



LIKHITA ENERGY SYSTEMS(P) LTD

YOUR QUALITY OUR COMMITMENT

Unit-I :PlotNo.633&635,APIIC,GrowthCentre, Gundlapally(V),
Maddipadu(M),Prakasham (D),Andhra Pradesh-523211.

Unit-II:Survey # 103,Thammavaram,BodduvaniPalem(V),
Korisapadu(M),Prakasham(D),Andhra Pradesh-523212.

Mail id: likhita.energy@gmail.com,info@likhitagroup.com



CORPORATE OFFICE

**A-15/PART, IDA KUKATPALLY
GANDHINAHAR, HYDERABAD
TELANGANA, INDIA-500037.**

**WWW.likhitagroup.com
info@likhitagroup.com**



LIKHITA GROUP

MD's MESSAGE

"LIKHITA GROUP, has come into existence to create new pathways in the field of steel structures and lead the way by setting example for others to follow. Our Aim and endeavor is to scale greater and newer peaks in global competitive environment, with a firm resolve of following the path of ethics, values and transparency in the Sectors of Thermal, Wind and Solar Energy.

We are supporting the Pharma Industry by giving World class Reactors of the Industry needs. We sincerely support to protect our Nation Resources and convert it into Energy by supporting Wind and Solar Energy with Best Quality of Fabrication Structures with in house Hot Dip Galvanizing Facility.

Dedication, devotion to responsibilities and excellence in management with enhanced social responsibilities are basis of our foundation.

LIKHITA has had many challenges coming its way, but we converted them into earning opportunities and steadfastly overcome each one of them to come out with flying colors successfully because of our Operational efficiency and excellent Human Capital management.

The quality of our manufactured products and highest customer satisfaction are the direct derivatives of our sincere efforts and commitments. The company is on accelerated growth with a motto to celebrate life by saving environment and spreading green growth.

TY REDDY

About Management

Executive Summary

*Directors of “**Likhita Group**” are highly qualified & motivated Engineering professionals who are passionate about providing exceptional quality and support. With more than 30 years of rich and diversified experience in design, develop and manufacturing of various mechanical components, Construction and Pharmaceutical drugs. We have stringent internal quality processes that ensure the highest level of quality standards in the final product.*

Executive Profiles:

T Y Reddy - Managing Director:

Mr. T Y Reddy having more than 30 years experience in Fabrication Industry. He is the founder and Managing Director (MD) of Likhita Group of Companies. In addition to his technical expertise, he has an exceptional record of leadership and management in corporate environments. Much of his focus is on design, develop and manufacturing of equipment for the chemical industry. He has designed and finely tuned the equipment's like chemical reactors, heat exchangers etc., and also extensively involved in sheet metal fabrication for building systems.

He was involved in designing & planning of chemical plant (for M/s“Nifty Labs Pvt. Ltd.”) and manufactured all the chemical equipment (like Rectors, Heat Exchangers, Condensors etc.) and implemented in the Plant. He is one of the Promoter and Director of the M/s Nifty Labs Pvt Ltd. He graduated in Mechanical Engineering from the University of Marathwada in India. His passion is to maintain quality in all aspects of his business and taking care of his clients.

About Management

Prabhkar Tatiparthi - Executive Director:

Mr. Prabhkar has over a decade of experience in architecture, design and development of large-scale distribution systems. Prior to moving over to "Likhita Process industries" he has been working as Microsoft Certified System Administrator and Cisco Network Architect in various companies in the USA from 1998 to 2007. He has hands full experience in design and implementation of world-class data centers. He has worked on a broad range of Hardware Platforms and other Networking Hardware for companies like CISCO, HP, DELL and IBM.

He graduated in Electronics & Communication Engineering from the Institution of Engineers, Calcutta, India. And also he holds a degree in Bachelor of Sciences (B.Sc. Maths.) from Nagarjuna University in Guntur, India. His passion is to maintain business relationship with the clients. When he was in California (USA), he maintain ed and led the customer support department for worldwide clients

QUALITY POLICY

- ❑ To earn reputation as manufacturer of high quality heavy fabrication complying to international standards.
- ❑ To meet total customer satisfaction and trust.
- ❑ To pursue continual improvement in the quality of processes, products and services.
- ❑ To develop a committed and quality conscious team.
- ❑ To achieve business growth & profitability through team work and innovations
- ❑ To comply with all the applicable statutory and regulatory requirements



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➤ MAJOR CUSTOMERS

SUZLON
POWERING A GREENER TOMORROW



NCC
NCC Limited



TATA POWER SOLAR



BGR ENERGY

juwi
Energy is here

INOXWIND
Energizing INDIA



SIEMENS

Dr.Reddy's

HETERO

MSNO



COVALENT
Laboratories Private Limited



ReGen POWERTECH

TOSHIBA
Leading Innovation >>>

ICOMM



Shapoorji Pallonji



pebs pennar
SHARING YOUR IMAGINATION



KENERSYS
KALINI



RESOURCES

COVERED AREA - 15000Sq.Mtrs
UNCOVERED AREA- 30000Sq.Mtrs





LIKHITA

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➤ Certifications

FACTORY LICENCE

REGISTER NUMBER : 98593



FORM NO. 4
PRESCRIBED UNDER RULE 4 (4)
LICENCE TO WORK A FACTORY

1. Licence Number : 17500 A (72)
2. Registration Number : 98593
3. Full Name of Factory : LIKHITA ENERGY SYSTEMS -
PVT LTD
4. Full Address/location of factory : PLOT NO 633&635
I.C.C. GUNDLAPALLI
HADDIPADU RD
PRAKASH (P)
- D.D.
6. Maximum horse power installed regular/
standby : 345.5
7. Maximum number of workers to be employed : 50
8. Full name, father's name, age & residential
address of the occupier and his position in the
company/firm/Government factory/local fund factory : Sd/THATIPARTHI YELLANANDA -
REDDY
Sd/ RAGHAVA REDDY AGE: 46
PLOT NO-20, GREEN AVENUE,
NIZAMPET ROAD, KUKATPALLY
HYDERABAD-73

Licence is hereby granted to the factory at 3 above for the premises stated at 4 above for use as a factory within the limits stated in 6 and 7 above subject to the provisions of the Factories Act, 1948 and the rules made thereunder.

This Licence shall be valid until it has been duly cancelled.



"ENDORSEMENTS"

Inspector of Factories
Inspector of Factories

G ONGOLE-2.

12-1-12



LIKHITA
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➤ Certifications SSI PART II

ENTERPRENUERS MEMORANDUM NUMBER –
280181200376 PART II

SL. NO. 018100389

ACKNOWLEDGEMENT

"PART-II"

00376

1. M/S. LIKHITA ENERGY SYSTEMS PVT. LTD.

HAS FILED

MEMORANDUM FOR A Manufacturing ENTERPRISE AT THE ADDRESS Survey / Plot No.:

NO. 635, Gajula Palle (Village), (Town), Madduradu (Mandal), Prakasam (District),
ANDHRA PRADESH (State), 522211

SMALL

FOR THE ITEM / ITEMS INDICATED BELOW AS PER THE FACTS STATED IN FORM NO. 018100389
AND ALLOCATED ENTREPRENEUR'S MEMORANDUM NO. AS BELOW.

2. DETAILS OF ITEM / ITEMS TO BE MANUFACTURED / SERVICE TO BE PROVIDED:

Sl. No.	Items of Manufacture / type of service to be rendered	Capacity in case of manufacture		Initial date of production / commencement of service
		Qty	Units	
1	Fabrication	19000	Items	26/04/2011

3. DETAILS OF PLANT AND MACHINERY AS PER DATE-WISE INVESTMENT

Investment in (TAKES)

Plant and Machinery

200.00

equipment

0.00

Date of Investment
(DD/MM/YYYY)

15/07/2010

(add additional sheet if required)

4. NOTE: THE ISSUE OF THIS ACKNOWLEDGEMENT DOES NOT BESTOW ANY LEGAL RIGHT
THE ENTREPRENEUR IS REQUIRED TO SEEK NECESSARY CLEARANCE / LICENSE / PERMIT RESPECTIVE
UNDER STATUTORY OBLIGATION STIPULATED UNDER THE LAWS OF CENTRAL GOVERNMENT / STATE
GOVERNMENT / JUDICIAL ADMINISTRATIONS / COURT ORDERS.

5. DATE OF CHANGE OF CATEGORY FROM MICRO /
SMALL TO SMALL / MEDIUM OR VICE-VERSA.

6. DATE OF ISSUANCE

14-Oct-2011

7. NATURE OF ACTIVITY

(MANUFACTURING-1, SERVICES-2)

1

8. CATEGORY OF ENTERPRISE

(MICRO-1, SMALL-2, MEDIUM-3)

2

9. ENTREPRENEUR'S MEMORANDUM NUMBER

280181200376 PART - II

(first two boxes are for State/Union Territory code, next three boxes are for District code, sixth and seventh boxes are for category of enterprise (sixth box for indicating manufacturing or service and seventh box for indicating micro or small or medium) and last five boxes are for Entrepreneur's Memorandum number)

DATE: 14-Oct-2011

PLACE: Ongole

(Signature)



(Signature)
GENERAL MANAGER
DISTRICT INDUSTRIES CENTRE
ONGOLE






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➤ Certifications

NSIC REF NO. - NSIC/GP/VIJ/2017/56106

 राष्ट्रीय लघु उद्योग निगम लिमिटेड THE NATIONAL SMALL INDUSTRIES CORPORATION LIMITED (A Government of India Enterprise)		Sr. No. 97087 S.No. VIJ-0001013										
Branch Office : Door No.59A-8/8-6B/1, 3rd Floor, Main Road, Gurunanak Colony, Vijayawada, Krishna District, Andhra Pradesh-520 008 Ph : 0866-2541055 Fax : 0866-2545055 Email : bovijayawada@nsic.co.in Website : www.nsic.co.in												
GOVERNMENT PURCHASE ENLISTMENT CERTIFICATE												
Renewal Certificate (Valid From 03/10/2021 to 02/10/2023) Ref.No NSIC/GP/VIJ/2017/56106		Date: 11/11/2021										
M/s. LIKHITA ENERGY SYSTEMS PVT LTD PLOT NO.633 & 635, APIIC GROWTH CENTRE, GUNDLAPALLE, MADDIPADU, ONGOLE PRAKASAM, ANDHRA PRADESH- 523211	Factory Address: 1. PLOT NO-633 & 635, APIIC GROWTH CENTRE, GUNDLAPALLE, MADDIPADU, ONGOLE PRAKASAM, ANDHRA PRADESH -523211 2. Survey # 103, Thamavaram (V), Boduvanipalem, Korisapadu, Mandal, Ongole PRAKASAM, ANDHRA PRADESH -523212											
Name of the Directors 1.SRI T. YELLAMANDA REDDY 2.SRI T. PRABHAKAR REDDY 3.SRI A.S.G.S. SANDILYA Constitution: Private Limited	Udyam Registration Number UDYAM-AP-13-0003758	Enterprise Social Class: GENERAL Special Category: GENERAL										
GOVERNMENT PURCHASE REGISTRATION NO: NSIC/GP/VIJ/2016/0028582 Monetary Limit: ₹ 1415 lakhs (₹ One Thousand Four Hundred Fifteen Lakh Only) TURNOVER (Rupees in Lakhs)												
<table border="1"> <thead> <tr> <th>Financial Year</th> <th>Annual Turnover</th> </tr> </thead> <tbody> <tr> <td>2017-18</td> <td>1447.84</td> </tr> <tr> <td>2018-19</td> <td>2828.26</td> </tr> <tr> <td>2019-20</td> <td>2131.06</td> </tr> <tr> <td>Monetary Limit</td> <td>1415</td> </tr> </tbody> </table>			Financial Year	Annual Turnover	2017-18	1447.84	2018-19	2828.26	2019-20	2131.06	Monetary Limit	1415
Financial Year	Annual Turnover											
2017-18	1447.84											
2018-19	2828.26											
2019-20	2131.06											
Monetary Limit	1415											
MSEs registered with NSIC are exempted from deposit of Earnest Money irrespective of value of Monetary Limit.												
Your name has been registered as a MSE Unit eligible for participation in the Central Government Store Purchase Programme as per the Single Point Registration Scheme for the following Item(s)/Store(s)/Service(s).												
<table border="1"> <thead> <tr> <th>Name of the Store(s)/Service(s)</th> <th>Specification(s)</th> <th>Qualitative Capacity</th> <th>Quantitative Capacity P.A.</th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center;">"As per List Attached" (15 item only)</td> </tr> </tbody> </table>	Name of the Store(s)/Service(s)	Specification(s)	Qualitative Capacity	Quantitative Capacity P.A.	"As per List Attached" (15 item only)							
Name of the Store(s)/Service(s)	Specification(s)	Qualitative Capacity	Quantitative Capacity P.A.									
"As per List Attached" (15 item only)												
Disclaimer:- The purchasing agencies are advised to satisfy themselves with the store details in the certificate while doing the Technical Evaluation stage before placing the tender/order on the units, certified by NSIC.												
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div>  M/s. LIKHITA ENERGY SYSTEMS PVT LTD "Authenticity of the certificate can be checked through the web portal: www.nsicportal.org" </div> <div style="text-align: center;">  </div> <div> N. PANNEER Senior Branch Manager THE NATIONAL SMALL INDUSTRIES CORPORATION LIMITED D.No.59A-8/8-6B/1, 3rd Floor, Main Road Gurunanak Colony, VIJAYAWADA-520 008 </div> </div>												
CIN : U74140DL1955GOI002481												

Conditions overleaf.



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➤ **CERTIFICATE OF INCORPORATION**

**CORPORATE IDENTITY NUMBER :
U29248AP2010PTC069033**



**प्रारूप 1
पंजीकरण प्रमाण-पत्र**

कॉर्पोरेट पहचान संख्या : U29248AP2010PTC069033

2010 - 2011

मैं एतद्वारा सत्यापित करता हूँ कि मैसर्स

LIKHITA ENERGY SYSTEMS PRIVATE LIMITED

का पंजीकरण, कम्पनी अधिनियम 1956 (1956 का 1) के अंतर्गत आज किया जाता है और यह कम्पनी प्राइवेट लिमिटेड है।

यह निगमन-पत्र आज दिनांक इक्कीस जून दो हजार दस को मेरे हस्ताक्षर से हैदराबाद में जारी किया जाता है।

**Form 1
Certificate of Incorporation**

Corporate Identity Number : U29248AP2010PTC069033

2010 - 2011

I hereby certify that LIKHITA ENERGY SYSTEMS PRIVATE LIMITED is this day incorporated under the Companies Act, 1956 (No. 1 of 1956) and that the company is private limited.

Given under my hand at Hyderabad this Twenty First day of June Two Thousand Ten.



