

Poling the

Progress

**SKIPPER**
Limited

About Us



Skipper Ltd, established in 1981, is a 300 million USD company and the flagship entity of S.K. Bansal Group. We have over 3 decades of experience in manufacturing various value-added steel products such as Telecom Towers and Monopoles, Transmission line monopoles, distribution poles, octagonal and conical lighting poles and masts and swaged tubular poles.

We proudly stand as one of the pioneers of manufacturing monopoles in India and among the leading manufacturers of a wide range of high quality poles with an exhaustive product basket, in the country. Our team provides the complete integrated pole solutions provider.

Our Strength

Among the leading manufacturers of a wide range of high quality poles, with an exhaustive product.

Complete integrated pole solutions provider.

Among the largest monopole manufacturer in India with the capacity to fabricate and galvanize monopoles upto 765 kV

Apart from a Pan India presence, Skipper is also present in Southeast Asia, South America and Africa (especially Cameroon, TOGO, Colombia, Gambia to name a few).

Our Values



Our main aim is to keep in line with the latest technological advancements in manufacture while manufacturing lean and also upgrading our facilities in line with the latest contemporary production mandates.

Vision

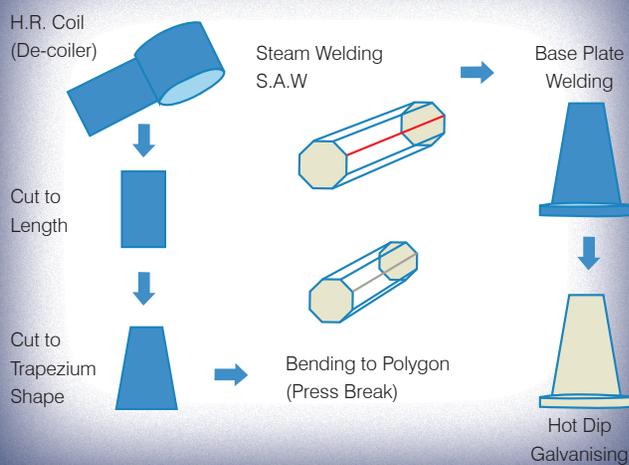
To produce world-class quality products ensuring robust National Infrastructure development and making India the preferred sourcing hub for global infrastructure needs.

Mission

Skipper aims to continue adding value to its products and services and live up to the expectations of the global demands. It is also working towards using more and more renewable sources of energy to reduce carbon footprints. For Skipper, client satisfaction is very important. We always put our best efforts to offer you an exclusive range of products. We work according to the preference of our client. We take all the essential steps to ensure that you get the product on time.

Skipper Advantage

Process of manufacturing



Specialization

Skipper provides a comprehensive solution, from research to conceptualization to design to development and final use of its range of products. Our company has an NABL-accredited internationally benchmarked laboratory with qualified professionals applying the most stringent quality checks on products, in line with domestic and international industry regulations.

Plants

Skipper has 4 state-of-the-art manufacturing, designing and galvanizing plants at Junglepore and Uluberia, near Kolkata in West Bengal and Palasbari, Assam in Guwahati.

Presence

Skipper has its Pan-India presence including Delhi, Mumbai, Rajasthan, Chattisgarh, U.P, Bihar and West Bengal. We are a respected global citizen. The Company markets its products across 30 countries in South America, Europe, Africa, Middle East, South & South East Asia and Australia. This wide footprint makes us truly global and broad, basing our presence for sustainable long-term growth.

Products

Skipper's comprehensive product assortment comprises of tubes and pipes, swaged, high mast and octagonal poles, angles, channels, joists, H-beams, transmission and telecom towers. Our services include EPC projects and trench-less drilling of oil and gas pipelines, OFC and electric cables, hard rock drilling, river, canal and highway crossings. We have ISI and ISO certification for all products.

