manufacturer & Suppliers of**

- All types of Bridge Bearings (Spherical Bearing, POT-PTFE Bearing, Rocker - Roller Bearing & Elastomeric Bearing)
- Bridge Expansion Joints (Single Strips Seal, Slab Seal, Copper Joint & **Compression Seal Joint)**
- Fabrication, Erection & Launching of Heavy Steel Girder and Foot Over **Bridge**
- Rehabilitation of Structure
- Pre-Stressing Work & Materials



: 113,114, Bhawanpur, Meerut-250001 (U.P.)

: Ikengicons@gmail.com / sales@lkengicons.com

: www.lkengicons.com

**()**: 7302657771-5



#### TYPE OF BEARINGS :

- POT cum PTFE BEARING
- ROCKER-ROLLER BEARING
- SPHERICAL BEARING









#### **BRIDGE EXPANSION JOINTS:**

- (I) Single Strip Seal Expansion Joint consist of two edge beams with anchorage and elastomeric seal held firmly in the housing of edge beam that guarantee water tightness.
  - (a) F-TYPE
- (b) M-TYPE
- © K-TYPE







- Slab Seal Expansion Joints.

Compression Seal Joints.

Copper Joints

#### DRAINAGE SPOUT

We are engaged in delivering best series of Drainage Spout in varied specification or as per drawing provided by our clients.





### **STEEL GIRDER FABRICATION (PLATE AND TRUSS)**

LK Engicons Pvt. Ltd. has the capacity to fabricate single pieces of up-to 15 MT can be fabricated. Facilities with covered area of over 10,000 sq.m and open fabrication yards of 20,000sq.m, with EOT cranes, are available for fabrication.

LK Engicons Pvt. Ltd. has modern fabrication facilities housing CNC Profile Cutting Machines, CNC drilling machine, Welding Transformers/ Rectifiers TIG, MIG, CO2, Semi-Automatic Submerged ARC Welding machines, Electroslag Welding Machine, continuous Beam straightening machine etc.

LK Engicons Pvt. Ltd., with its in-house physical and chemical testing facilities and a dedicated Quality Control team, ensures complete customer satisfaction. Testing facilities available include Ultrasonic Testing Machine, Radiography Equipment, Magnetic Particle Testing Machine, Ultrasonic Surface Finish Tester, Die-Penetrant Testing Facility, Digital Hardness Tester, RAM Testing Facility (1:4), Digital Height Gauge, either in-house.

Being an 9001:2008 accredited company, stringent quality systems are an integral part LK Engicons Pvt. Ltd. manufacturing processes. Both, in-process and final inspections are carried out by a team of trained quality engineers. The company management practices and trusts Total Quality Management.

#### Facilities available include:

- CNC Profile Cutting Machine
- CNC Drilling machine
- SAW Machine
- TIG, MIG, CO2 Welding Machines
- H/I Beam Straightening Line
- Hydraulic Presses up-to 1000 Ton Capacity
- Grit/Sand Blasting
- Spray Metalizing Facility
- Painting Booth/Covered Painting Area







## METAL BEAM CRASH BARRIER

LKE make Metal Beam Crash Barriers is and industry standard highway safety product used as a safety system not only providing traffic streamlining but also protection from vehicular loss of control. Installed by the road sides of two lane roads or along curves or along the middle of the highway, the steel metal beam crash barrier absorbs the shock of vehicle impact and guides vehicle in direction of the traffic flow.

#### REPAIR AND REHABILITATION OF BRIDGES

L.K. Engicons Pvt. Ltd. works with an integrated Design and Project Divisions also undertake Repair and Rehabilitation of Bridges under difficult site condition.

Correct diagnosis of distress, proper and timely rehabilitation measures go a long way in increasing the life span of Bridges. Many-a-times, the causes of distress are visible and known, like distress during earthquake or impact or the exerted loadings exceeding the designed loads, Failed Expansion Joints and Bearings etc.







#### **ABOUT US**

Incorporated in the year 2017, "LK Engicons Pvt. Ltd." is one of the approved RDSO railroad company based in India, operating in the field of Road and Bridges, we specializes in Bridge Bearings (Spherical Bearing, POT-PTFE, Rocker-Roller & Elastomeric Neoprene), Bridge Expansion Joints (Strip Seal and compression Seal & Slab Seal type), Drainage Spout, Girder Fabrication, Erection & Launching and Bridge Rehabilitation works and other Bridge Products.