(SHRIRAM MOTIRAM SAINDANE)

उप कम्पनी रजिस्ट्रार / Deputy Registrar of Companies

आंध्र प्रदेश
Andhra Pradesh

कम्पनी रजिस्ट्रार के कार्यालय अभिलेख में उपलब्ध पत्राचार का पता :

Mailing Address as per record available in Registrar of Companies office:
LIKHITA ENERGY SYSTEMS PRIVATE LIMITED
PLOT NO A 15/PART, IDA, KUKATPALLY, GANDHI NAGAR IDA,
HYDERABAD - 500072,
Andhra Pradesh, INDIA



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➤ Certifications

MSME Registration No. AP13B0026423

B		Type of Enterprise	Micro	Small	Medium
		Manufacturing	A	B	C
		Services	D	E	F
		UAN	AP13B0026423		

Udyog Aadhaar Memorandum

- Aadhaar Number: 947383664229
- PAN Number: AABCL8136A
- Name of Entrepreneur: THATIPARTHI YELLAMANDA REDDY
- Social Category of Entrepreneur: GENERAL
- Gender: Male
- Physically Handicapped: No
- Name of Enterprise: LIKHITA ENERGY SYSTEMS PVT LTD
- Type of Organization: Private Limited Company
- Location of Plant Details

SN	Flat/Door/Block No.	Name of Premises/Building Village	Road/Street/ Lane	Area/Locality	City	Pin	State	District
1	UNIT-1, # 633 & 635	APIIC, Industrial Growth Centre	Gundlapalle	Maddipadu	Ongole	523211	ANDHRA PRADESH	PRAKASAM
2	Unit-2, Survey # 103	Thamavaram (V)	Boduvanipalem	Korisapadu Mandal	Ongole	523212	ANDHRA PRADESH	PRAKASAM

Official Address of Enterprise: MS. LIKHITA ENERGY SYSTEMS PVT LTD UNIT -1 & 2, PLOT NO:633 & 635, APIIC GROWTH CENTRE, GUNDLAPALLE, MADDIPADU, ONGOLE

- | | | | | | |
|------------|------------|--------|-----------------------|-----|--------|
| District | PRAKASAM | State | ANDHRA PRADESH | PIN | 523211 |
| Mobile No: | 9849008414 | Email: | info@likhitagroup.com | | |
- Date of commencement: 21/06/2010
- Previous Registration details-if any: EM-2 :: 280181200376
- Bank Details

IFS Code	ANDB0000089
Bank Account:	008913100002917
- Major Activity: MANUFACTURING

SN	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit Code	Activity Type
1	25 - Manufacture of fabricated metal products, except machinery and equipment	2511 - Manufacture of structural metal products	25112 - Manufacture of metal frameworks or skeletons for construction and parts thereof ((towers, masts, trusses, bridges etc.)	Manufacturing
2	25 - Manufacture of fabricated metal products, except machinery and equipment	2512 - Manufacture of tanks, reservoirs and containers of metal	25121 - Manufacture of metal containers for compressed or liquefied gas	Manufacturing
3	25 - Manufacture of fabricated metal products, except machinery and equipment	2512 - Manufacture of tanks, reservoirs and containers of metal	25122 - Manufacture of metal reservoirs, tanks and similar containers	Manufacturing
4	25 - Manufacture of fabricated metal products, except machinery and equipment	2512 - Manufacture of tanks, reservoirs and containers of metal	25129 - Manufacture of other containers n.e.c.	Manufacturing
5	30 - Manufacture of other transport equipment	3020 - Manufacture of railway locomotives and rolling stock	30203 - Manufacture of railway or tramway rolling stock, not self-propelled (passenger coaches, goods vans tank wagons, self-discharging vans and wagons, workshop vans, crane vans, tenders etc.	Manufacturing
6	25 - Manufacture of fabricated metal products, except machinery and equipment	2599 - Manufacture of other fabricated metal products n.e.c.	25999 - Manufacture of other fabricated metal products n.e.c.	Manufacturing

- Persons employed: 30
- Investment (Plant & Machinery / Equipment's): 483(Rs. In Lakhs)
- District Industry Centre: PRAKASAM

Declaration
I hereby declare that information given above is true to the best of my knowledge. Any information, that may be required to be verified, shall be provided immediately before the concerned authority.

MyMsme Mobile App (Beta Version) is available now for download. <https://play.google.com/store/apps/details?id=msme.mymmsme>



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FORM GST REG-25

GSTIN. - 37AABCL8136A1ZS



Government of India
Form GST REG-06
[See Rule 10(1)]

Registration Certificate

Registration Number : 37AABCL8136A1ZS

1.	Legal Name	LIKHITA ENERGY SYSTEMS PRIVATE LIMITED			
2.	Trade Name, if any	M/S LIKHITA ENERGY SYSTEMS PRIVATE LIMITED			
3.	Constitution of Business	Private Limited Company			
4.	Address of Principal Place of Business	Plot No.633,635, APIIC GROWTH CENTRE, GUNDLAPALLI, MADDIPADU MANDAL, Prakasam, Andhra Pradesh, 523211			
5.	Date of Liability	01/07/2017			
6.	Period of Validity	From	01/07/2017	To	NA
7.	Type of Registration	Regular			
8.	Particulars of Approving Authority				
Signature					
Name					
Designation					
Jurisdictional Office					
9. Date of Issue of Certificate		21/09/2017			
Note: The registration certificate is required to be prominently displayed at all places of business in the State.					



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ACCREDITATIONS:

ISO 9001-2015

QUALITY MANAGEMENT SYSTEM



CERTIFICATE

Management system as per
ISO 9001 : 2015

In accordance with TÜV INDIA procedures, it is hereby certified that

LIKHITA ENERGY SYSTEMS PVT. LTD.

Unit I: Plot No: 633 & 635, APIC Growth Centre, Gullapalle(V),
Maddipadu(M), Prakasham District, Andhra Pradesh - 523 211
Unit II: Survey # 103, Thamavaram(V), Boduvanipalem,
Korisapadu Mandal, Prakasam Dist, Ongole - 523 212,
Andhra Pradesh,
India



applies a management system in line with the above standard for the following scope

Manufacture and Supply of Heavy Structural Steel Fabrications Steel Fabrication for Airport & Architecturally Exposed Structural Steel (AESS), Coach Components for Indian Railways, Module Mounting Structures for Solar Power Plants, Electrical and Other related Works for up to 220KV Transmission Lines, Pressure Vessels, Storage Tanks and Chemical Plant Equipments, Wind Mill Towers & Tower Internals.

Certificate Registration No. QM 06 00364
Audit Report No. Q 8730/2018

Certification Body
at TÜV INDIA PVT. LTD.

Valid until 07.06.2024
Valid from 08.06.2021
Initial Certification 08.06.2018

Issue 20.05.2021
Place : Mumbai

This certification was conducted in accordance with the TÜV INDIA auditing and certification procedures & shall be valid subject to regular Surveillance Audits.

TÜV India Pvt. Ltd., 801, Raheja Plaza - 1, L.B.S. Marg, Ghatkoper (W), Mumbai - 400 086, India cert_helpdesk@tuvindia.co.in





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TUV INDIA PRIVATE LIMITED
304 & 304 A, 3rd Floor,
Ashok Bhopal Chambers
S. P. Road,
Secunderabad - 500003, India
CIN : U74140MH1989PTC052930
Phone : (040) 42021220
Toll Free : 1800-209-0902
Email : hyd@tuv-nord.com
Website : www.tuv-nord.com/in

➤ ACCREDITATIONS:

ISO 14001:2015

ENVIRONMENT MANAGEMENT SYSTEM

ISO 45001:2018

OCCUPATIONAL HEALTH, SAFETY AND SYSTEM

TO WHOM SO EVER IT MAY CONCERN

6th September 2021

M/s. LIKHITA PROCESS INDUSTRIES & LIKHITA ENERGY SYSTEMS PVT LTD

DOOR NO: 02-158/16/4NR, SY NO.90,91,92&93, OPP.

JYOTHI MILLS DIARY,

SURARAM(V), QUTHUBULLAPUR(M), RR(Dt),

TELANGANA-500013,

Unit 1: LIKHITA ENERGY SYSTEMS PVT LTD,

PLOT NO: 633&635, APIIC GROWTH CENTRE, GUNDLAPALLY,

MADDIPADU(M), PRAKASAM(D), ONGOLE, ANDHRA PRADESH-523211

Unit 2: LIKHITA ENERGY SYSTEMS PVT LTD

Survey # 103, Bodduvanipalem(V), Thammavaram Road, Korisapadu(M),

Prakasam(D), Ongole, Andhra Pradesh-523212

Sub.: ISO 14001:2015, ISO 45001:2018 Re-Certification Audit

Dear Sir,

This is with reference to the certification audit of your organization for standards ISO 14001:2015, ISO 45001:2018 performed on date 2nd to 4th September 2021 (Recertification). The assessments covered the above location.

The Company has furnished proof that it has implemented and maintained the system in accordance with the above mentioned standards. The team of auditors have recommended the certificates can be issued, subject to approval by the certification body, TUV INDIA & TUV TN CERT Germany.

The scope of Quality Management System is as follows: -

"LIKHITA ENERGY (UNIT1 & UNIT2): "MANUFACTURE AND SUPPLY OF WIND MILL TOWERS & TOWER INTERNALS

MANUFACTURE AND SUPPLY OF PRESSURE VESSELS,

STORAGE TANKS AND CHEMICAL PLANT EQUIPMENTS,

MANUFACTURE AND SUPPLY OF COACH COMPONENTS FOR INDIAN RAILWAYS,

MANUFACTURE AND SUPPLY OF MODULE MOUNTING STRUCTURES FOR SOLAR POWER PLANTS"

LIKHITA PROCESS INDUSTRIES: MANUFACTURE AND SUPPLY OF WIND MILL TUBULAR TOWER INTERNALS, SOLAR ENERGY FABRICATED SUPPORTING STRUCTURES AND GENERAL FABRICATION JOBS"

Yours faithfully,
For TUV India Private Limited.,

KVV Satyanarayana
Head - AP & Telangana Region
Certification & Training



Registered & Head Office : 801, Raheja Plaza - 1, L.B.S. Marg, Ghatkopar (W), Mumbai 400 086.

Phone : (022) 6647 70000 • Fax : (22) 6647 7009 • E-mail : mumbai@tuv-nord.com • Website : www.tuv-nord.com/in

TUV NORD GROUP



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➤ **ACCREDITATIONS:**
ISO 3834-2-2005

QUALITY REQUIREMENTS FOR FUSION WELDING
OF METALLIC MATERIALS, COMPREHENSIVE
QUALITY REQUIREMENTS.

CERTIFICATE OF REGISTRATION

intertek
Total Quality. Assured.

This is to certify that the Quality Management System for Welding of:

LIKHITA ENERGY SYSTEMS PVT LTD

Main Site: PLOT: 633 & 635, APIIG-Growth Centre, Ongole, Prakasham Dist,
Andhra Pradesh, 523211, India

Secondary site:

Secondary Site: 103, Thamavaram, Boduvaniapalem, Korisapadu Mandal,
Ongole, Prakasham Dist, Andhra Pradesh, 523212, India

has been assessed by Intertek as conforming to the requirements of:

ISO 3834-2:2005

QUALITY REQUIREMENTS FOR FUSION WELDING OF METALLIC
MATERIALS. COMPREHENSIVE QUALITY REQUIREMENTS.

The Welding Quality Management System is applicable to:

Manufacture and Supply of Boiler Components, Heavy Fabricated Structures,
Solar Components, Wind Mill Towers, Railway Coach Components/Products,
Steel Fabrication for Airport and Architecturally Exposed Structural Steel (AESS)
using material group of 1, 7 and 8 by SMAW, SAW, GMAW, FCAW and GTAW
process.

IAF 17

The validity of this certificate is subject to periodic surveillance.

Certificate Number:
1816449

Initial Certification Date:
28 November 2018

Certification Decision Date:
14 January 2022

Certificate Issue Date:
14 January 2022

Certificate Expiry Date:
27 November 2024



ISO N° 044A

Membro degli Accordi
& Mutuo
Riconoscimento EA,
IAF e ILAC

Calin Moldoveanu

President, Business Assurance

INTERTEK ITALIA SPA,
Via G. Miglioli 2/A
20063 Cernusco sul Naviglio (MI)
ITALY



Worked in compliance with the official government body under a license of accreditation.

In the issuance of this certificate, Intertek assumes responsibility to any party other than to the Client and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements. No system's certification, validity may be confirmed via online certificate validation at www.intertek.com only scanning the code to the right with a smartphone. The certificate remains the property of Intertek, to whom it must be returned upon request.





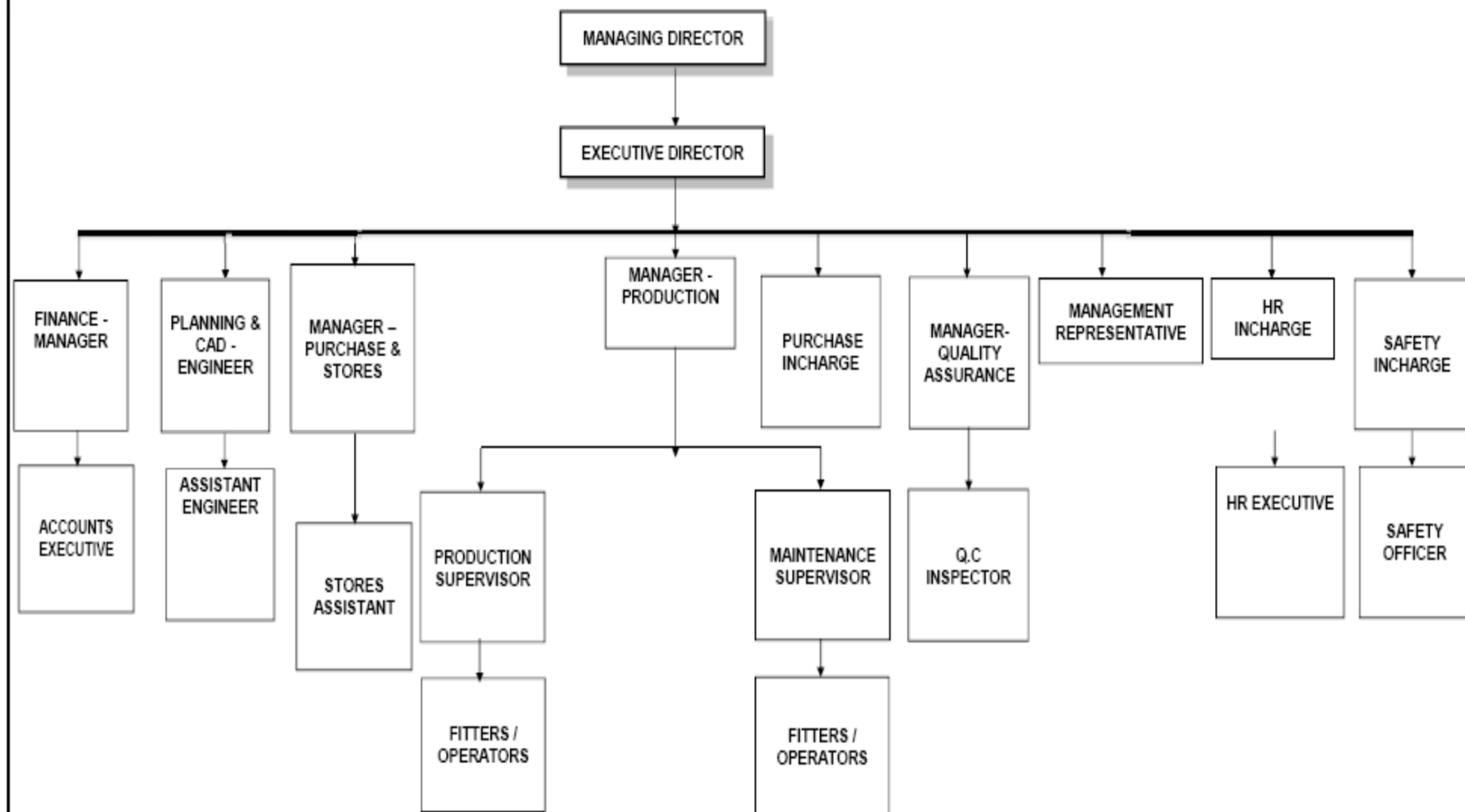
DATE:
10-02-2021
ISSUE # : 04
REVISION# : 00