New products and services in the offering

- Turnkey EPC work for transmission line construction
- Mild steel and high tensile angle rolling (75,000 MT)–From angle size 45x45x4 to 200x200x25
- High Mast / Octagonal Poles/ Monopoles (20,000 MT)–Using most modern CNC press brakes, welding machines and 12.3 mtr galvanizing bath

Our World-class Facilities

Hi-definition CNC Plasma:

High definition 56 m long plasma bed ensures quick, efficient and accurate cutting of steel sheets into tapered trapezoidal shapes for manufacturing pole shafts. Apart from pole cutting hi-def plasma ensures accurate cutting of various kinds of accessories to be used for monopole and cross-arm fabrication.

2400-tonne press brake:

Our 2400-tonne press brake measuring 12 m long can bend 25mm thick HT plates suitable for most of the monopole applications and design.

Welding machine (SAW):

Automated CNC hydraulic based SAW machine for welding monopole sections of large diameter in multiple sections. Fully trained and AWS/ASME certified team of welder ensure high quality defect free seam welding.

Galvanizing bath:

Skipper offers superior quantity galvanization of poles as per various domestic and international standards such as IS, BSEN 1461, ASTM A123 or equivalent for polygonal poles, using a captive 12.3m x 2.6m wide x 3.0m deep galvanizing bath with a 7 tank pre-treatment process.

Development and design:

A highly efficient design team based in Kolkata work with licensed software for design such as PLS CADD, PLS Pole, CASSION, STADPRO and AUTOCAD for monopole structure design and foundation designs.

Product customization:

All of our pole productions are in line with different size and design requirements. And we provide solutions in accordance with specific industry requirements. Our team also assists in reversing the paradigm and providing consultancy services to customers, educating them about the most suitable product depending on their requirements.



Our Products

Skipper Ltd. has evolved into one of the world's leading manufacturers for transmission & distribution structures in its engineering products segment. We manufacture a wide range of steel poles for various applications.

Octagonal Poles

Octagonal Poles are used for outdoor lighting of streets and highways. Skipper manufactures single piece octagonal poles of various heights as per site requirement using high tensile steel.

Features: Inbuilt junction box | Rust proof (Hot Dip Galvanized) | Good aesthetic looks | Easy replacement

Applications: CCTV System | Flag Holder | Solar Lighting System | Traffic Light and Signal

Additionally, Skipper can also design and supply poles of different dimensions as per the structural design. The company also manufactures 6 or 12-sided poles as per the client requirements.



Conical Poles

Conical poles are also continuously tapered poles with circular cross section at both the ends. These are manufactured by press forming sheets under press brakes. Unlike polygonal cross section poles, conical poles give a much better and smoother appearance. They are mainly used for lighting applications on highways, streets, residential complexes, parks etc.



Swaged Poles

Skipper has BIS Certificate for the entire range of swaged poles as per IS 2713. Skipper has all required machineries like hydraulic swaging machines, strengthening and Welding Machines and has facilities to produce poles up to the length of 16 m & thickness up to 8 mm.

Customization is also done as per the customer's specifications. Skipper has testing facilities to carry tests as required as per IS 2713.

Features: Fireproof, immune to insect infestation and no pole rot | Weighs 50-70% less than comparable concrete structures | Elongation - up to 85% with no shrinkage | Free of copper wire grounding | Fully recyclable and non-toxic | Steel pipes manufactured as per ASTM specification | Capable of galvanizing all sizes of poles in Single Dip

Applications: Street lighting | Traffic signals | LT line



Solar Street Light Poles

Solar light poles can be of multiple types such as octagonal, tubular, conical in shape. They are manufactured in similar way like other street light poles. The only distinguishing feature being that these are little heavier compared to regular street light poles because they have the provision for installing additional components such as solar PV modules, batteries etc. They are being widely used for highway and street lighting.



Monopoles

Monopoles:

Monopoles are used for a variety of communication applications and are ideal for use when zoning is difficult. We design monopoles using the internationally recognized software PLS-POLE by power line systems following standards IS 802, IS-5613, IEC 60826, ASCE 48-05 and EIA-TIA 222G. Codal provisions are software managed and linear and non-linear analysis is performed by finite element modelling. Our bouquet includes both shallow and pile foundation as per IS 456, IS 291.

