



KARBONSTEEL ENGINEERING PVT.LTD.

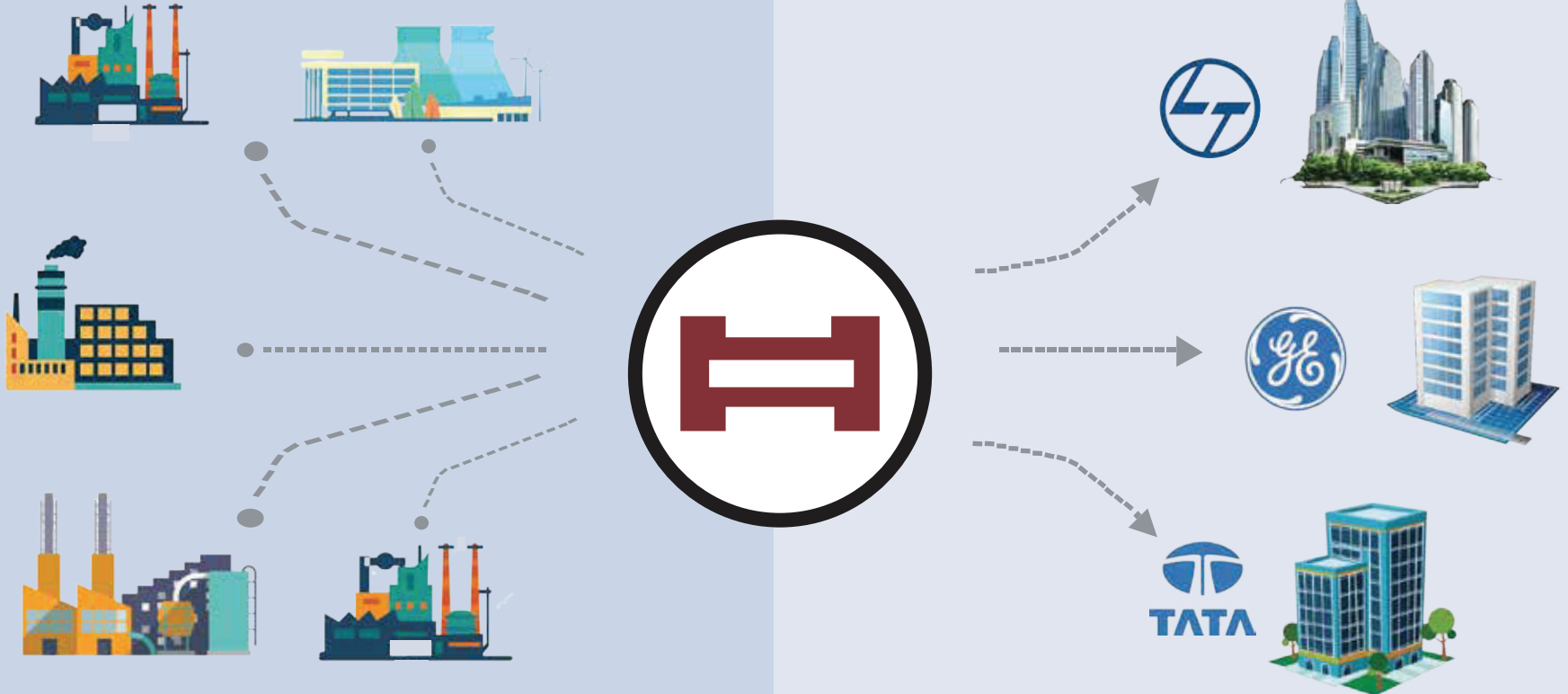
Steel Manufacturing world



Empowering Small Manufacturers in India

Small MSMS Manufacturers

Global & Indian Customers



- ❖ KSPL EXCLUSIVELY FORMED IN 2011, WE GRADUATE FROM STEEL SUPPLY TO CONTRACT MANUFACTURING TO OWNING TWO FACTORIES.
- ❖ TO CATER PROJECT, CLIENT REQUIREMENT.

2011

1984

- ❖ STEEL AND STEEL PRODUCTION
- ❖ STEEL IMPORT,
- ❖ STEEL MANUFACTURING,
- ❖ SHIP BREAKING.