QUALITY MANAGEMENT SYSTEM MANUAL

ANNEXURE- III
CLAUSE : 5.2

ROLES, RESPONSIBILITIES AND AUTHORITIES – ORGANIZATION CHART

PAGE# : 1 of 1



RAW MATERIAL UNLOADING INSPECTION & STACKING

- » Free from heavy rust and pitting
- » Dimensions within spec
- » Grade, Chemical & Mechanical properties meeting spec
- » Plate identification /proper hard punching as per Test Certificate





PLATE CUTTING

- » Cutting perpendicular to face as per programmed cutting plan
- » Length within specification
- » Length, width & diagonal within Specification
- » All cut plates shall be identified by hard punched as :Model no., Section no. shell serial no

CNC PLASMA MACHINE - 01Nos
BED SIZE - 4MTR x 30MTR (BAY-1)

❖ BEVELLING & ❖ TRANSITION BEVELLING

» Set the cutter angle as per Wps

» Root face, root angle in accordance with approved wps & beveling chart

» Beveled surface should be smooth and free from burrs



BEVELLING MACHINE -02No (BAY-1)
TRANSITION BEVELLING MACHINE-01No

❖ ROLLING

» pinching pressure
w.r.t. thickness as below:

10MM--14MM	15 Bar
15MM--20MM	30 Bar
21MM--26MM	40 Bar
27MM--40MM	50 Bar

» To Check following parameters
in accordance with QAP:
Profile at both Top & Bottom
ends, Peak-in/ Peak-out, Root
Gap,
Plate edge offset,
Circumferential Diameter &
visual check.

PLATE ROLLING MACHINES -2Nos(BAY-1)

1. 60mm Thick X 3000mm = 01 no
2. 25mm Thick X 3000mm = 01 no



❖ LONG SEAM SAW WELDING

» Set the voltage, ampere, speed & wire feed rate as required w.r.t. the job Thickness in accordance with WPS

» Ensure that the Flux is backed. 300°C Min. for 2hrs. Holding Temp before Welding- 150°C. feeding in hopper & during Welding -100°C.
(AS MANUFACTURER RECOMMENDED)

» Ensure the tabs (RUN IN & OUT PLATE) are at least 150mm X 200 mm with same thk.

» Ensure visually welding is free from welding defects like Pin hole, Undercut Burn Through, Uneven Weld bead, Bead Height, Underfill, Spatters & Weld distortion.



DYE PENETRANT TEST FOR LS-JOINTS

- » Ensure the surface of the welds is free from oil, grease, lint and visually ok.
- » Apply the cleaner on test Object to remove foreign material on surface.
- » Spray easy visible penetrant Liquid on weld surface and leave it for sufficient dwell time.
- » After completion of dwell time remove penetrant from surface by help of cleaner.
- » After cleaning, apply developer on surface and leave it for adequate dwell time.
- » If any defect observed mark the location near weld. inform concern person to rectify it.
- » Clean the surface.



❖ FLANGE + SHELL VERTICAL FIT-UP

» Ensure perfect matching of shell & Flange faces inside and outside.

» Equate the circumferential variation in 1:6 (offset: Circumference) variation in entire periphery.

» Ensure dimensions and visual check as per QA

1. Offset
2. Root Gap
3. Centre position



❖ FLANGE + SHELL HYDRAULIC FIT-UP



➤ CS-FITUP

- » Start fit-up of two half section top & Btm
- » Ensure that the root gap is as per WPS & they are matched abreast.
- » Tack welding is done as per WPS.
- » Tack length $4 \cdot t$ or 50 which ever less.
- » Ensure dimensional measurement and visual check in accordance With QAP
 1. Offset
 2. Root Gap
 3. Alignment of shells
 4. Length of Tack
 5. Section length
 6. Plumb Out



SHELL + SHELL WELD

- » Run the welding machine and start the welding from outside of shell.
- » Back chipping to be done after welding on inside groove.
- » Ensure welding path is aligned with the bevel centre during welding.
- » In case of stop the welding process in between, overlap to be ensured while restarting i.e. minimum 50 mm.

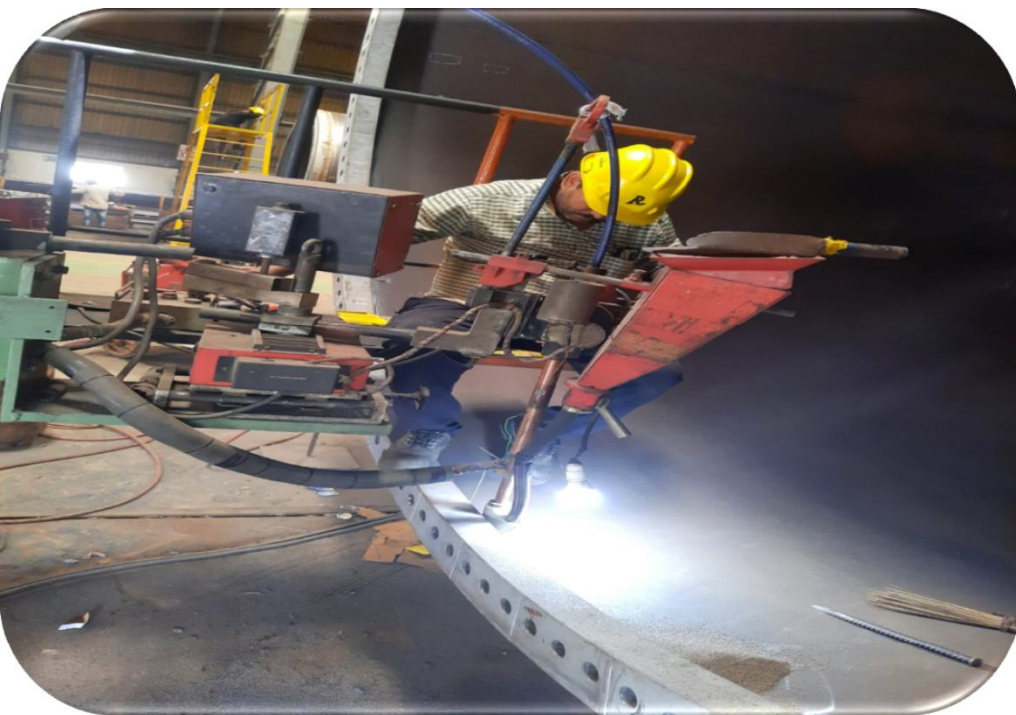


BACKGOUGING



FLANGE+SHELL WELD

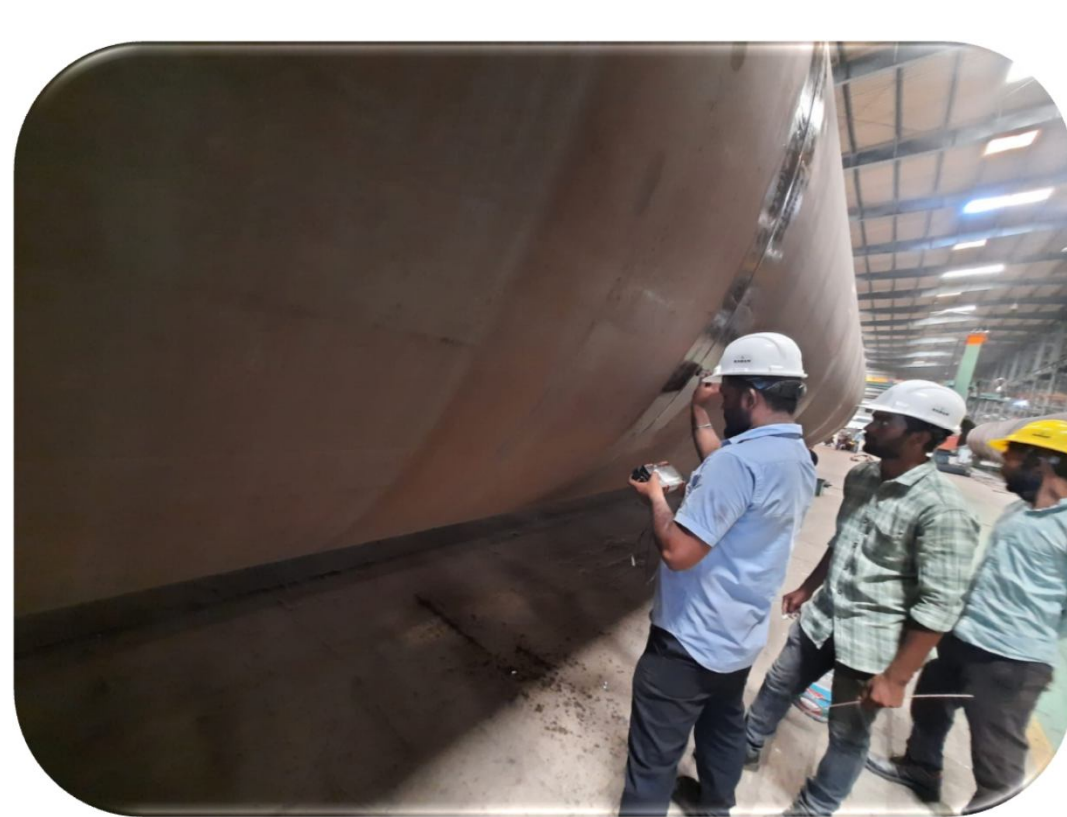
- » Ensure visually welding is Free from welding defects like Pin hole, Undercut, Burn Through, Uneven Weld bead, Bead Height, Underfill, Spatters & Weld distortion.
- » Punch the welder no. near The welding T-joint for CS.



TROLLY & COLUMN BOOM - SAW WELDING

❑ ULTRASONIC TESTING

- » Clean the area around the weld line (HAZ- Heat affected Zone)
- » HAZ area= 150 mm on both side of welding line (Total 300 mm scanning area to be covered).
- » Apply the couplant (50-50 % mixture of Water & starch) on the HAZ area.
- » Increase 6 dB in reference Db before starting the scanning.
- » Keep overlapping of 10 % to ensure complete coverage.
- » scanning speed of 150 mm/sec.
- » Ensure no defect within HAZ area during scanning
- » If any defect found, Identify with chalk & offer for rectification.





❖ RADIOGRAPHIC TESTING

- » Place RT film on T-joint with Magnet.
- » Cordon off the area as the radiation is danger for human body.
- » source setting/centering to be done so as the radiation to be exposed on the film.
- » Press 'Start' button to start the radiation.
- » RT film will be exposed in exposure time.
- » Review the RT film w.r.t. density which should be 1.8 to 3.0.
- » If any defect found Provide traceability for carry out the Repair.

❖ MPI TESTING

- » Calibrate the machine w.r.t. sensitivity block.
- » Ensure the surface is dust free and clean. Remove Spatters from the surface.
- » apply white contrast on the surface to be checked
- » Ensure No flux leakage on the surface area.
- » If defect found, Mark with white chalk





BAY-1

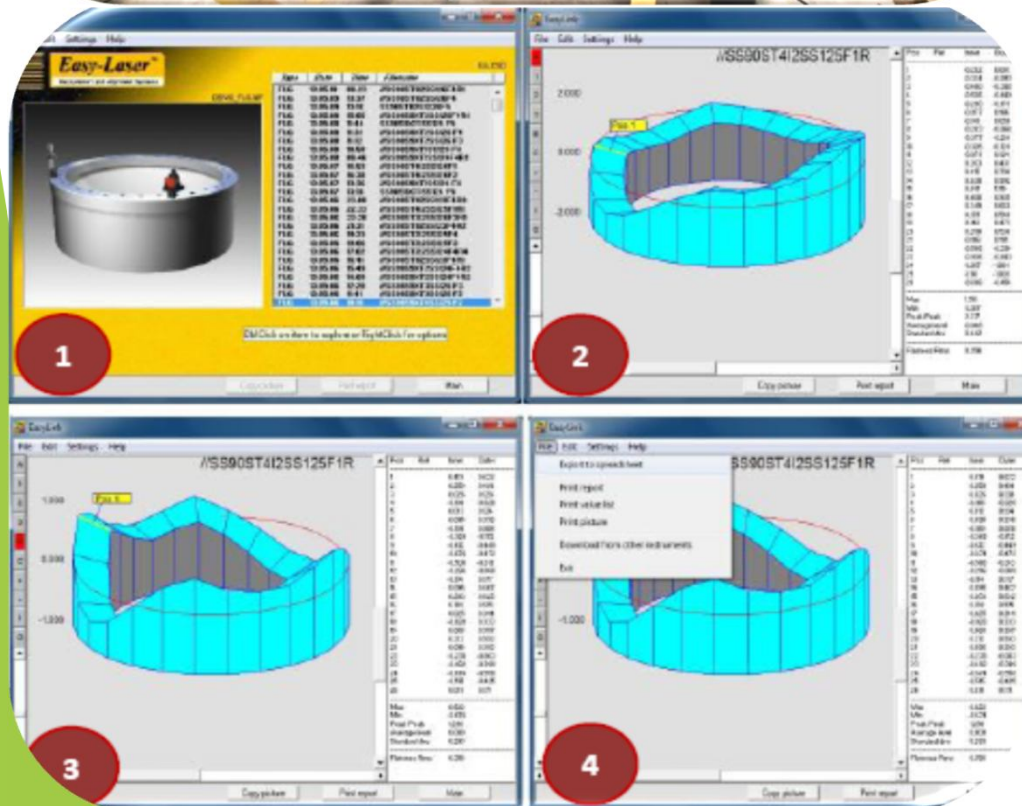


BAY-2



❖ EASY LASER MACHINES-02Nos FLANGE FLATNESS INSPECTION

- » All Flanges tilt & flatness should be within specification
- » Mark the 12 no. of division on flange face where measurement is to be carry out (the Circumferential distance between each division shall not be more than 500-550 mm)
- » Select the program Flatness > Flange Flatness then Enter the number of points (double the no. of division) and the diameter Of flange
- » Start the measurement of flange At inner side and outer side then move to next division & follow the same practice for the whole flange.