Distribution Monopoles:

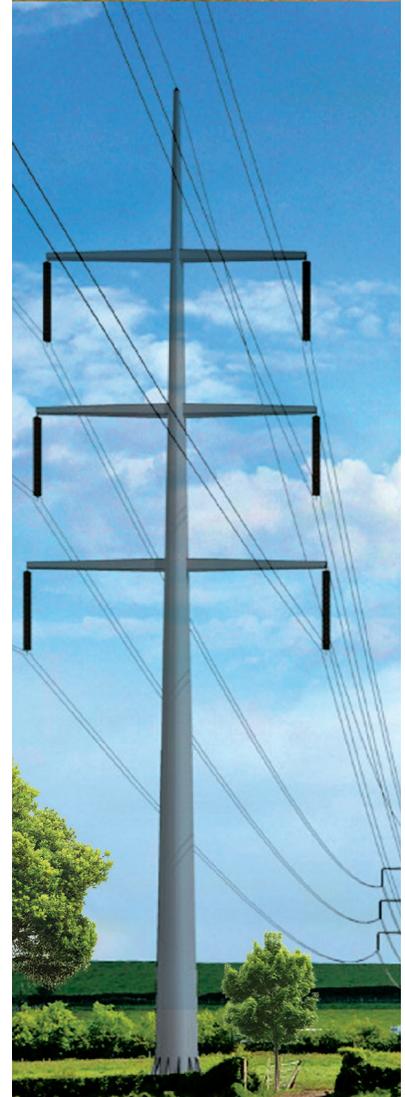
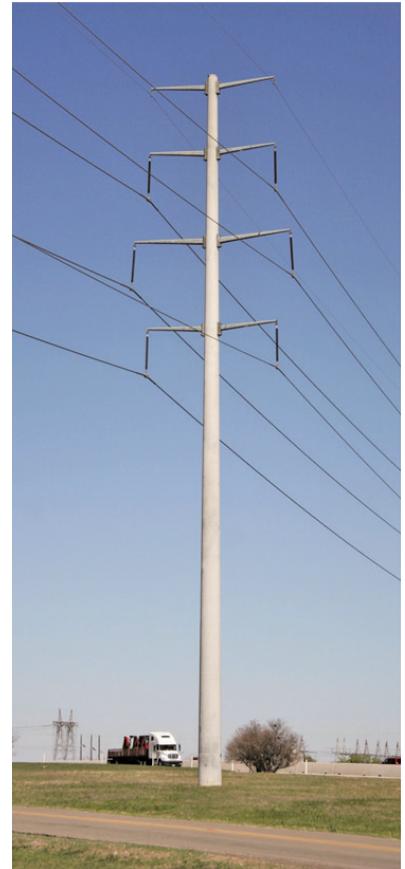
Galvanized polygonal distribution poles up to 33 KV have following advantages over the conventional poles.

Long life, no corrosion, repetitive painting not needed

Can be designed for any desired load and height

Light weight, easy to install and relocate

Aesthetically pleasing, environment-friendly



Transmission Monopoles:

We design, manufacture and supply transmission line monopoles from 33KV up to 765KV. Skipper is the only company in India to have successfully designed, fabricated and type tested a 765 kV monopole.

Advantages of Monopoles in T&D and Telecom sector:

Minimum space requirement
Fewer components, hence swift installation

- Small footprint
- Smaller civil foundation
- Aerodynamic shape ensures lower resistance to air
- Protection against vandalism
- Aesthetically pleasing design
- Short delivery time
- Urban center installations
- Upgrading voltage level within existing corridor

High standards of quality consciousness and awards such as:

- ISO 9001:2008
- ISO 14001:2004
- CII award for productivity 2010-2011
- EEPC India award for Export Excellence
- Power Grid Corporation of India Ltd. accredited
- Ministry of Railway accredited
- Testing laboratory at the state-of-the-art factory is NABL accredited
- Ongoing training leading to professionalism among employees
- Compliance in accordance with domestic and international standards

CIN: U74899 DL 1995 GOI 068150
 TEL : 26229001-3
 FAX : 26229004

दिल्ली मेट्रो रेल कॉर्पोरेशन लिमिटेड DELHI METRO RAIL CORPORATION LTD.