2021

- ❖ KSPL NOW HANDLE ALL TYPE OF
- ❖ STRUCTURE STEEL SUPPLY PROJECT,
- ❖ EPC PROJECT,
- ❖ PIPING PROJECT.
- ❖ (SUPPLY, ERECTION AND COMMISSIONING)

KEPL Inquiry to Execution Process

Inquiry

1

Sales

Team receives requirements from client

2

Engineering team

Studies inquiry and selects details

3

Estimation team

Curates and preparing the quotes

4

Engineering team

Review the quotes as per client need based on QAP

5

Sales

Final offer sent to customer

Offer Finalization

6

Sales team

Offer terms – quality, pricing, payment terms, timelines

7

Sales team

Purchase Order receipt

8

Sales team

creating the KSPL refer CN no and place the OD to Factory

9

Milestone based project planning document for the procurement to dispatch process

10

Resource Deployment for the project(s) & RM Procurement

Execution

11

Regular updates on project execution

Inspections (QAP-based as per customer hold points)

12

Final dispatch

after clearance from Customer

13

Pre-dispatch, inspection and fumigation (wood) On-site **verification** and QAP inspection (updates to client)

14

Container / Trailer planning dispatch scheduled and stuffing through freight forwarders

15

Dispatch

Final material dispatch to destination



INTRODUCTION

We introduce ourselves as structural / piping fabrication company.

We are in steel business for the last 37 years.

KEPL specializes in the fabrication of heavy and large structure, boiler house for oil and gas, power industry, infrastructure projects, Data Centre and many more

KEPL has experience and wide exposure in structure fabrication with different material like plain carbon steel, fine grained steels, creep resistance steels for high temperature applications, high strength steel and stainless steel.

KEPL employs a team of highly experienced structural steel and piping engineers, fabricators and workers competent to work with all steel materials

Our product are compliant with the various quality requirements of our clients.



STRENGTH

Strategically located, excellent infrastructure, machinery and well placed quality systems.

All manufacturing activities performed in-house, therefore no dependency on any outside sources or organizations.

Market segments (oil & gas (all stream), fertilizers, chemicals, steel plants, infrastructure projects and power plants)

Geographically wide and eminent customer base. Advantage of experienced professional engineers.

Strong project management skills including planning, implementation and deliveries.

KEPL has always sought the best people for the job and given them the freedom and opportunity to grow.

Total Employee – 220 (Head office & Both workshop)

Worker – 700 +

Total area – 792720 sq. ft. | Covered area – 515293 sq. ft.

Fabrication capacity – 55000 MT (yearly)

Hydra – 12 | Crane – 3 | Trailor – 4



KEPL can offer complete construction of all types of structures as a single unit or in part.

We have two Manufacturing units
(Gujrat - Umergaon and Maharashtra - Khopoli)
and two raw material storage house (Navi Mumbai).

The production capacity of both the units combined is around 25000 MT Per annually with high tech fabrication facilities spread over 792720 Sq. ft.

Our company inherent strength lies in its commitment to adhere to the stringent quality requirements of its customers and on time deliveries on short deadlines

OVERVIEW

Units Details

Karbon Steel Units	Unit -1 Umgergoan (Gujrat)	Unit -2 Umgergoan (Gujrat)	Unit -3 Khopoli (Maharashtra)	Unit – 4 Kalamboli (Navi Mumbai)
Area	6.5 Acres	9 Acres	2 Acres	4000 Sq. Ft
Covered Area	237075 Sq. Ft.	198218 sq. ft.	80000 Sq. Ft.	4000 Sq. Ft
Production Capacity	2200+ MT	1600+ MT	400+ MT	Well Furnished Computerised Office Setup
Specialization	All Type of Structural Fabrication Works	All Type of Structural Fabrication Works	Raw Material Storage Yard	Inhouse Engineering, Procurement, Estimation Team
Equipment's	CNC Machines, GMAW, FCAW, SAW, Rolled Machines, Plasma, EOT	GMAW, FCAW, SAW, Rolled Machines, Plasma	CNC Machines, EOT	-



HO Teams

ENGINEERING

We have our own design department.

We use reputed software's like

- ✓ STAAD PRO
- ✓ TEKLA
- ✓ AUTOCAD
- ✓ 3D MODELING

PROJECTS & PLANNING

We have our own project Execution department.

- ✓ MS PROJECT
- ✓ MS OFFICE
- ✓ PROJECT MANAGERS
- ✓ PROJECT CO-ORDINATOR

FINIANCE

We have our own Finance department.

- ✓ MS OFFICE
- ✓ TALLY
- ✓ FINIANCE MANAGERS

HR & ADMIN

We have our own HR & ADMIN department.

- ✓ HR MANAGER
- ✓ ADMIN MANAGER
- ✓ HR EXECUTIVE
- ✓ ADMIN EXECUTIVE

SALES

We have our own BDM department.