❖ FLANGE FACE MACHINING



❖ *EASY LASER MACHINE FLANGE FLATNESS INSPECTION*

- » *Always measure in clockwise direction.*
- » *Inner side value indicates "A" and Outer side value indicates "B".*
- » *The Flange division are marked in such way that the three leveling points (REF Point) should fall in measurement points.*
- » *After completion of measurement save the with respect to the job identification.*
- » *Click on the filename shown in Easy Link window, select option & export all the data got by this to spreadsheet. The program will give measurement values of OD & ID , and also the flange flatness*
- » *Flange tilt indication can be find out using A-B formulae*



JIGS & FIXTURES



❖ FINAL DIMENSIONS CHECKING

» Check dimensions at 4 quadrant $0^{\circ}, 90^{\circ}, 180^{\circ}, 270^{\circ}$:

- a. Alignment/offset
- b. Diagonal
- c. Length

» Check Ovality of both the flanges as below:

1. Check dia at 0° - 180° (Y1) & 90° - 270° (X1)
2. Rotate section to 90°
3. Check dia at 0° - 180° (Y2) & 90° - 270° (X2)
4. $\text{Dia-1} = (Y1+X2)/2$
 $\text{Dia-2} = (X1+Y2)/2$
 $\text{Ovality} = \text{Dia 1} - \text{Dia 2}$



❖ FINAL DIMENSIONS CHECKING

» Check plumb out as below :

» Rotate the section as (90° or 270°) position to bottom.

» Place the plumb from top on 90° to 270° location.

» Set the plum on upper top centre & bottom lower holes.

» Now take plum from there and place on opposite flange top hole & set thread to hole centre.

» Measure distance of bottom hole centre to plumb thread to check 'plumb out





❖ FINAL DIMENSIONS CHECKING

» Check Internals, weldables dimensionally as per approved Internal weldable Check list.

» Check section Visually inside & outside to ensure no defect like :
*Pin hole *Under cut
*Under fill *Spatter *Over lap
*Lamination *Porosity *Dimple
*Mismatch *Depression *buckling
*Any damage

»Acceptance Criteria :

1. Length = ± 10
2. Ovality = 2 mm /Meter
3. Diagonal = ± 3 mm
4. Internals bush distance = ± 2 mm



- » To Check the climate condition.
- » Set pressure. Gun blow Pressure 7 kg/cm²
- » Shot: Grit Ratio 4:1. Open Grit flow valve
- » Blasting shall be carried out as per Approved Control Plan



- » Visual inspection, Surface profile checking against the Standard & Compare the cleanliness with SA2 ½ comparator
- » Surface Profile :- 50- 75 Microns

SHOT / GRIT - CLOSED BLASTING & PAINTING BOOTH
1. Booth Size - 34m X 8m X 8m



❖ METALLIZING

» Ensure surface temp is between -10°C and 45°C . & Humidity $< 80\%$

» Max time delay between blasting and metalizing is 4 hours

» Ensure metalizing gun to surface distance - 150-250mm

» Align the spraying nozzle with respect to flange face & Door, Duct frames to be metalized & maintain the proper distance for better application

» Ensure DFT > 100 Microns & Ensure visually for missing area / lumps on surface.



BLASTING, METALLIZING & PAINTING INSPECTION



PULL OFF ADHESION TEST



CROSS HATCH ADHESION TEST

CROSS HATCH ADHESION TEST- TO ASSESS THE ADHESION OF PAINT COATINGS

PULL OFF ADHESION TEST - TO ASSESS THE PROTECTIVE COATING PROCESS

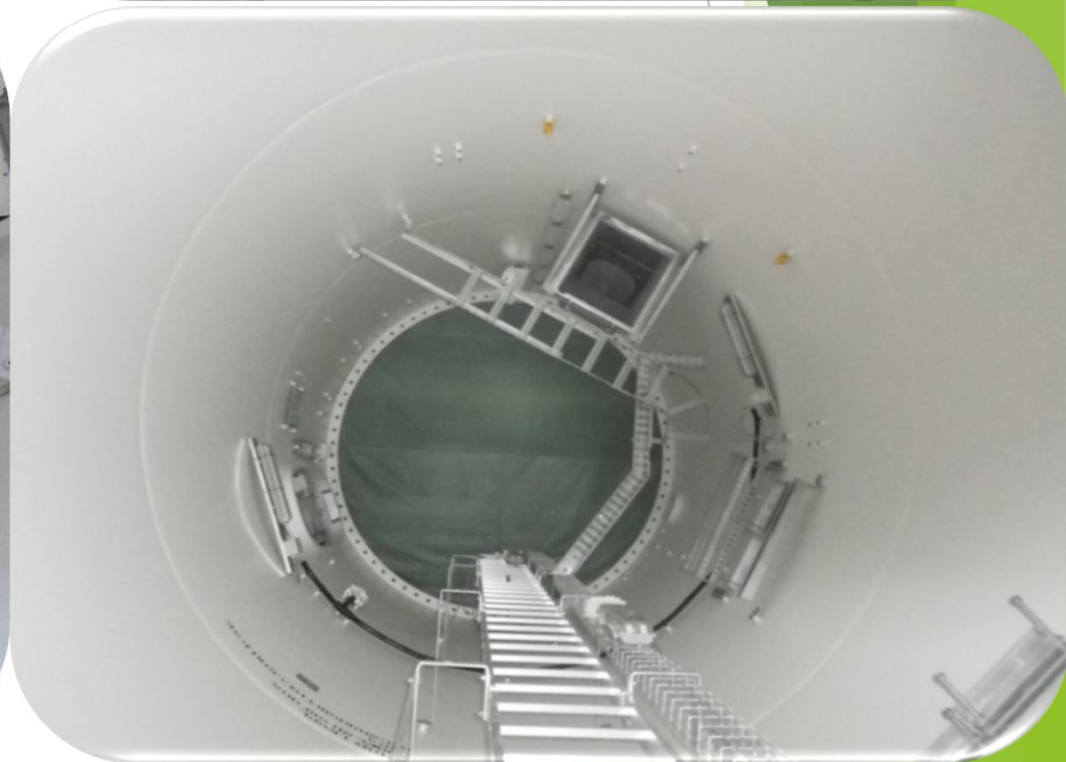
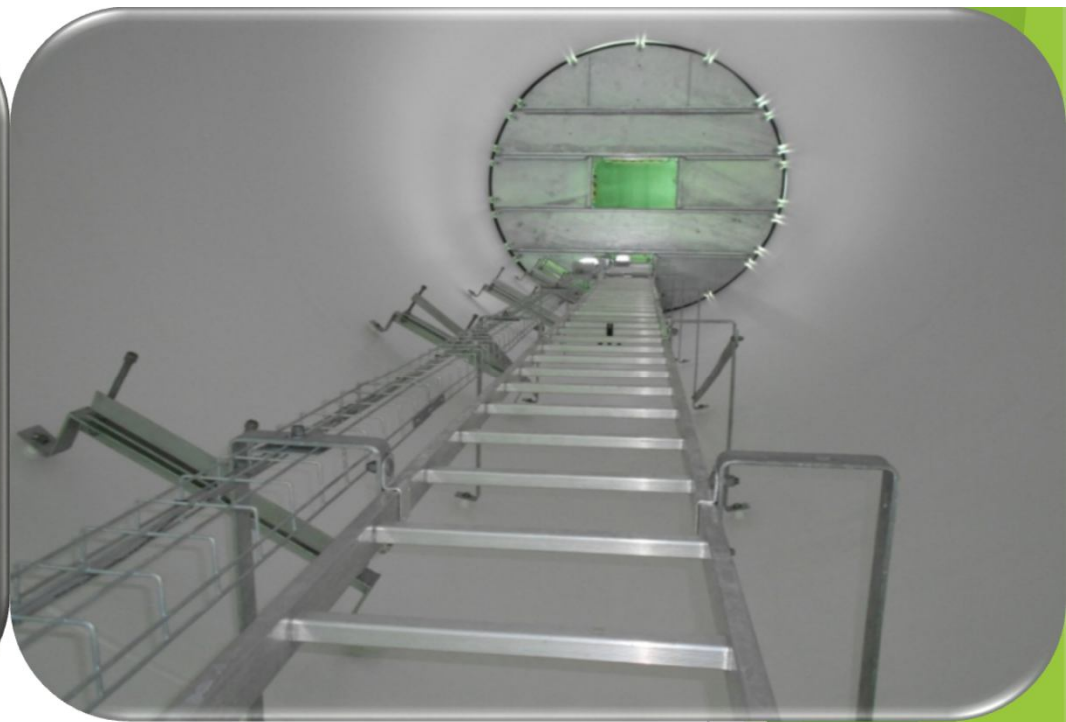
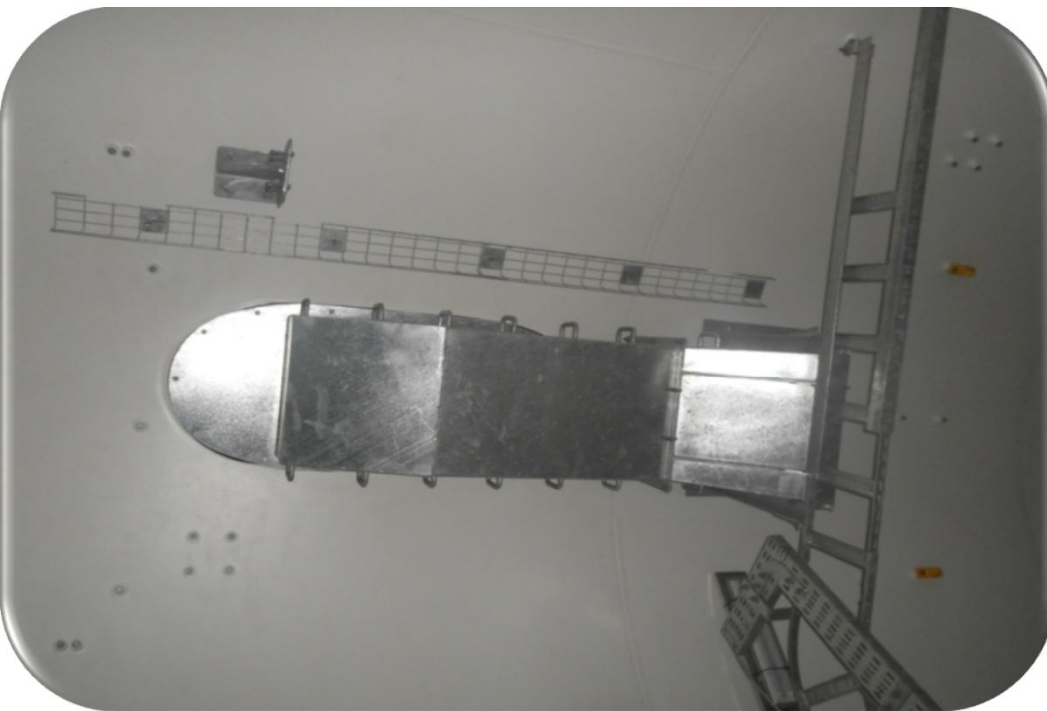
Portable pull-off adhesion testers, like the PosiTest AT, measure the force required to pull a specified diameter of coating away from its substrate. ...During operation, the flat face of a pull stub (dolly) is adhered to the coating to be evaluated.

❖ The Bresle Test

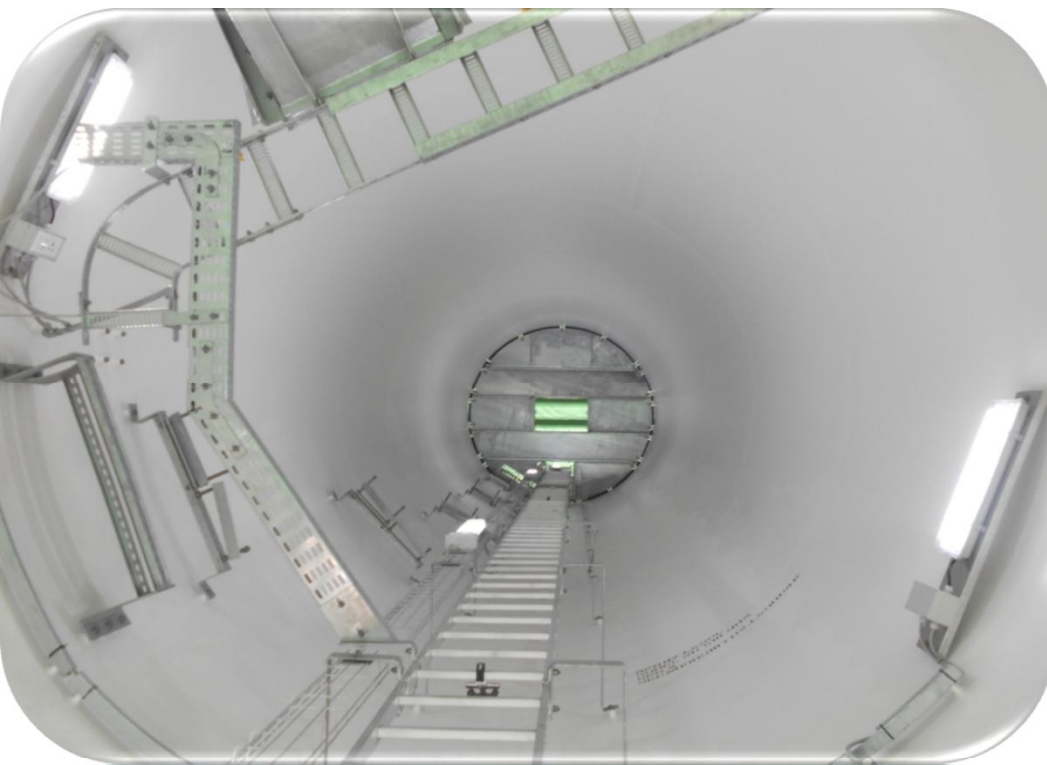
- To help to prevent coating failure due to salts such as chlorides and sulphates contaminating the surface prior to the coating application



SALT CONTAMINATION TEST



ASSEMBLY OF TOWER INTERNALS



ASSEMBLY OF TOWER INTERNALS

FINISHED PRODUCTS STORAGE





STORAGE & STACKING OF FINISHED PRODUCTS



DISPATCH OF FINAL PRODUCT

PACKING GUIDELINES FOR TOWER

- ❖ Ensure the lashing belt is free from damage to avoid any accident or damage of section
- ❖ Put rubber & foam sheet on the saddle to avoid damage of the section paint
- ❖ Load the section by crane by tandom lifting keeping balanced height
- ❖ Put the section on the saddle of trailer with taking care to avoid damage of paint
- ❖ Section is Tightened with the help of belt.
- ❖ Put support at trolley end if the section is outside of the trolley
- ❖ See the model & section no. is marked on the ply before loading
- ❖ Dispatch document is being checked in accordance with PO
- ❖ Check pre dispatch points as per Punch list
- ❖ If the documents are satisfactory, the section is released for Dispatch

➤ Inspection Criteria

Pre Dispatch-Parameters:

Truck size according to section.