(A JOINT VENTURE OF GOVERNMENT OF INDIA AND GOVT. OF DELHI)
 Office of the Chief Electrical Engineer/UD
 Opp. Frank Anthony Public School, Lala Lajpat Rai Marg, Lajpat Nagar-IV, New Delhi-110024

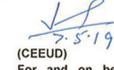
Date: 07/05/2019

PERFORMANCE CERTIFICATE
 (In terms of Sub- Clause 10.09 of GCC)

Employer	Delhi Metro Rail Corporation Ltd	Address	H.O. Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi - 110001
Contractor	M/s Skipper Limited	Address	3A, Loudon street 1 st Floor, Kolkata -700017
Name of work	CEUD-T-46 : Design, supply, erection, testing & commissioning for shifting, modification & raising the height of 220 KV d/c T/L of DTL using steel monopoles structure for construction of FOB near sarita vihar metro station.		
Contract No.	CEUD-T-46		
Commencement Date	28.08.2017		

Having attended the snagging list enclosed in the Taking Over Certificate and on completion of Defect Liability Period. It is hereby certificated that [M/s Skipper Limited] is considered generally to have completed all obligations in terms of sub- clause 10.9 of General condition of contract (GCC) on dated 27.02.2019.

After the Performance Certificate has been issued the contract and the employer shall remain liable for the fulfillment of any obligation, which remains unperformed at that time. For the purpose of determining the nature and extent of any such obligation, the contract shall be deemed to remain in force in terms of sub-clause 10.10 of GCC


 (CEEUD)
 For and on behalf of Delhi Metro Rail Corporation Ltd

H.O. - Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001

पॉवर ग्रीड कार्पोरेशन ऑफ इंडिया लिमिटेड
 (भारत सरकार का उद्योग)

POWER GRID CORPORATION OF INDIA LIMITED
 (A Government of India Enterprise)

केन्द्रीय कार्यालय : "सीटएलसी" ब्लॉक ए 2 वीस्टव-29, मुंबई-400 015
 फोन : 2571700 - 719, फैक्स : 2571760, 2571710
 Corporate Office : "Saudamini" Plot No. 2, Sector-29, Gurgaon-122002
 टेली : 2571700 - 719, फैक्स : 2571760, 2571761

Ref: C/QA&I/V/A/ Skipper
 Date: 06.04.2019

Vijai Electricals Ltd
 6-3-648/1&2, off Raj Bhawan Road
 Somajiguda, Hyderabad-500082

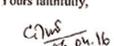
Kind attention- Sh Anand Soni, Head- BD

Subject: Approval of Skipper Ltd for supply of galvanized steel tubular poles

Dear Sir,

This has reference to the subject matter. Based on the assessment, we convey of Skipper Ltd, Uluberia, NH-6, Madhabpur, Howrah to supply Galvanized Poles up to 9 mtr for POWERGRID Projects up to 05.04.2017. Further approval considered based on quality and supply performance.

Please ensure that all the items sourced from this manufacturer shall meet the POWERGRID technical specifications, approved drawing/data sheet of the specification. If, at any point of time, any abnormality is noticed in this regard, we reserve the right to withdraw this approval with immediate effect.

Yours faithfully,

 (D.K. Sahoo)
 Manager (QA & I)

CC: Skipper Ltd
 Uluberia, NH 6
 Madhavpur, Mahisrekha, Howrah

प्रीत : सी-9, कृष्ण रीडींगरूमजल एरिया, कल्याण नगर, नई दिल्ली - 110016. टेलीफोन : 6560121 फैक्स : 011-6560122
 Office : B-9, Quab Institutional Area, Kalyanpura Sawai, New Delhi - 110016 Tel. : 6560121 Fax : 011-6560122

कार्यालय
 अधीक्षण अभियन्ता
 30 30 पॉवर ट्रांसमिशन कॉर्पोरेशन लिमिटेड
 विद्युत कार्यालय भवन
 132 वीली पार्कवेय नगर मुंबई
 मुंबई-400 001, महाराष्ट्र
 टेलीफोन - 0120-2666806

U.P. Power Transmission Corporation Ltd
 (U.P. Govt. Undertaking)
 CIN-U40101UP2005G028687

OFFICE OF THE
 SUPERINTENDING ENGINEER
 U.P. POWER TRANSMISSION CORP. LTD.
 ELECTRIC TRANSMISSION CIRCLE
 132 KV S.S.LAL KUAN B.S.R. Rd.
 GHAZIABAD - 201002
 e-mail: se@upptcl.org
 CIN-U40101UP2005G028687


 U.P. POWER TRANSMISSION CORPORATION LTD.
 B.P.P.T.C.L.