- ✓ BDM - HEAD
- ✓ ESTIMATION HEAD
- ✓ ESTIMATOR
- ✓ CO-ORDINATOR

PURCHASE / RAW MATERIAL

- ✓ PURCHASE - HEAD
- ✓ PURCHASE MANAGER
- ✓ RAW MATERIAL STOCKER
- ✓ CO-ORDINATOR



Unit Teams

Khopoli Unit

- ✓ PLANT HEAD
- ✓ PRODUCTION MANAGER
- ✓ PRODUCTION ENGINEERS
- ✓ STORE MANAGER
- ✓ HR EXECUTIVE
- ✓ ADMIN EXECUTIVE
- ✓ FINIANCE EXECUTIVE
- ✓ SAFETY OFFICER
- ✓ QAQC MANAGER
- ✓ QAQC ENGINEERS
- ✓ DOCUMENT CONTROLLER
- ✓ HOUSE KEEPING
- ✓ SKILLED STAFF
- ✓ UNSKILLED STAFF
- ✓ SUB CONTRACTORS
- ✓ SUPERVISORS
- ✓ BLASTING TEAM
- ✓ PAINTING TEAM
- ✓ DISPATCH TEAM
- ✓ HYDRA OPERATOR
- ✓ CRAIN OPERATOR
- ✓ SEQRITY

Umergoan Unit

- ✓ PLANT HEAD
- ✓ PRODUCTION MANAGER
- ✓ PRODUCTION ENGINEERS
- ✓ STORE MANAGER
- ✓ HR EXECUTIVE
- ✓ ADMIN EXECUTIVE
- ✓ FINIANCE EXECUTIVE
- ✓ SAFETY OFFICER
- ✓ QAQC MANAGER
- ✓ QAQC ENGINEERS
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- ✓ SUPERVISORS
- ✓ BLASTING TEAM
- ✓ PAINTING TEAM
- ✓ DISPATCH TEAM
- ✓ HYDRA OPERATOR
- ✓ CRAIN OPERATOR
- ✓ SEQRITY

Kalamboli Unit

- ✓ PLANT HEAD
- ✓ STORE MANAGER
- ✓ HR EXECUTIVE
- ✓ ADMIN EXECUTIVE
- ✓ FINIANCE EXECUTIVE
- ✓ SAFETY OFFICER
- ✓ QAQC MANAGER
- ✓ HOUSE KEEPING
- ✓ SKILLED STAFF
- ✓ UNSKILLED STAFF
- ✓ SUPERVISORS
- ✓ DISPATCH TEAM
- ✓ HYDRA OPERATOR
- ✓ CRAIN OPERATOR
- ✓ SEQRITY

First Time in Manufacturing Industry For Client Online Reporting Services

Transparent Single Window Online Project Progress Report System



Online Live Factory Premises Camera Access



KARBON

The Progress updates history by date is shown as a feed here This will have the overall progress and status by stage.

The Dispatches that are planned for the project are shown here by date.

Upcoming Dispatch Plan

Dispatch	2025-01-01	2025-01-02
Dispatch	1000000	1000000
WIP Production	1000000	1000000
Shipping	1000000	1000000
Fit Up	1000000	1000000
Welding	1000000	1000000
Structural Framing	1000000	1000000

The Status of the dispatch planned by the stages are shown below.

2025-01-01

2025-01-02

2025-01-03

2025-01-04

2025-01-05

2025-01-06

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CLIENTELE



मेकॉन लिमिटेड
भारत सरकार का संस्थान
MECON LIMITED
A GOVT. OF INDIA ENTERPRISE



HINDUSTAN PETROLEUM CORPN. LTD.



ऑयल इंडिया लिमिटेड
(भारत सरकार का उद्योग)
Oil India Limited
(A Government of India Enterprise)



POWER MECH



Growth Unlimited



LARSEN & TOUBRO





CLIENTELE



AM/NS
INDIA





Umgergoan Unit Infrastructure



Ownership	Karbon Steel
Location	Umgergoan, Gujarat
Total Area	792720 sq. ft.
Covered Area	515293 sq. ft.
Production Capacity	4800 + MT / Month
Manpower	780 +
Manufacturing Capability	Light, Medium, Heavy Fabrications, Piping, Tanks,
Power Source	800 HP each 2 nos. Connections
Infra	Crain, Hydra, Trailer





Umgergoan Unit
Infrastructure

Our plant is equipped with a shot blasting and airless spraying system for painting of all structure steel.