Section position on Saddle

Section end is supported

Foam/ Rubber sheet Placed.

Lashing belts tightened.

Spider is tightened properly.

Visual- No damage while loading.

Check points as per Punch list.



**TOWER EXPORT TO BRAZIL FROM
KRISHNAPATNAM PORT**



LIKHITA ENERGY SYSTEMS (P) LTD.

YOUR QUALITY OUR COMMITMENT

S.No	Machine Description	Capacity	Qty	Serial No/Id No	MAKE	Remarks
1	CNC Plasma cutting M/C.	Bed Size 4 mtr X 30Mtr	1	LES/CNC-P/001	Messer Cutting Systems Ltd	UNIT-I
		Bed Size 4 mtr X 15Mtr	1	LES/CNC-P/002		UNIT-II
2	Plate Bending Machine	60mm thick X 3000mm width	1	LES/BM/01	Himalaya Machinery Pvt Ltd	UNIT-I
		25mm thick X 3000mm width	1	LES/BM/02		UNIT-I
3	EP Cutting (Bevelling) M/C	30°,45°& 57.5°	2	LES/EP/01	Gullco International	UNIT-I
4	Transition Bevelling M/C	30°,45°& 57.5°	1	LES/TB/01	V-Max	UNIT-I
5	Motorized Trolley Column & Boom Model : CCBM 5040T	Vertical Stroke 5000 mm Horizontal Stroke 4000 mm	2 Set	LES/CB/01	Cu-Built Engineers Pvt Ltd	UNIT-I
				LES/CB/02		UNIT-I
6	Motorized Trolley Column & Boom Model : CCBM 5065T	Vertical Stroke 5000 mm Horizontal Stroke 6500 mm	3 Set	LES/CB/03	Cu-Built Engineers Pvt Ltd	UNIT-I
				LES/CB/04		UNIT-I
				LES/CB/05		UNIT-I
7	Motorized Hyd. Fit up Station	20 MT	1 Set	LES/20T/HFS/01	Cu-Built Engineers Pvt Ltd	UNIT-I
		60 MT	2 Set	LES/60T/HFS/01		UNIT-I
				LES/60T/HFS/02		UNIT-I
		70MT	1Set	LES/70T/HFS/01		UNIT-I
8	Hydraulic Flange Fitup station	4x15MT = 60MT	1Set	LES/15T/HFS/01	Sravana Hydraulics	UNIT-I
9	Flange Face Machining	-	1Set	LES/FFM/01	-	UNIT-I

10	Self Centering Type Welding Rotator	50 MT	16 Set	LES/50T/WR/01 to 16	Cu-Built Engineers Pvt Ltd	UNIT-I
		15 MT	3 Set	LES/15T/WR/01 to 03		UNIT-I
		80MT	1Set	LES/80T/WR/01		UNIT-I
11	Dummy Flange rotator set (Painting Rotator)	80MT	1Set	LES/80T/PR/01	Cu-Built Engineers Pvt Ltd	UNIT-I
12	10Tonn EOT Crane(10Tx25Mtrs)	10T	1 No	CU/DG-EOT/2017-12/245	Cu-Built Engineers Pvt Ltd	UNIT-II
13	15MT EOT Crane (15Tx20.4Mtrs)	15T	1 No	CU/DG-EOT/2017-04/208	Cu-Built Engineers Pvt Ltd	UNIT-II
		15T	1 No	LES/15T/EOT/01	Orient Engineers Pvt Ltd	UNIT-I
14	20MT X 21M DG EOT Crane	20 MT	1 No	2829	Electromech Material Handling Systems(India)Pvt	UNIT-I
			1 No	2830		UNIT-I
			1 No	CU/DGEOT/2017-09/225		UNIT-II
15	25MT EOT Crane (25Tx25Mtrs)	25T	1 No	CU/DG-EOT/2017-12/246	Cu-Built Engineers Pvt Ltd	UNIT-I
			1 No	CU/DG-EOT/2017-12/247		UNIT-I
16	40MT X 21M DG EOT ABUS Crane	40 MT	1 No	2827	Electromech Material Handling Systems(India)Pvt	UNIT-I
			1 No	2828		UNIT-I
17	50MTX22M DG Gantry Crane	50 MT	1 No	LES/GC/001	Orient Engineers	UNIT-I
			1 No	LES/GC/002		UNIT-I
18	60MTx30Mtrs Gantry Crane	60T	1 No	LES/GC/003	Orient Engineers	UNIT-II
19	SubMerged Arc Welding Outfit (Diode Technology) Model Maestro - 1200-01(F)	1200 AMPS	4	LES/SAW/WM/001 TO 004	Ador Welding Ltd & APS LTD	UNIT-I
						UNIT-I
						UNIT-I



LIKHITA ENERGY SYSTEMS (P) LTD.

YOUR QUALITY OUR COMMITMENT

S.No	Machine Description	Capacity	Qty	Serial No/Id No	MAKE	Remarks
20	SubMerged Arc Welding Outfit IGBTModel Maestro - 1000I	1000 AMPS	2	LES/SAW/WM/005 TO 009	Ador Welding Ltd & APS LTD	UNIT-I
21	SAW Welding machine	1200Amps	3		APS Ltd	UNIT-I
22	Arc Welding Machine(SMAW)	600Amps & 400Amps	21	LES/SMAW/WM/001 to 021	APS Ltd	UNIT-I,II
23	MIG Welding Machine	600Amps & 400Amps	40	LES/MIG/WM/001 to 040	ESAB, Weld Mech & APS	UNIT-I,II
24	TIG Welding Machine	400A	5	LES/TIG/WM/001 to 005	APS Ltd	UNIT-II
25	Single Phase Welding M/C	300AMPS	12	LES/SP/WM/001 to 012	Ultra Arc	UNIT-I,II
26	AG7 Angle Grinding M/C	2400W	24	B-1 to B-24	Bosch & Dewalt	UNIT-I,II
27	AG5 Angle Grinding M/C	-	25	A-1 to A-25	Bosch & Dewalt	UNIT-I,II
28	AG4 Angle Grinding M/C	-	16	C-1 to C-16	Bosch & Dewalt	UNIT-I,II
29	Pencil Grinding M/C	-	5	P-1 to P-5	KEN	UNIT-I,II
30	Magnetic Drilling M/C	36mm	8	M-1 to M-8	K.P.T	UNIT-I,II
31	Pug Cutting M/C	-	7	LES/PC/01 to 07	Sec Machines Konark	UNIT-I
32	Radial Drilling M/C	38mm	2	LES/RD/01 & 02	Sigma & Shayog	UNIT-II
33	Broach cutter Machines	36mm & 50mm	18	LES/BCM/01 to 18	Super Broach	UNIT-I,II
34	Baking Oven	0-400 degree	3	LES/BO/01 to 03	Guru Electrocnics	UNIT-I,II
35	Flask Oven	0-100 degree	11	LES/FO/01 to 11	Arcon	UNIT-I,II

36	CNC Press Brake	4.2Mtr-250T	1	LES/PB/01	Weldor	UNIT-II
		4Mtr x 10mm-400T	1	LES/PB/02	Hindustan Hydraulics	UNIT-II
37	Pipe Bending Machine	-	1	LES/PB/01	-	UNIT-II
38	Numerical Control Shearing Machine	4Mtr x 10mm	1	LES/NSCM/01	Hindustan Hydraulics	UNIT-II
39	Punching Machines	-	10	LES/PM/01 to 10	-	UNIT-II
40	Power Press	100T	1	LES/100T/PP/01	-	UNIT-II
		50T	1	LES/50T/PP/01	-	UNIT-II
		20T	2	LES/20T/PP/01	-	UNIT-II
41	Hydraulic Press	250Tonn	1	LES/250T/HP/01	-	UNIT-II
42	Straightner	600mm wide /Maximum 20mm 3/4 roll configuration	1	LES/STRAGHTNER/01	Indigenous	UNIT-II
43	Heat Treatment	5Mtrsx3.2Mtrx2.5Mtrs Electrical Furnace	1	LES/HT/01	Indigenous	UNIT-II
44	Electrical Air Compressor	10Bar	1	PNA821671 / LES/AC/001	Chicago Pneumatic	UNIT-I
		10Bar	1	TNE5100395 / LES/AC/002	Atlas Copco	UNIT-I
45	Diesel set Air Compressor	10Bar	1	LES/DC/01	Elgi	UNIT-II
46	Diesel Generator	250KVA	1	LES/DGSET/01	Cummins Powerica	UNIT-I
47	Diesel Generator	125KVA	1	LES/DGSET/02	Cummins Powerica	UNIT-II
48	Blasting booth	34mtr(length), 8mtr(width), 8mtr(height)	1	LES/BB/01	MecShot Blasting Equipments(P)Ltd	UNIT-I
49	Painting booth	34mtr(length), 8mtr(width), 8mtr(height)	1	LES/PB/01	-	UNIT-I
50	Painting Machines	-	2	LES/PM/01 & 02	Graco	UNIT-I,II
51	Mobile Cranes	14MT	2	LES/14T/HYDRA/01 & 02	Ace & Escorts	UNIT-I,II



MATERIAL HANDLING FACILITY

GANTRY

1. **60MT X 30Mtrs GANTRY – 01 No**
2. **50MT X 22Mtrs GANTRY – 02 No's**

BAY-1

1. **20MT X 21Mtrs EOT – 03 No's**
2. **15MT X 21Mtrs EOT – 01 No's**

BAY-2

1. **40MT X 21Mtrs EOT – 02 No**
2. **15MT X 21Mtrs EOT – 01 No**

MOBILE CRANES

1. **14MT Mobile Cranes – 02Nos**



Flange Facing Machine

FIT-UP STATIONS

Motorized Hyd. Fit up Station	- 03Sets
Hydraulic Fit-up station	- 01Set
Self Centering Type Welding Rotator	- 19Sets
Welding rotators	- 1Set
Dummy flange rotator set	- 1Set
Motorized Trolley Column & Boom	- 05Sets
SAW Trolley machine	- 04Sets