No. 3624 ETC/GZB/ Dt. 26/8/19

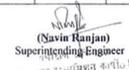
To Whom so ever it may concern

This is to certify that Aarvans Buildwell and Infacore LLP, its having registered office at 16A/2151 Vasundhara, Sector-16A, Ghaziabad, UP 201012 is carrying out the work construction of 220KV Indrapuram-Pratap Vihar S.C. line on D.C and M.C. Monopoles and Dismantling, De-stringing and stringing of existing 132 KV Sahlabad-A line on these D.C and M.C Monopoles under ETD-II Ghaziabad, against Tender Specification No T-104 ETC/GZB/2018-19 with detailed survey/check, survey including route alignment, profiling, tower spotting, along with stringing of ACSR Zebra conductors, earthwires/OPGW as EPC contractor on turnkey basis against LOI number 293/ETC/T-104/18-19 dated 11-12-2018 as an EPC contractor of awarded value 16.73 Crore.

Details of Line: 220KV Indrapuram-Pratap Vihar S.C. line on D.C and M.C. Monopoles Monopoles-26 Nos. Monopoles +02 Nos. Gantry Monopoles Sets as per final approved tower schedule as on 02.01.2019

The progress of the work is as follows:

Description	Make	Supplied QTY	Foundation	Erection	Stringing
D.C-Pole Type- PB-19 (2-15 degree) Bottom X-arm 19Mtr.	SKIPPER LTD	23	22	07	099
D.C-Pole Type- PB-22 (2-15 degree) Bottom X-arm 22Mtr.	SKIPPER LTD	04	04		
D.C-Pole Type- SPB-19 (2-15 degree) Bottom X-arm 19 Mtr. (With one side X-arm)	SKIPPER LTD	02	02		
D.C-Pole Type- PD-19 (30-60 degree) Bottom X-arm 19Mtr.	SKIPPER LTD	04	Not Done due to ROW		
D.C-Pole Type- PE-19 (60-90 degree) Bottom X-arm 19 Mtr.	SKIPPER LTD	01	WIP		
M.C-Pole Type- MD-19 (30-60 degree) Btm X-arm 19 arm Mtr.	SKIPPER LTD	01	WIP		
Special Gantry Mono-Pole Set	SKIPPER LTD	02	02		


 (Navin Ranjan)
 Superintending Engineer
 उ.प्र. विद्युत कार्यालय मुंबई
 विद्युत कार्यालय भवन
 132 वीली पार्कवेय नगर, मुंबई-400 001

Government of Maharashtra
 Office of the Chief Engineer (Elec.),
 P.W.D. Deptt., Govt. of Maharashtra,
 Bandikam Bhawan, 3rd floor,
 Marzhan Road, Fort,
 Mumbai- 400 001.

Website : www.mahapwd.com
 Email : elmumbai.ce@mahapwd.com
 Telephone : (022) 22013415/16/17
 Fax : (022) 22016900

No. CE/ Elec./ Desk-3HDM/ 454 /2014. Date :- 8 JUL 2014

✓ M/S SKIPPER LIMITED
 3A, Loudon Street, 1st Floor,
 Kolkata - 700 017

Sub : Approval to use material on works carried out by Government of Maharashtra.
 Ref : 1) Your letter No. SL/PWD/VR/OCT/2013-14 Date 14.04.2014
 2) This Office Letter No. C.E (Elec.)/Desk/3/S/320/2014 Date 28.05.2014
 3) Factory Visit Dated 30.06.2014
 4) Test Report of SKIPPER LIMITED vide letter no SLU/ Pole-056/14-15 dated 21-04-2014 for Swaged pole, SLU/ Pole-055/14-15 dated 22-04-2014 for High Mast, SLU/ Pole-054/14-15 dated 21-04-2014 for Octagonal Pole, SLU/ Pole-053/14-15 dated 10-03-2015 for conical poles.