This enables us to apply best possible coatings suited to unique environments and applications to protect and paint any steel structure.





Umgergoan Unit
Infrastructure



KARBON



Umgergoan Unit
Infrastructure

 **KARBON**



KARBON STEEL Well Furnished Staff Accommodation, Furnished Guest house (18-19 Flats), Transportation Facility



KARBON STEEL Well Furnished Labor Colony (Approx. 400+), Transportation Facility





ASSETS

ASSETS KSPL UMBERGAON & KHOPOLI				
SR. NO	MACHINE	QTY	UNIT	NOTE
1	AUTOWELD MIC 1001	2	NOS	
2	IN TIG 400I	7	NOS	
3	COMBO MACHINE 501	54	NOS	
4	FEDDER MACHINE	55	NOS	
5	ARC MACHINE 400	51	NOS	
6	ARC MACHINE 210	12	NOS	
7	DRILL MACHINE KBM 100	1	NOS	
8	DRILL MACHINE KBM 85	4	NOS	
9	DRILL MACHINE	43	NOS	
10	STUD MASTER SMDA-2500 HD	2	NOS	
11	AIRCUT-100I PLAZMA MACHINE	1	NOS	
12	AIRCUT 162 IW PLAZMA MACHINE	1	NOS	
13	AG/7 MACHINE	46	NOS	
14	AG/5 MACHINE	46	NOS	
15	AG/4 MACHINE	50	NOS	
16	PENCIL GRINDER	2	NOS	
17	FF2 FLEXIBLE SHAFT GRINDER	10	NOS	
18	STIRRER MACHINE	1	NOS	
19	PUG MACHINE	48	NOS	
20	GAS CUTTING TORCH	13	NOS	
21	GAS TROLLY	18	NOS	
22	MOTHER OVEN	3	NOS	
23	PORTAVLE OVEN	36	NOS	
24	GREASE GUN 5 KG	1	NOS	
25	CHAPSA CUTTING MACHINE 14"	6	NOS	
26	HYDRA 12 TON	8	NOS	



KARBON



ASSETS

27	HYDRA 14 TON	2	NOS	
28	EOT CRANES 5 MT	2	NOS	
29	EOT CRANES 10 MT	6	NOS	
30	COMPRESSOR MACHINE 75 H.P	1	NOS	8.5 BAR
31	SCREW COMPRESSOR MACHINE 75 H.P	1	NOS	7.5 BAR
32	PORTABLE COMPRESSOR MACHINE 65 H.P	1	NOS	7 BAR
33	PORTABLE COMPRESSOR MACHINE 30 H.P	1	NOS	
34	PANTING MACHINE AIRLES	4	NOS	
35	BLASTING HOPER MACHINE	5	NOS	
36	TRAILER (TRUCK)	2	NOS	
37	TRUCK	1	NOS	
38	TRUCK 407	1	NOS	
39	CHAIN BLOCK 5 MT	1	NOS	
40	CHAIN BLOCK 1 MT	1	NOS	
41	CHAPA	3	SET	
42	CNC MACHINE 26 MTR MESSER	1	NOS	
43	PLAZMA MACHINE WARPP 26 MTR	2	NOS	
44	FULL AUTOMETIC HYDROLIC ROLING MACHINE	1	NOS	
45	SEMI AUTOMETIC ROLING MACHINE	3	NOS	
46	ROLING MACHINE (ANGEL)	1	NOS	
47	PERMANENT MAGNETIC LIFTER 3 TON	2	NOS	
48	CUTTING BANDSAW MACHINE	1	NOS	
49	BEVELING MACHINE	1	NOS	
50	AUTOMETIC PIPE WELDING MACHINE	3	NOS	
51	DG SET 63 KV	1	SET	
52	CRANE 75 MT	1	NOS	
53	JACK 3 TON	1	NOS	
54	JACK 70 TON	1	NOS	