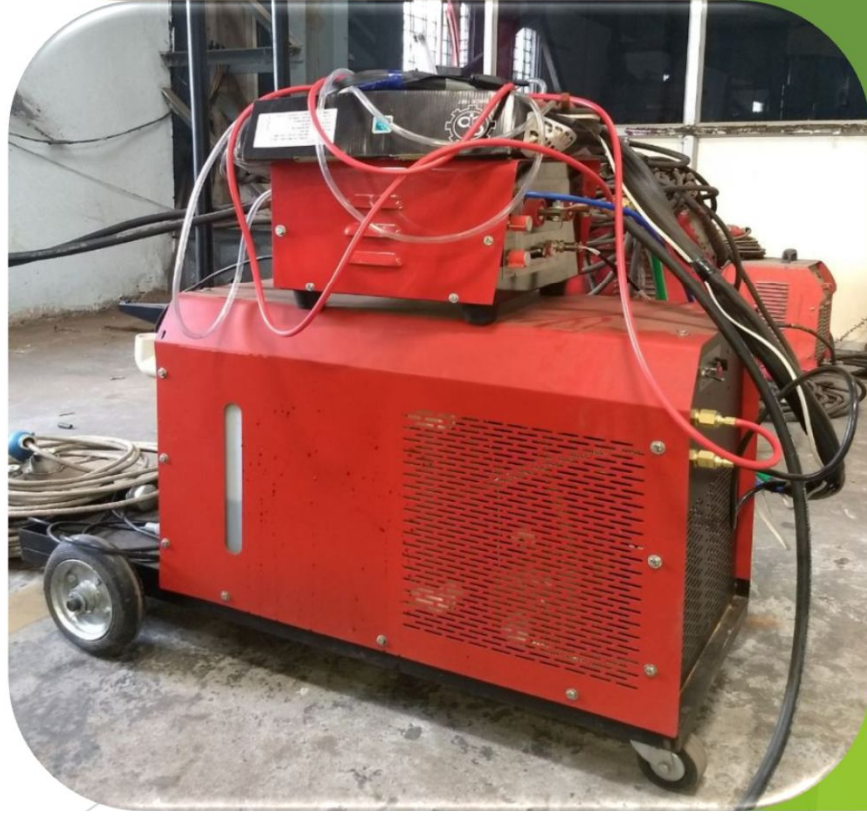
**SAW WELDING MACHINES-
11Nos**



**MIG WELDING MACHINES-
40Nos**



**SMAW WELDING MACHINES-
30Nos**

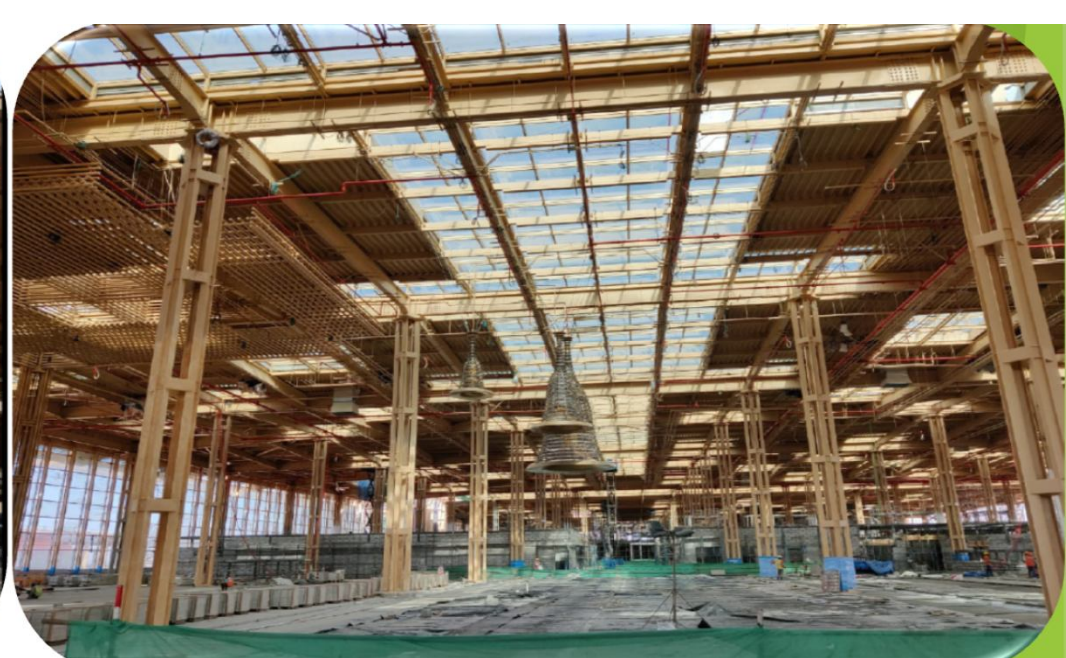


**TIG WELDING MACHINES-
05Nos**

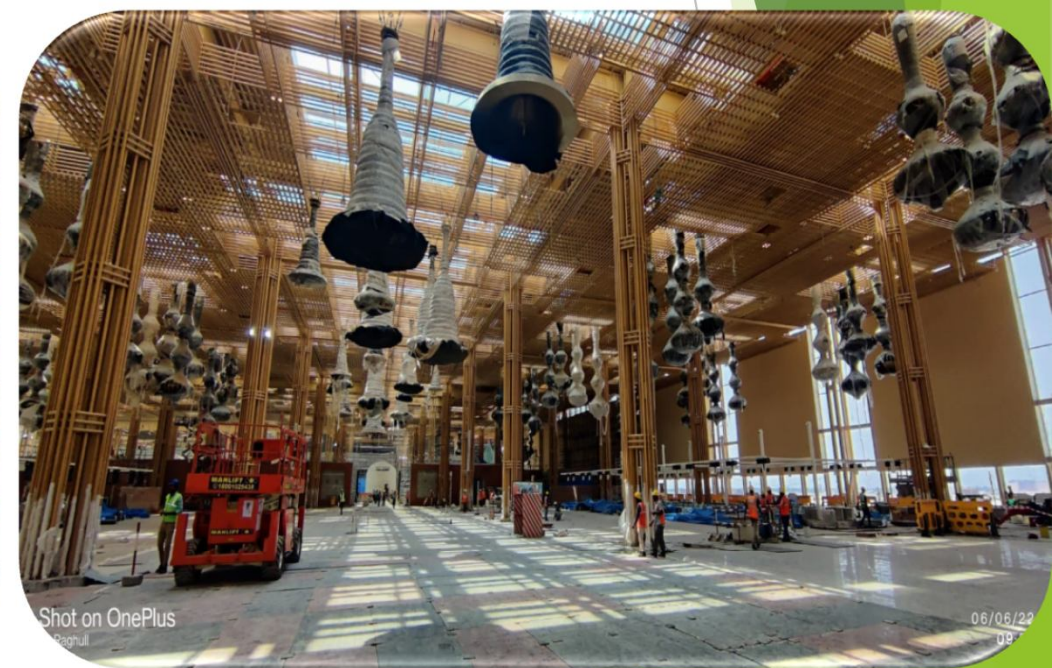
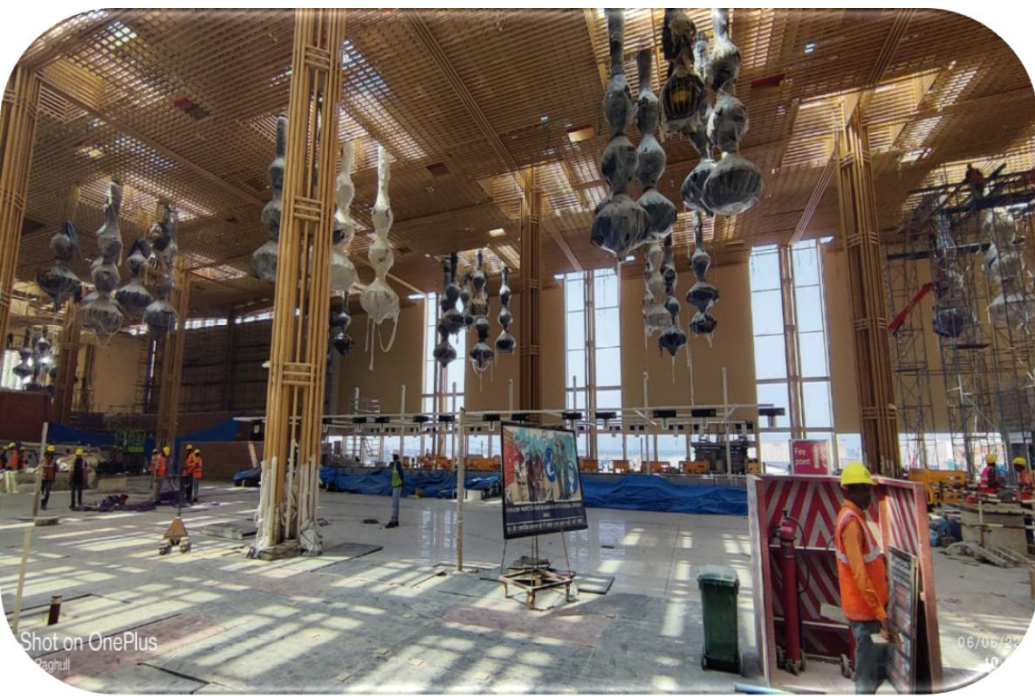


DRILLING M/C's

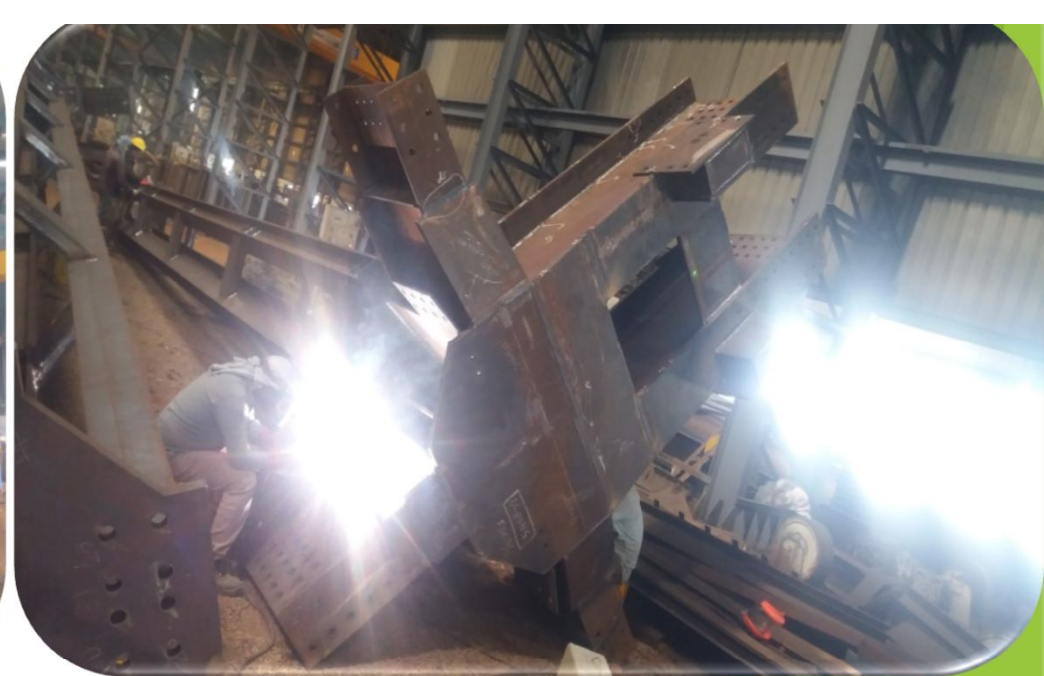
1. Broach Cutters
M/C - Ø75mm-08No's
2. Radial Drilling M/C
- Ø36mm - 02No's
3. Magnetic Drilling
M/C-Ø32mm-08No's



**STRUCTURALS FABRICATION FOR
BANGLORE INTERNATIONAL AIRPORT (BIAL)**



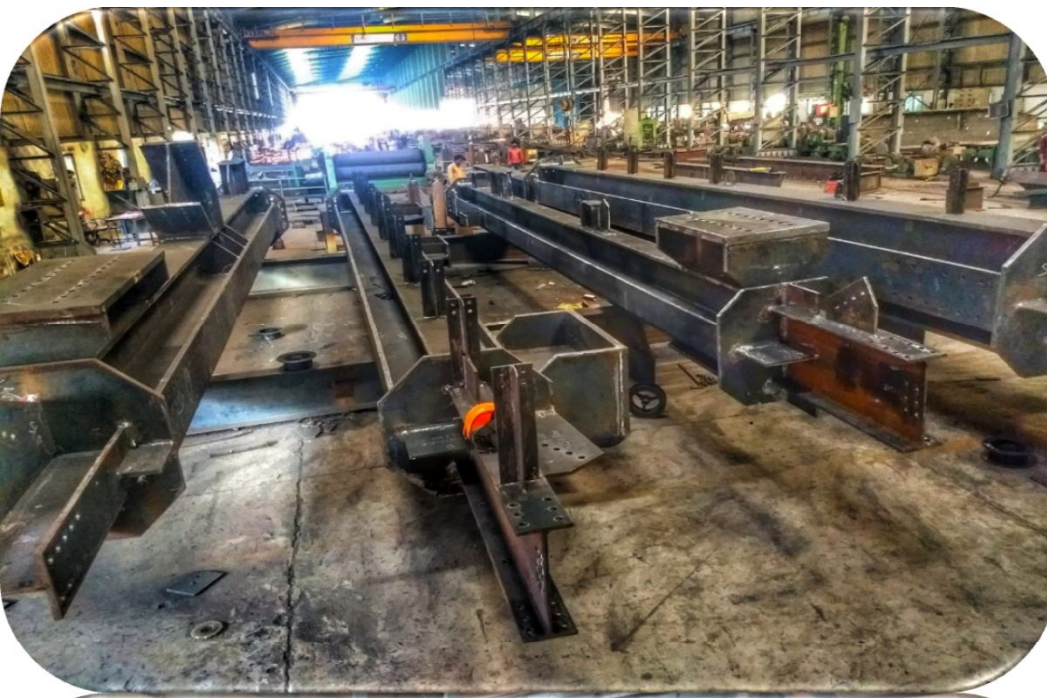
STRUCTURALS FABRICATION FOR BANGLORE INTERNATIONAL AIRPORT (BIAL)



**STRUCTURALS FABRICATION FOR
BANGLORE INTERNATIONAL AIRPORT**



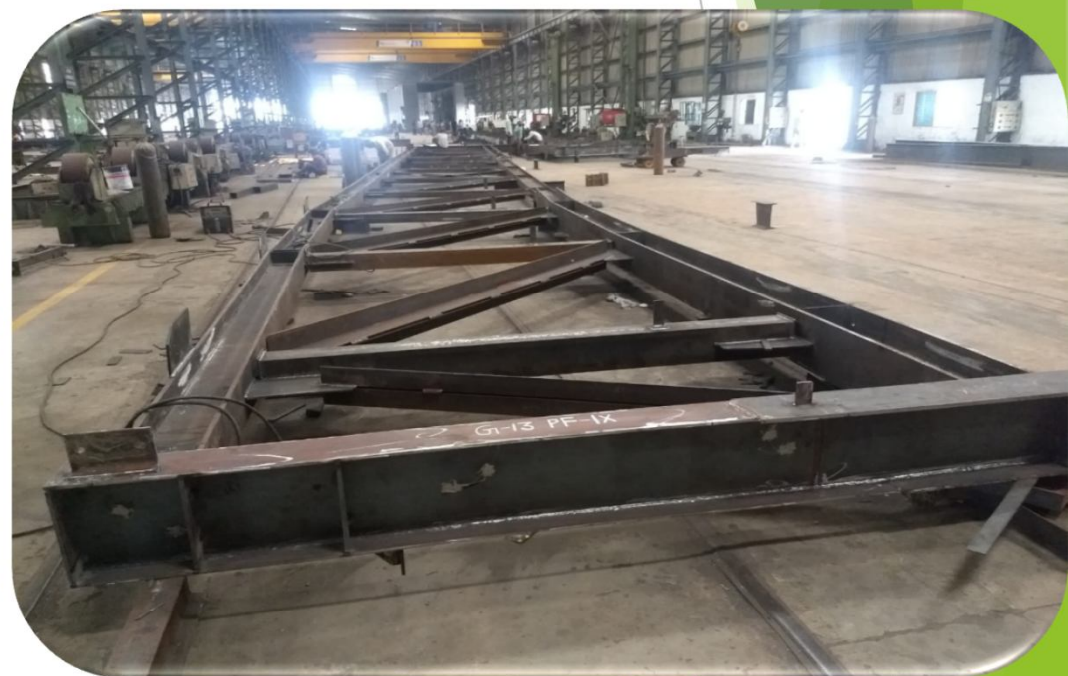
**METRO RAIL HYDERABAD
L&T STRUCTURAL FABRICATION**



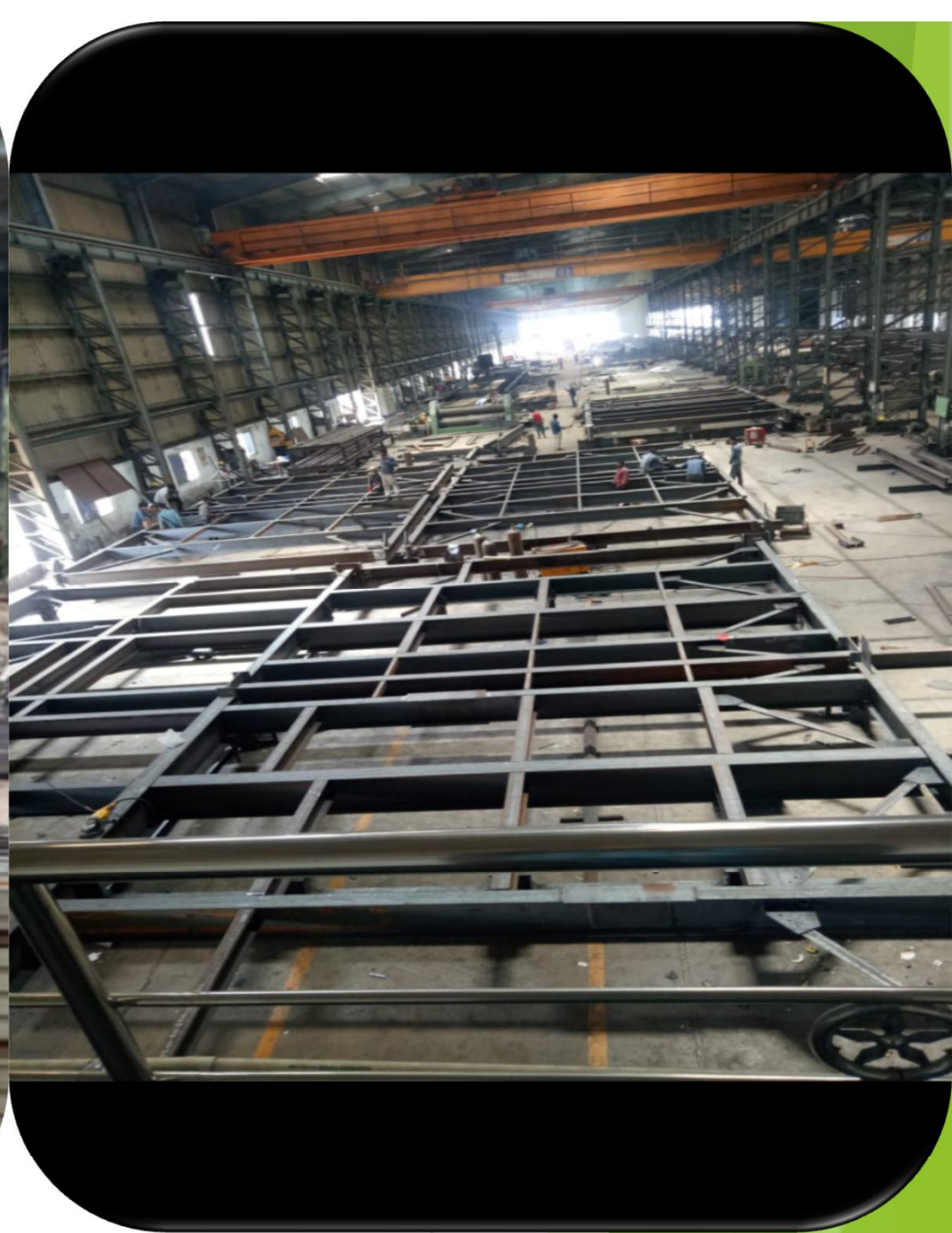
JSW STRUCTURAL STEEL FABRICATION(JSSL)