Sir,

The subject proposal submitted by you was examined by this office and now the undersigned is pleased to accord approval to the following materials for using it on works carried out by Government of Maharashtra W.E.P. the date of issue of this letter.

Name of material : * Octagonal Poles, Conical Poles, High Mast Poles and swaged type Steel Tubular Poles

Place of manufacture : N.H.No.6, Vill.-Madhabpur PO- Mahisrekha, PS- Uluberia, Howrah-711 303

Brand Name : *SKIPPER *

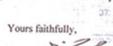
Technical Specifications of the Materials :

Sr.No.	Name of Product	Validity
1	Octagonal Poles	Up to 07 July 2017
2	Conical Poles	
3	High Mast Poles	
4	Swaged type Steel Tubular Poles	

Manufactured as per ISI No. : For item no 4 IS:2713(Part-1 to 3)-1980
 Whether having ISI No. : NO
 License No. : For item no 4, 5, 212545
 Whether covered by House hold Electrical : N.A. Validity : 31-01-2016

Manufacturing Certificate No. : N.A.
 Validity : N.A.
 Authority to issue M.C. : N.A.

The above approval given subject to the performance of the material during this period remains satisfactory. In case of unsatisfactory performance; the approval accorded shall be with drawn forthwith.

Yours faithfully,

 (S.A. Patil)
 Chief Engineer (Elec.)
 P.W. Deptt., MUMBAI-1.

Copy forwarded to Superintending Engineer Regional Elec. Circle MUMBAI/PUNE/AURANGABAD/NAGPUR/AMRAVATI/NASHIK for information.





Mohan House, Community Centre,
8-9 Zamrudpur, Kailash Colony Extn,
New Delhi - 110048, INDIA

Phone: +91-11-29232802-5, 45003500
Fax: +91-11-29240181
Email: meci@mohanenergy.com
U74991DL2006PC148755

18.02.2016

TO WHOMSOEVER IT MAY CONCERN

This is to certify that M/s Skipper Limited, Kolkata, India having its factory at R.H.No.6 Vill.-Madhabpur, Po-Mahishrekha, PS-Uluberia, Howrah-711303 has successfully Designed, Manufactured and Supplied two numbers of 33Kv Single circuit transmission monopoles along with foundation material for river crossing for Gambia project,

- (i) Pole Height =26M
- (ii) Normal Span=212M
- (iii) Conductor type=AAAC 150.9 Sq.mm

The contract was awarded to M/s Skipper Limited by M/s Mohan Energy Corporation Pvt. Limited.

With Best Regards,

For Mohan Energy Corporation


B K Sinha
(AVP - Procurement)



www.mohanenergy.com



Date: 08.10.2015

TO WHOM IT MAY CONCERN

This is to certify that M/s. Skipper Limited, 3A, Loudon Street, 1st Floor, Kolkata- 700017 has supplied 15 Nos. 20Mtr. High Mast against our Purchase Order No.4000042758 dated 16.02.2015

We hereby confirm that they have successfully executed the above material within the stipulated delivery date.

The up to date overall performance of their product is satisfactory.

For Shapoorji Pallonji Company Limited


Authorized Signatory.

Shapoorji Pallonji And Company Private Limited
Regional Office: Mira Tower, 2nd Floor, DN-27, Sector-V, Salt Lake, Kolkata 700 091.
(T) +91 33 40016883, 40016884 (F) +91 33 40016885
Corporate Office: SP Centre, 41/44, Minoo Desai Marg, Colaba, Mumbai 400 005, Maharashtra, India.
(T) +91 22 67480000 (F) +91 22 66338176 website: www.shapoorji.in



I. GANAPATI REDDY, B.Tech
Engineer-in-chief
NH, CRF, PPP & Bldgs
Roads & Buildings Dept.,
Erurmanzil, Hyderabad.
Telangana - 500082.