COMPUTER NUMERICAL CONTROL(CNC) MACHINE



COMPANY STAFF

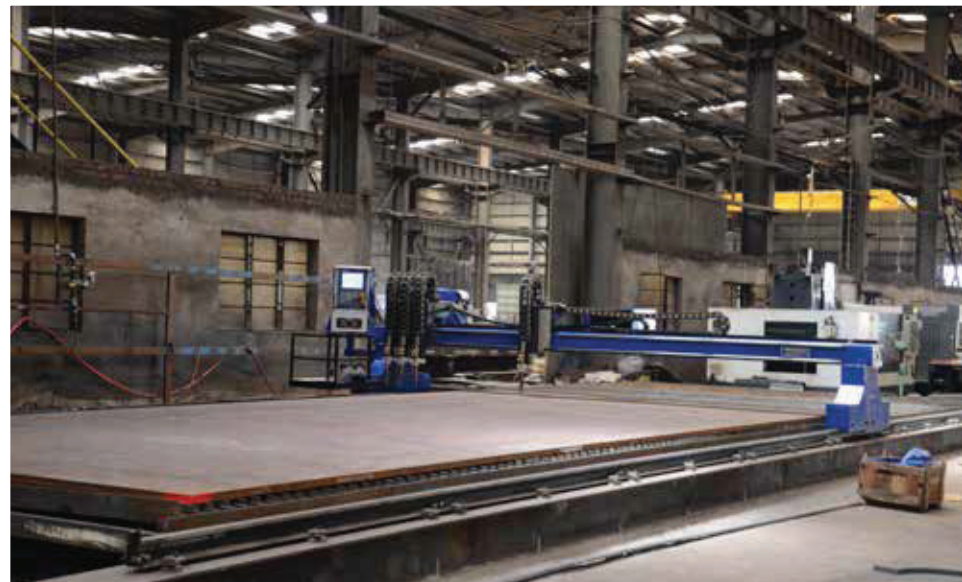


CONFERENCE ROOM



CANTEEN AREA

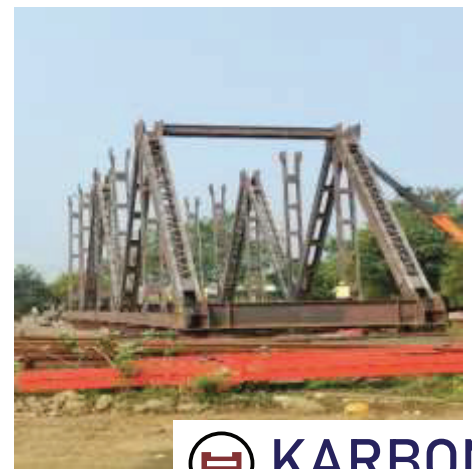




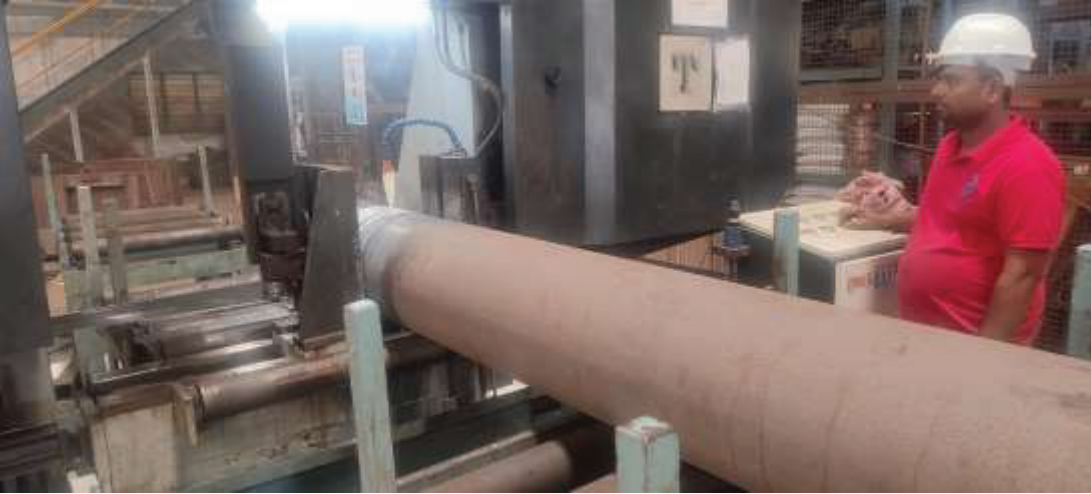


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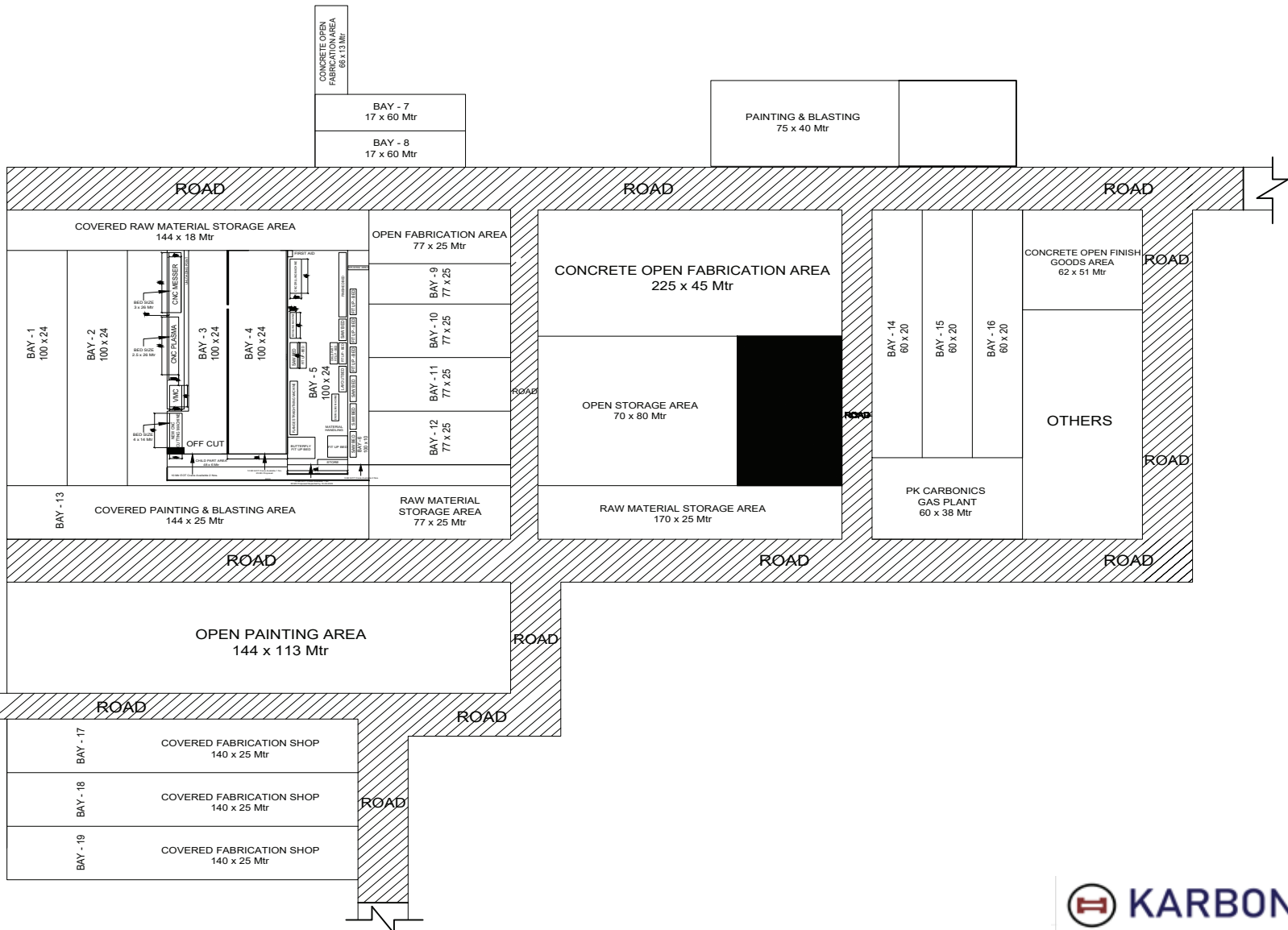








COMPANY LAYOUT



SUMMARY

(I) TOTAL COVERED FABRICATION AREA BAY (1-19) = 40,440

BAY NO	AREA	TOTAL AREA
BAY-1 - 100X24	12,000	40,440
BAY-2 - 100X24		
BAY-3 - 100X24		
BAY-4 - 100X24		
BAY-5 - 100X24		
BAY-6 - 100X10	1,000	
BAY-7 - 60X17	2,040	
BAY-8 - 60X17		
BAY-9 - 77X25	7,700	
BAY-10 - 77X25		
BAY-11 - 77X25		
BAY-12 - 77X25		
BAY-13 - 144X25	3,600	
BAY-14- - 60X20	3,600	
BAY-15 - 60X20		
BAY-16 - 60X20		
BAY-17 -140X25	10,500	
BAY-18 - 140X25		
BAY-19 - 140X25		