Featuring quality materials, providing experienced and reliable services; LK Engicons Pvt. Ltd. satisfies the requirements, cost effectiveness and performance. Quality and on time delivery are our core values and we strive to live by our motto "Quality, Commitment & Confident". These values give LK Engicons Pvt. Ltd. an edge and are a great source of convenience for its clients.

#### **QUALITY POLICY**

We, "LK Engicons Pvt. Ltd." committed to satisfy our customers by design & Manufacturing of Structural Bearings & material handling equipments, as per customers requirements, by timely delivery & after sales services.

We shall strive to achieve this by a process of continual improvement in the areas of operational system by giving emphasis on technology up gradation, training to employee and cost consciousness.



#### **QUALITY STANDARD & CONTROL**

We, "LK Engicons Pvt. Ltd." an ISO 9001:2008 certified company is engaged into design, manufacturing and exporting Structural Bearings, Material Handling Equipments and Bridge Expansion Joints. Our Company has set a strong foothold in the industry as an undisputed lead in our business domain.



Owing to our excellent process, our range is approved by companies in the Government Sector such as M.S.R.D.C, M.M.R.D.A, P.W.D, approved by the Ministry of Road Transport & Highways for all the types of JOINTS SYSTEM without any restrictions on their movement capabilities and STRUCTURAL BEARINGS. We have also been approved by Research Designs & Standards Organization (R.D.S.O.), National Highway Authority of India, Border Road Organization, Government of India, Ministry of Railways for Bridge Bearings, Expansion Joints and Steel Girder Fabrication.

We have supplied Joints & Bearings to Bridge Contractors all over India for various National Highways, State

Highways & Expressways and also to several prestigious projects and other private Sector companies as well. We
possess a wide distribution network which allows us to deliver our range within the set period and attain 100% client satisfaction.

Under the guidance of our mentor Mr. Sameer, we have been able to carve a niche for ourselves in the Indian and Global Market. He has an industry experience with a reputed Bridge Bearing manufacturing company.



LKE is managed by a team of highly qualified engineers, professional executives and support staff in technical, mechanical, civil and electrical disciplines to look after design, production, quality control, marketing and co-ordination activities. We have fully equipped with latest plant and machines for manufacture of our various items.

Our position of strength has further been attained by our focus on R&D and Human Resource Development and above all our commitment to customer satisfaction. Fulfilling their needs with value added solutions have always been our motto.



#### **UNITS AND DIVISIONS**

UNIT I : BRIDGE BEARINGS & EXPANSION JOINTS DIVISION

UNIT II: STEEL FABRICATION DIVISION

#### **OUR APPROVALS / CERTIFICATE**

ISO: 9001-2015 CERTIFICATE

RDSO Approved Firm

National Highway Authority of India

MEMBER OF INDIAN ROAD CONGRESS (IRC)







#### RANGE OF PRODUCTS:

#### LKE manufacture the following products:

- Bridge Bearings (Spherical Bearing, POT-PTFE, Rocker-Roller & Elastomeric Neoprene
- Bridge Expansion Joints (Single Strips Seal, Slab Seal, Copper Joint & Compression Joint)
- Elastomeric Bearing
- · Drainage Spout
- Steel Girder Fabrication, Erection & Launching (Open Web, Box Girder Plate Girder)
- Steel Crash Barrier
- Bridge Rehabilitation Works (Rail / Road)

#### **BRIDGE BEARINGS**

A Device provided in between the Substructure and the Superstructure to control the interaction of these two is called Bearing. The function of a bearing is to safely transmit the Loads and Forces acting on to or from the Superstructure to the substructure underneath while providing for free translation and rotation of the structure supported by the bearing.











## IN HOUSE TESTING LAB



WORK IN L&T



IN HOUSE TESTING LAB





INSPECTION BY DEPARTMENT

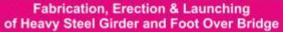






## LKE offers specialized repair services for :

- Lifting of Bridge Superstructures
- Realignment and Replacement of distressed Bearings/Bridges.
   Replacement of failed/ defunct Expansion Joints
- Pre-stressing
- Bridge Construction
- · Installation Services
- · Bridge Inspection & Monitoring
- · Installation Supervision
- · Research & Development
- Inspection & Maintenance
- · Restoration & Rehabilitation









## Performance Certificate







## Inspection Certificate

PERFORMANCE CERTIFICATE



TO WHOM SO EVER IT MAY CONCERN COMPLETION CERTIFICATE











#### INSPECTION BY DEPARTMENT





#### **APPROVED QAP**

#### East Central Railway

Office of the Chief Workshop Manager/BW, East Central Railway, Plant Depot, Pt. Deen Dayal Upadhyaya . Distt.: Chardauli, (U.P.), Pin-232101 E-mail id: cwmpdecrmgs@gmail.com