JSW STRUCTURAL STEEL FABRICATION(JSSL)



STRUCTURAL ASSEMBLY-BGE ENERGY LTD



STRUCTURAL ASSEMBLY-BGR ENERGY LTD



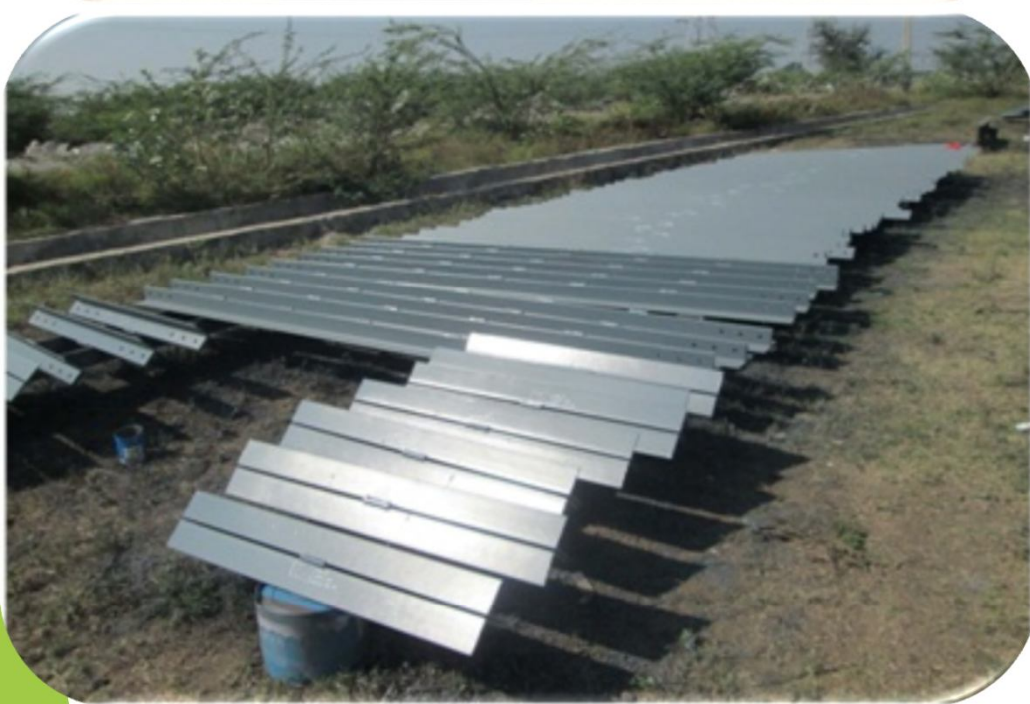
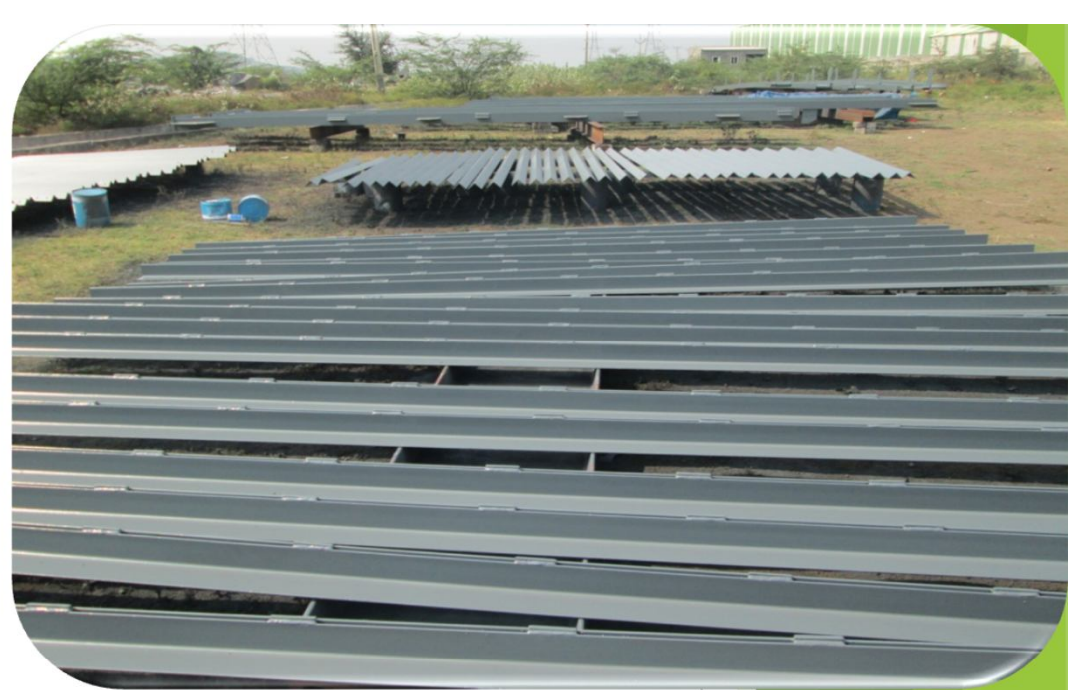
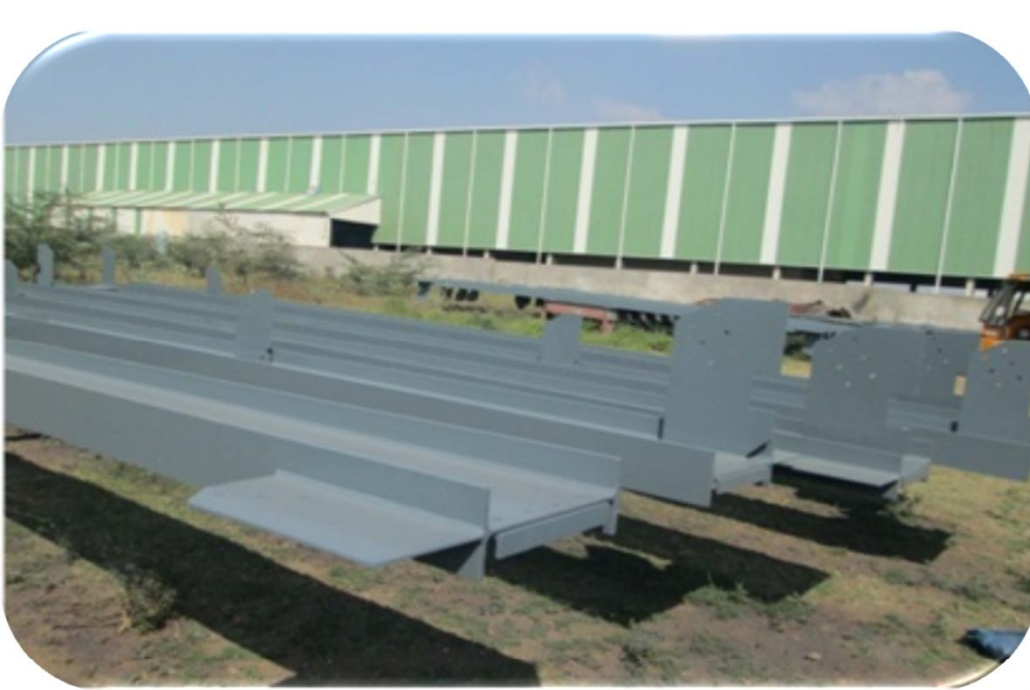
STRUCTURAL ASSEMBLY



PAINTED COLOUMNS



JSSL BLASTING, PRIMER AND FINAL PAINTED SECTIONS



PAINTED COLOUMNS & BRACINGS



SUPPLIED TO ISRO



SUPPLIED TO BGR ENERGY



SUPPLIED TO L&T METRO



EXPORT TO BRAZIL



DIESEL GENERATOR – 01 No
DG Capacity = 250KVA



LIKHITA ENERGY SYSTEMS UNIT-II
RESOURCES
COVERED AREA - 5000Sq.meters
UNCOVERED AREA- 72000Sq.meters



**STORAGE & STACKING OF
FINISHED PRODUCTS AT UNIT-II**



CNC PRESS BRAKE



STRAIGHTNER



PIPE BENDING MACHINE



STRESS RELIEVING FURNACE



CNC PLASMA MACHINE



HYDRAULIC POWER PRESS



SHEARING MACHINE



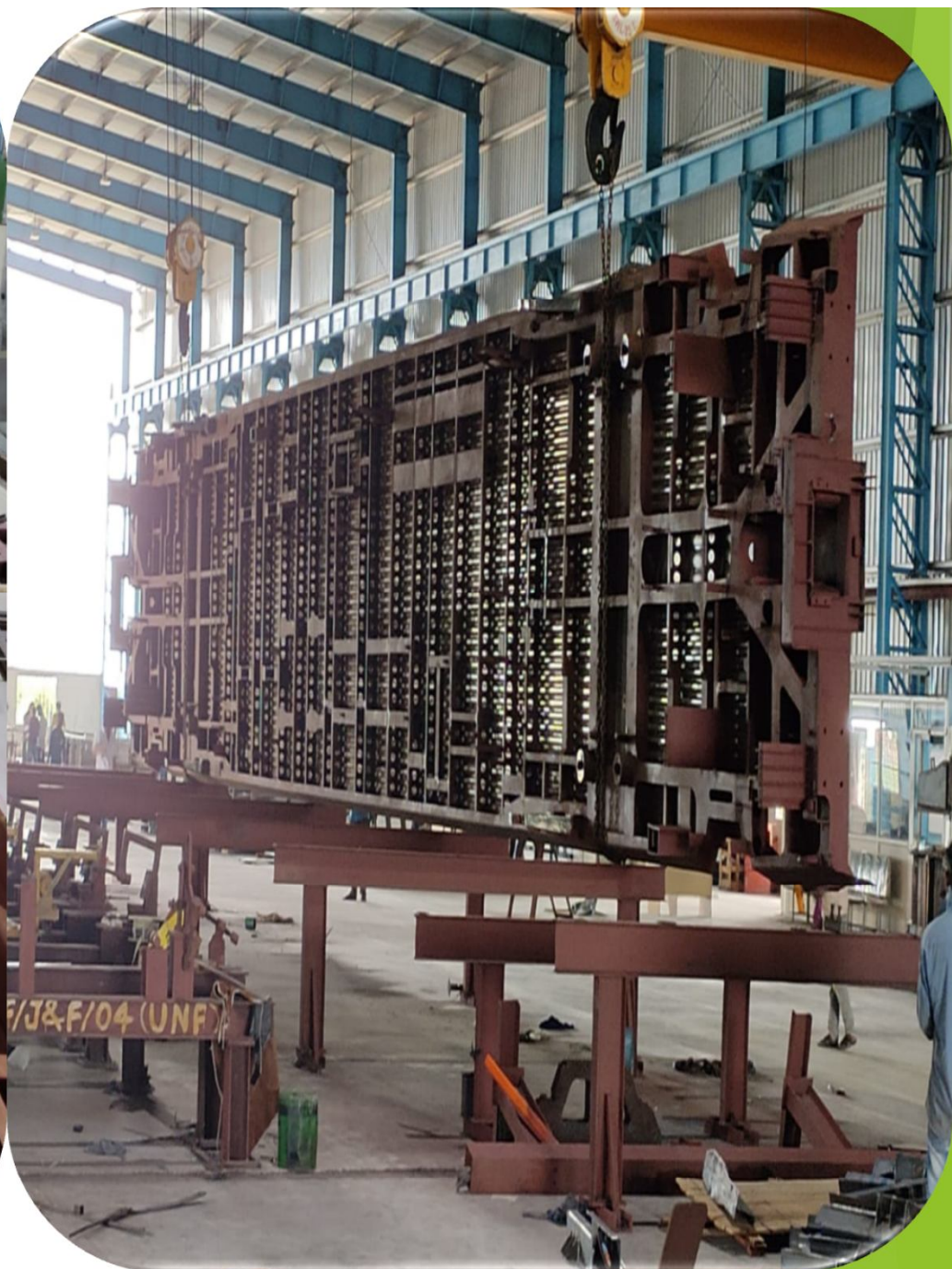
DG EOT'S



**UNDERFRAME COMPLETE
FOR LWSCZ COACHES**



**UNDERFRAME FRONT PART
FOR LWSCZ COACHES**



UNDERFRAME COMPLETE
FOR LWSCZ COACHES



450LTR WATER TANK



BODY SHELL ITEMS

LIKHITA PROCESS INDUSTRIES

An ISO 9001:2015 Certified Company

process@likhitagroup.com

Manufacture and supply of Wind Mill Tubular Tower
Internals, Supporting Structures for Solar structures,
Isolator components, Structural & General fabrication

Likhita Process Industries

COMPANY ADDRESS

Office Address:

**Plot No: A59/1,
IDA Kukatpally, Gandhinagar,
Hyderabad 500037
Telangana, India**

Factory Address:

**Plot No: 90 to 93, Suraram (V),
Qutubullapur (M),
Renga Reddy DT,
Hyderabad-500055.
Telangana, India**

Establishment of Likhita:

Likhita Process Industries

Likhita Process Industries was established in 2006, and it was located in Heart of the Hyderabad city. The major portion was specially designed for Wind Mill Tubular Tower Internals with capacity of 30 Sets / Month (Approx 300 MTs / Month). We have supplied our materials through out India.

We successfully exported our Tubular Tower Internal components to Vietnam, Indonesia and Brazil.