Off : 040-23287300
Cell : 9440818001
Email : ccnhts@gmail.com

EXPERIENCE CERTIFICATE

This is to certify that M/s Skipper Ltd. has executed the work of erection of flag post of 291 feet height as per the work order issued by Government of Telangana vide Principal Secretary Lr.No.2696/Bldgs/A1/2016-1 Dt: 06/05/2016. The work was executed in stipulated time of 25 days to the utmost satisfaction of the department. The flag was hoisted by Hon'ble Chief Minister, Shri. K. Chandrababu Naidu on 2nd June 2016. The value of the work order was Rs.1,42,53,958/-. This certificate is issued in token of appreciation in efficient erection and timely completion of said project.

To
M/s. Skipper Ltd.,
3A, Loudon Street, 1st floor,
Kolkata - 700017.


1.7.2016
Engineer-in-Chief (R&B)
NH&Bldgs

इंडियन ऑयल कॉर्पोरेशन लिमिटेड
(विपणन प्रभाग)
बिहार राज्य कार्यालय
लोकप्रियताक जयप्रकाश भवन (5वां तल्ला)
डाकबंगला चौक, पटना-800 001
दूरभाष : 06-12-2211629 (का०)
Indian Oil Corporation Limited
(Marketing Division)
Bihar State Office
Lokpriyak Jayprakash Bhawan (5th Floor)
Dak Bungalow Chowk, Patna-800 001
Tel. : 0612-2211629 (O)

बिहार राज्य कार्यालय
Bihar State Office

Ref: BSO/ENG/HMS/SKIPPER

Date : 19.05.2016

To whom it may concern

We hereby certify that M/s Skipper Limited having registered office 3 A, Loudan Street, Kolkata has been completed 66 nos. of HMS of the contract value in Rs. 3.09 Cr. against the contract ref no. HO/ENG/HMS-ER/PT/2014-15, contracts no 10020139 dt. 24.03.15 under Bihar State of different divisional offices in financial year (2015-16) & payment of the same also been released. The performance of this party is satisfactory.


(Praveen Kumar)
For Chief Engineering Manager

पंजीकृत कार्यालय : जी-9, आली यारव जंग मार्ग, बान्द्रा (पूर्व), मुम्बई-400 051 (भारत)
Regd. Office : G-9, Ali Yavar Jung Marg, Bandra, (East) Mumbai-400 051 (India)

Did You know?



The Galvanizing plant installed at Skipper's Uluberia premises is one of the largest in the country. The plant is supplied by one of the leading furnace manufacturers in the world called Protherm, based out of UK. The plant is powered by 4 high velocity burners with thermocouples placed at strategic locations across the zinc tank to precisely control the bath temperature. Alongwith high velocity burners, deeper kettle also ensures uniformity of the bath temperature which in turn ensures uniformity in zinc coating across the entire length of the product.



Skipper's quality consciousness extends to the last mile of delivery too. Poles shipped are generally wrapped using HDPE sheet to protect them from any kind of transit damage during transportation and handling. Apart from domestic shipments, poles being shipped in containers are also wrapped using sheets and properly secured by means of high strength lashing to ensure they are intact during transportation. The company also has a facility to pack the material on movable trolleys and then load them onto the containers to ensure easy handling and prevent transit damages.



Skipper Limited is ISO 14001 and 18001 certified. We ensure that safety is given the first priority at the shopfloor. Use of PPE such as safety helmets, shoes, nose masks, goggles, ear plugs etc. are used by workers during work. Skipper has an EHS committee that carries out safety checks, audits and devises safety plans to minimize accidents or near misses at work zone. Safety training is mandatory for any new person coming to the plant. Apart from general awareness training sessions are also carried out.



Skipper is the only company in India to have designed, fabricated and installed the tallest flag mast in India at Modern Coach factory Rae Bareilly measuring 115 m in height



“

It is our passion to excel,
desire to innovate and
service our clients better
that distinguishes Skipper
from other players.

– **Sajan Bansal**, *Managing Director, Skipper Limited*

”



Registered Office:

3A, Loudon Street, 1st Floor, Kolkata - 700 017, India

Ph: +91 33 2289 5731 / 32 | Fax: +91 33 2289 5733 | towers@skipperlimited.com | www.skipperlimited.com