No.: PD/W-Br, Girder /Insp./Pvt, Fah./Vol.-I (St no.: 129),

Date: 08.05.2023

Dy. Chief Engineer /Con., East Central Railway,

E-mail id: dveechopanoffice@gmail.com

Sub.: Approval of QAP for Pot-PTFE Bearing for the work of :"Construction of ROB No. 382 Ch. 137/13-14 (Km.137-816) between Billi- Chopan & ROB No. 365 at Ch. 131/5-6 (km 131/284.920) between Gurmura-Slaibanawa and other ancillary works in connection with doubling of Billi- Chopun & Ramna- Singrauli Line project under Dhanbad of East Central Railway".

Ref.: Your Letter No.: DCE/Con./CPU/ROB/382/332, dated 27.04.2023.

- 1. Reference above, QAP for the above subjected work was scrutinized, corrected wherever required and approved by competent authority. Accordingly, two set of approved QAP is enclosed herewith for your further action.
- It shall be ensured that work is carried out as per approved QAP by the firms whose names be enlisted in the RDSO approved vendor list, for this purpose, suitable officials may be nominated at your end for final inspection.

This is for your information and necessary action please.

Enclosure: Copy of approved QAP-2 Copy .

Executive Engineer /PD, For Chief Workshop Manager/BW, Plant Depot, Pt. Deen Duyal Upadhyaya

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Date: 26.07.2021

No: CRS/PBEJ/Reg/ L K Engicons Fresh Registration

B-113 Panday Nagar, Meend Pin-250003 UP

Subs: Fresh Registration of fires for manufacture & supply of Electromens Bearings.

Ref.: Your on-line application for ID no. 2456 dated 20.03.2021.

Vide online application under reference above, firm had applied for FRESH REGISTRATION. After satisfactory processing, competent Authority has approved the inclusion of the below mentioned firm in the "List of Approved Venders" for the items given below.

Name of the firm A%. L.K.Engoure	Office Address	Work Address	
ns chergeing	B-113 Pandav Nagar, Meerul- 250003 UP	114 Wilage Bhawarpur, Kill Road Meerul-250001 UP	

#### 2. Items for which approved:

<b>CA</b>			
-	Hem Description Elastomeric Bearings.	Drawi	Specifi
1.	E-assumenc bearings.	(+)	-

Firm ROSO Approved Initials : Not Applicable Abled Sister Concern / concerns No Allied Sister Concern / concerns

Quality Audit due on: 31.07.2026

Ludge Francis For Director General/B&S



No CBS/G/Rept.X Engineers

FRESH REGISTATION\*
Sub: Fresh Registration of firm for manufacture & scoolly of POT-PTFE Descrings.

Ref : Your on-line application for IO no. 2107 dated 09:07 2000

Vide ordine application under reference above, firm had applied for FRESH-REGISTRATION. After satisfactory processing, competent Authority has approved the indication of the ballow mentioned firm in the "Last of Approved Vendors" for the bank given below.

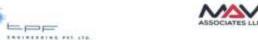
Name of the firm	Office Address	Work Address
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Nem Description Manufacture & supply of POT-IFFE Bearings.

Firm RDSO Approved Initiate : Not Applicable Alled Sister Concern / concerns

Quality Audit due on: 31.10.2025.

No Atlast Sister Concern / concerns



Ball TPENAN/NW-278W/NMPS/2822-24/ADG/248

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Date-14.00.2021



## Certificate of Registration

This is to certify that

#### M/S LK ENGICONS

114, VILL BHAWANPUR, MEERUT, UTTAR PRADESH, 250003, INDIA

has been independently assessed by QRD and is compliant with the requirement of

ISO 9001:2015

#### Quality Management System

For the following scope of activities:

MANUFACTURING OF BINDGE BEARINGS, BRIDGE EXPANSION JOINTS, CRASH BARRIERS, DRAMAGE SPOUT, STEEL GRINDER, FABRICATION SERECTION WORK, REHABILITATION OF BRIDGE AND ALL HEAVY STEEL FABRICATION WORKS

Date of Certification/14th September 2003 2" Surveillance Audit Duel 3th September 2005
1"Surveillance Audit Duel 3th September 2004 Certificate Expliry 12th September 2005

Certificate Number: 305023091479Q