Likhita Process Industries



Shed 2 - 16 mtr x 100 mtr
EOT - 5 Ton capacity 2 nos

Likhita Process Industries



Open storage - 2 Acers

Facilities:

Total Area : 3 Acers

Covered area : 1 Acer

Power Capacity : 250 KVA

Likhita Process Industries

Open area : 2 Acer

(EB)Generator : 180 KVA



Likhita Process Industries



Likhita Process Industries



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Likhita Process Industries

STORE



MOBILE HANDLING



Machinery:

CNC Plasma cutting M/c
Double Torch – Plasma & Oxyfuel
Capacity : 30 mm (Plasma)
Capacity : 200 mm (Oxyfuel)
Size : 3 Mts x 30 Mts
Make : MESSER



Machinery:

CNC Bending M/c

Thk Capacity : 8 mm

Bending Length : 5200 mm

Make : Hindustan Hydraulics



Likhita Process Industries

Machinery:



Shearing Machine- Plasma:

Capacity : up to 6 mm

Cutting Size: 2.5 Mtr

Make : WELDOR

Heavy Duty Hydraulic Press:

Capacity : 750 Tons

Qty : 1 no

Make : Huge Smith



Likhita Process Industries

Machinery:



Power Presses:

Capacity:

30 Tons - 250 Tons



Likhita Process Industries

Machinery:

Flats & Angle Cutting M/c

Qty : 2 nos
Angle cutting size : 75 x 75 x 8 mm (Max)
Flat cutting size : 120 x 16 mm (Max)



Diesel Generator:

Capacity : 180 KVA
Make : POWERICA



Likhita Process Industries



Lift mounting beam

HDG Ladder



Likhita Process Industries

Platform Plates



Platform Plates



BOX COLUMN - JSSL



Likhita Process Industries

HAND RAILS - JSSL



SHEAR CORE WALL - JSSL



Likhita Process Industries

BEAMS - JSSL



COLUMNS - JSSL



Likhita Process Industries

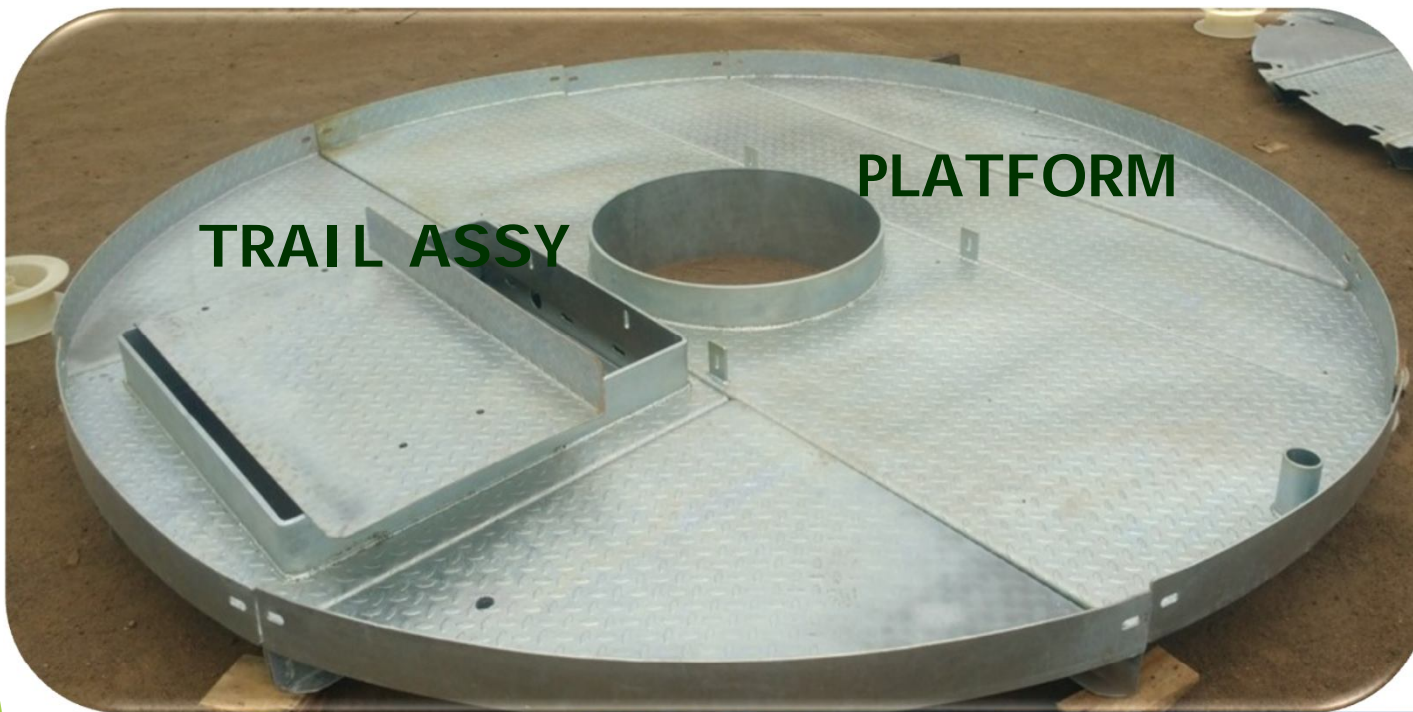
CRUSHER MACHINE FRAME ASSY



SKID ASSY



Likhita Process Industries



Likhita Process Industries



INTERNAL PART ASSY



Likhita Process Industries

SOLAR STRUCTURE TRAIL ASSY



Likhita Process Industries

TOWER INTERNALS PACKING



TOWER INTERNALS SMALL ITEMS PACKING

Likhita Process Industries



Likhita Process Industries

CRUSHER PART COMPONENTS - EXPORT PACKING



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TOWER INTERNALS LOADED



Likhita Process Industries

STRUCTURAL LOADED JSSL



Likhita Process Industries

HAND RAILS - JSSL



Likhita Process Industries

SHEAR CORE WALL - JSSL



Likhita Process Industries

BOX COLUMN - JSSL



Likhita Process Industries

STORAGE TANK

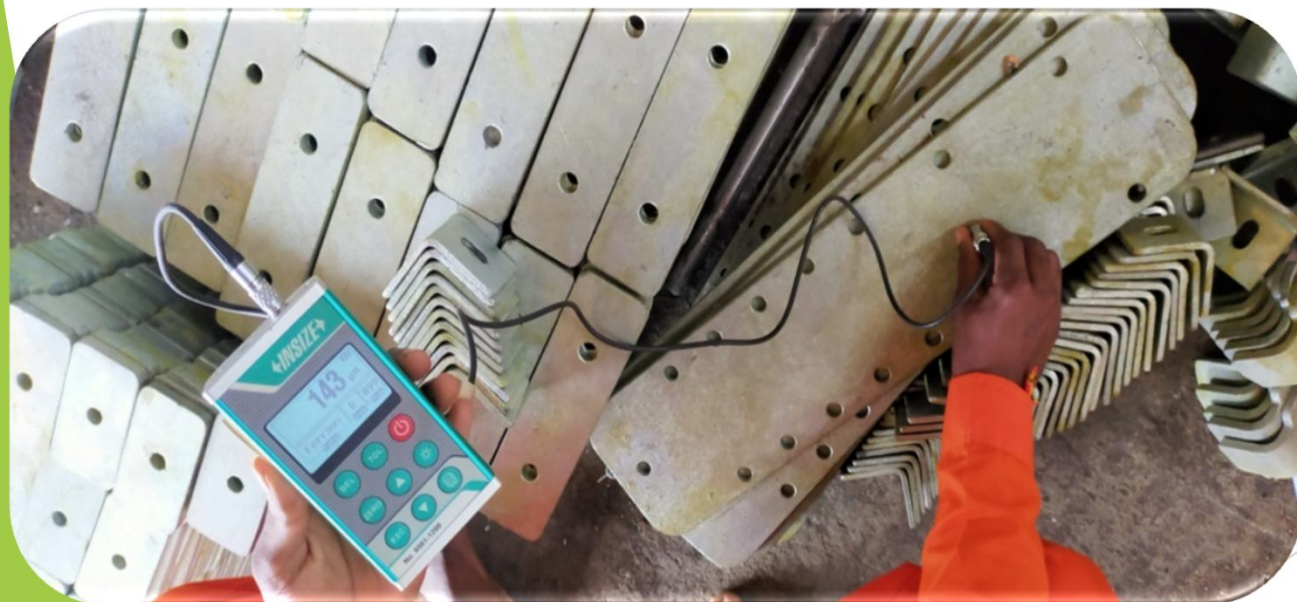


Likhita Process Industries

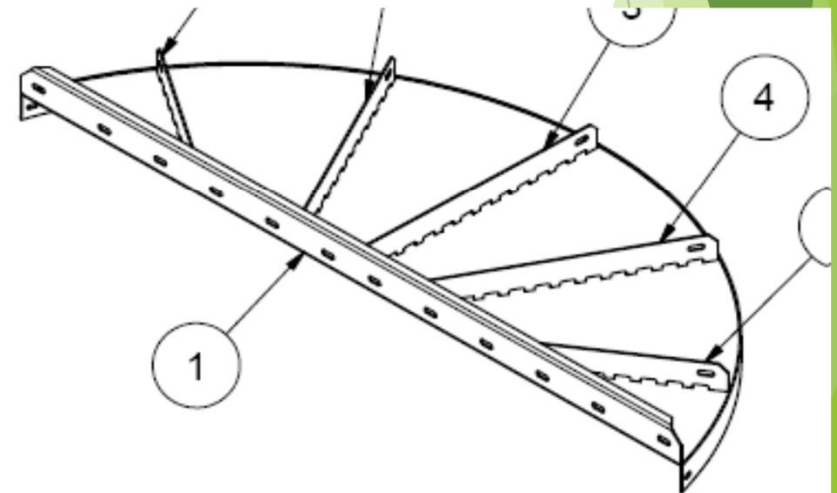
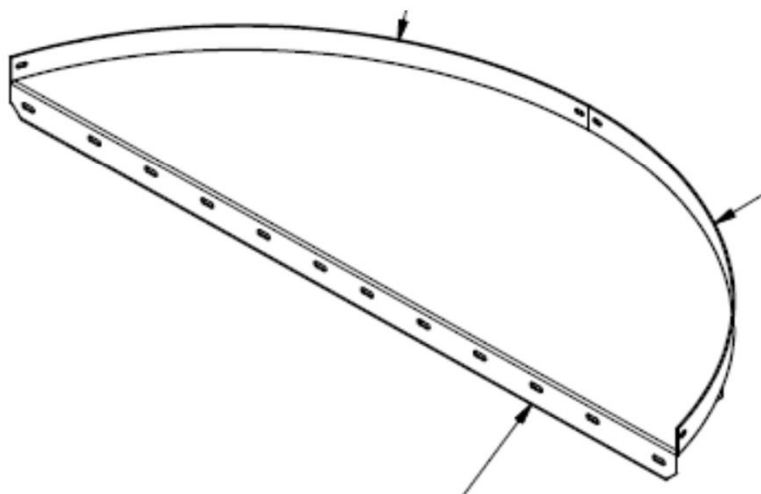
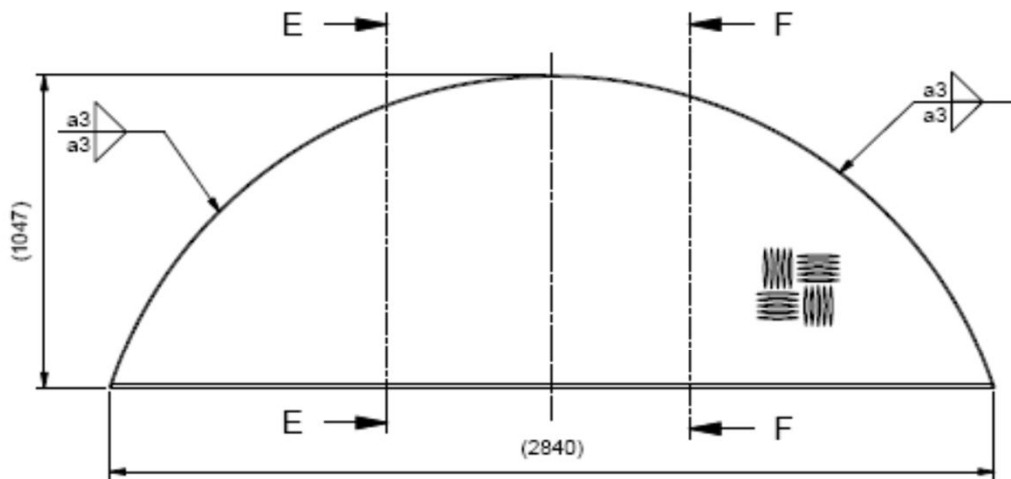
LPI & UT TESTING



TOWER INTERNALS HDG COATING TESTING



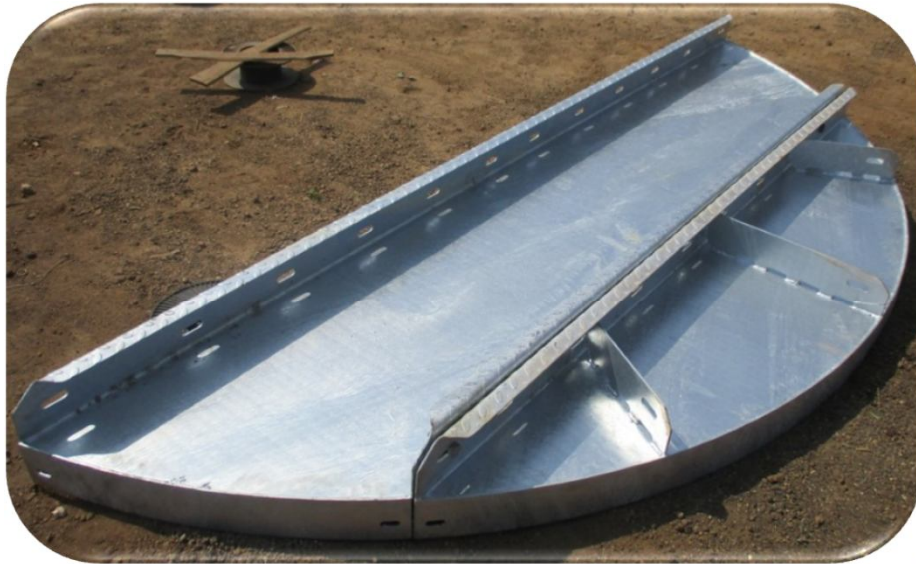
PROPOSAL TO REDUCE DISTORSION



TOP SIDE

BOTTOM SIDE

PROPOSAL TO REDUCE DISTORSION



**INSTEAD OF SINGLE PLATE
SPLITTED INTO TWO PLATES
WITH BOLTING
SAMPLE FABRICATED &
ACCEPTED**



Likhita Process Industries

SEZ BUILDING ENTRANCE - JSSL

ENTRANCE PORTAL ASSY





LIKHITA FABTECH ENGINEERS

**A-15, IDA GANDHINAGAR
KUKATPALLY, HYDERABAD
TELANGANA, INDIA-500037.
likhita_fabtech@yahoo.com**

The firm proposes to manufacture a wide variety of Reactors, Storage Tanks, Heat Exchangers and Process Equipments in all pharmaceutical and chemical industries. customers have evinced interest in the products of the firm and who are likely to place regular orders.







**THANK
YOU**