(II) TOTAL OPEN FABRICATION AREA

I) 77X25	12,050
II) 45X225	

(III) TOTAL BLASTING PAINTING COVERED AREA

73X40+144X25=6,520
TOTAL BLASTING PAINTING OPEN AREA
144X113=16,272

(IV) TOTAL RAW MATERIAL STORAGE AREA

I) 77X25	9,895
II) 170X25	
III) 66X13	
IV) 144X18	

(V) FINISHED GOOD STORAGE AREA - 62X51 =3162

62X51 =3162

NOTE:- ALL DIMENSIONS ARE IN MM&METER



KHOPOLI Unit
Infrastructure



Ownership	Karbon Steel
Location	Khopoli, Maharashtra
Total Area	202612 sq. ft.
Covered Area	101507 sq. ft.
Production Capacity	1000+ MT / Month
Manpower	300+
Manufacturing Capability	Light, Medium, Heavy Fabrications, Piping, Tanks,
Power Source	100 HP each 2 nos. Connections
Infra	Crain, Hydra, Trailer

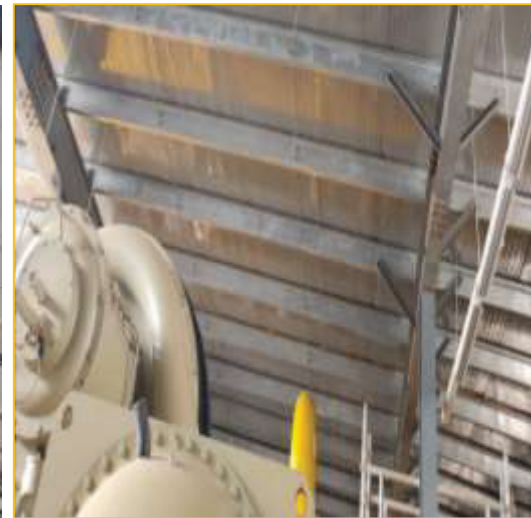


ERECTION PROJECTS





ERECTION PROJECTS





ERECTION PROJECTS



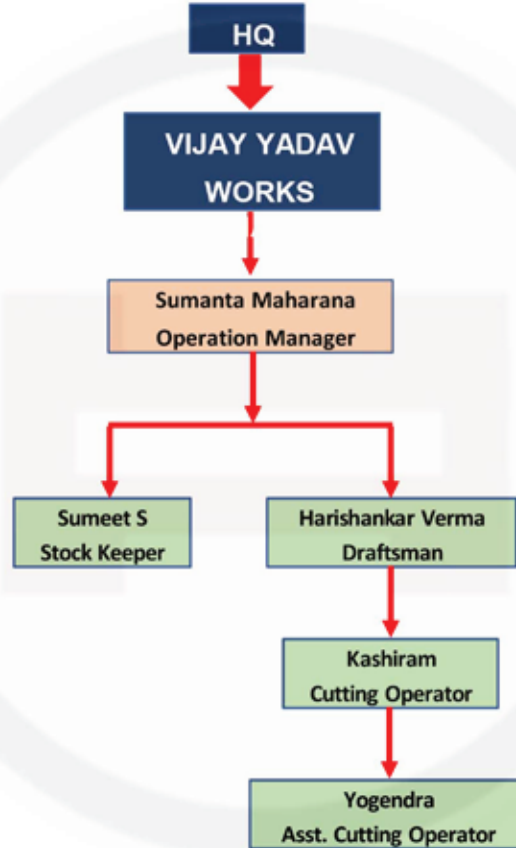




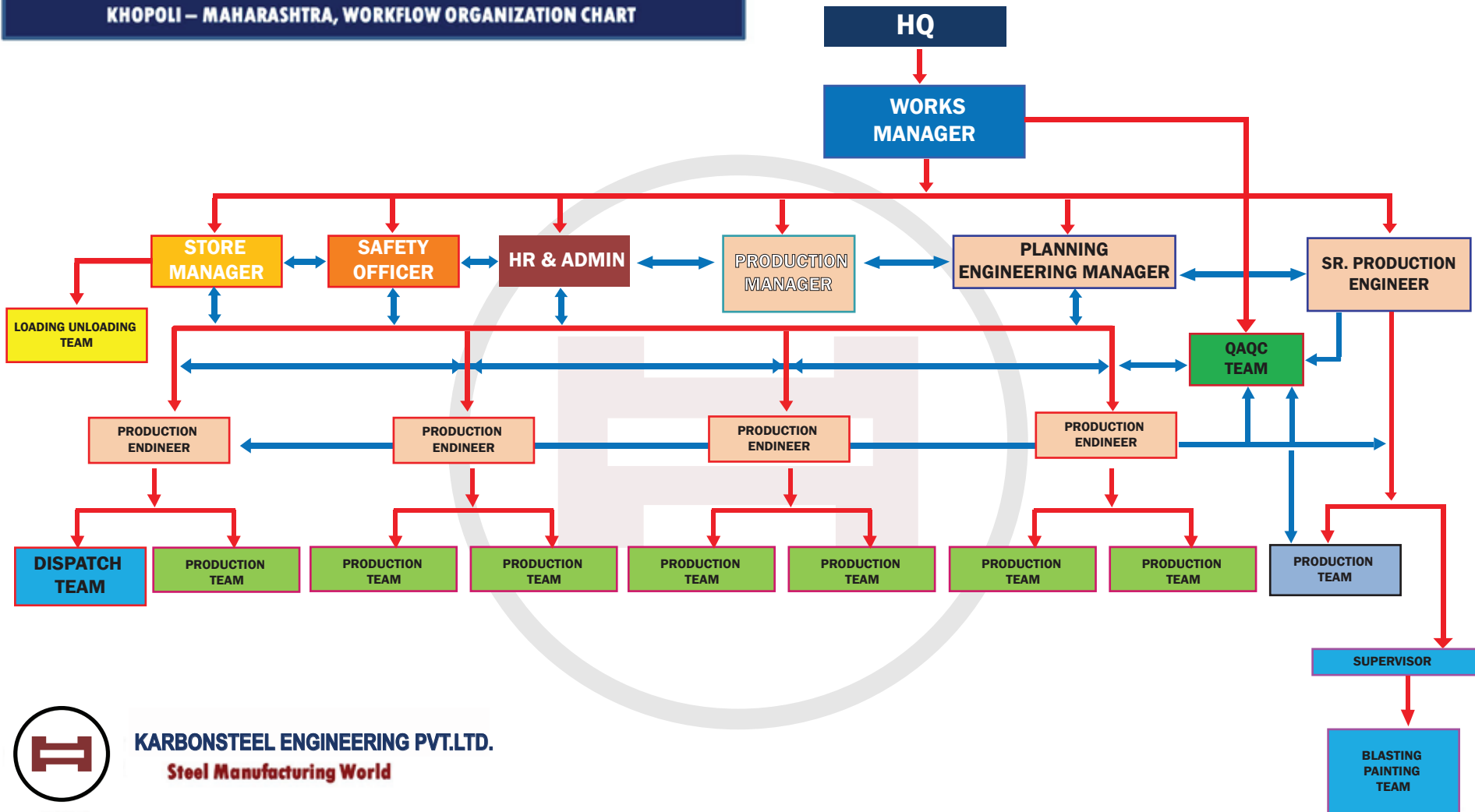




WAREHOUSE & STORAGE YARD WORKFLOW ORGANIZATION CHART



KHOPOLI – MAHARASHTRA, WORKFLOW ORGANIZATION CHART





Certificate of Registration

*This is to certify that
The Quality Management System of
KARBON STEELMART PVT. LTD.*

B-8, Ratandeeep Cosmopolitan Chs Ltd, 140-141 S. V. Road, Near Shoppers Stop, Andheri (W), Mumbai - 400058, Maharashtra,
Factory : Om Industrial Park, New Glde, Opp Nipra Industries,
Near Coastal Road, Umbergaon - 396171, Gujarat

*has been assessed and found to be in compliance
with the requirements of the standard*

ISO 9001:2015

for the following scope :

Fabricated Pipe Spools, Technological Structure, Carbon Steel Plates
Profiles, Supply of Plates & Coils In Carbon Steel, Stainless Steel,
Alloy Quality, and Pipe, & Fittings.

CERTIFICATE NO. : 21ZC4K7245G

ISSUED DATE : 16/02/2021
EXPIRY DATE : 15/02/2024

1ST SURVEILLANCE : 15/02/2022
2ND SURVEILLANCE : 15/02/2023



Authorized Signatory

INTERNATIONAL QUALITY CERTIFICATION SERVICES UK LTD
171, Park Street, Singapore 228 071, SINGAPORE



Corporate Office

B-8, Ratandeeep Cosmopolitan CHS LTD
140-141, S. V. Road, Near Shopper
Stop, Andheri (W), Mumbai – 400058.

Khopoli Factory

Shree Ganesh Water Supply, Near Uttam
Galva Gate, Opp Renuka Sugar,
Village Donwat, Taluka Khalapur, Raigad
410203, Maharashtra, India

Umgergoan Factory

Om Industrial Park, New GIDC, Opp Nipra
Industries, Near Coastal Road,
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THANKING YOU !!

