



(AN ISO 9001 – 2008 Certified Company)



REGISTERED OFFICE AND FACTORY

PLOT NO. :- 32/3/9, HALOL – BARODA HIGHWAY, OPP. :- HOTEL SAGAR,

VILLAGE :- KHANDIWADA, POST :- ASOJ, TAL. :- WAGHODIA,

DIST. :- VADODARA – 391 510, GUJARAT, INDIA.

MOBILE :-9033213910

EMAIL : navyug_ispat_udyog@yahoo.co.in

navyugispatudyog@outlook.com

WEB : www.navyugispatudyog.simplesite.com

ADMINISTRATIVE OFFICE

1, JAITIRATH MANSION ,6-A, BARRACK ROAD, B/H. METRO BIG

CINEMAS ,MUMBAI – 400 003

PHONE : 022 – 22002626 FAX : 022 – 22000777

EMAIL: srparikh9@gmail.com



About us

NAVYUG ISPAT UDYOG



ROTARY CANE MUD VACUUM FILTER



CANE JUICE CLARIFIER

Is A Partnership Firm Formed On 11th September, 2003, By Mr. Surendra Parikh And His Wife Mrs. Urvashi Surendra Parikh. The Registered Office And Factory Of The Firm Is Situated At Plot No. 32/3/9, Halol – Baroda Highway, Opp:- Hotel Sagar, Village Khandiwada, and Post – Asoj, Tal. Waghodia, Dist. Vadodara – 391 510, Gujarat, India. It Is Engaged In The Business Of Design & Manufacture Of Machinery For Sugar Factory, Process House Equipments & Material Handling System, Ethanol Plants, Cement, Pulp And Paper, Chemicals And Minerals Industry & General Heavy Fabrication. The Firm Commenced Its Operation From 1st April, 2007.

The Company Is In The Business Of Providing Turnkey Solutions In The Field Of Manufacturing Of Material Handling System, Sugar – Cement Plant Machinery, Co-Generation, Power Plant And All Types Of Heavy Fabrication. The Company Has Its Head Office at Vadodara [Gujarat State]. The Company Operates With The Strength Of 80 Members Of Staff As Well As Supervisory / Labour Group Specializing In Engineering, Material Management, Market Intelligence Studies And Business Promotion In Particular. The Field Staff for Updating the Requirement of Each Client.

The Company has a cohesive team of highly specialized managerial and technical experts in their respective fields to assist the Organization in its performance and after sales services. The Company also draws on the services of associated experts in the field of Power Transmission Line & Sub-stations to Sugar machinery/process equipment, electrification, civil engineering, and agricultural machinery.

The Man power potential of the Company and the one it proposes to deploy for the proposed project are discussed inside. With these accomplishments, NAVYUG ISPAT UDYOG is poised for further era of growth.



Corporate Policy

Vision

Our vision is to be the most trusted and admired supplier of Design Manufacturing & Supply of Sugar Plant Machinery & Other products providing world class Quality Valued customers at all time

Mission

To develop & Maintain successful long term business relationships & to provide quality, service & price ensuring : total customer satisfaction

Our corporate policy is to run our business so efficiently that naturally it becomes a mutually beneficial business association. Over the years of hard work, experience and expertise has evolved us to think " CUSTOMER FIRST" in all our dealings

We believe customer satisfaction is the biggest reward for our efficient service and every satisfied customer is beneficial to us in a way they bring more respectability and credibility in our business, we also make sure we improve and adopt to the changes in the market place continuously so that we are all informed about the technological , process and material preferences.

We request you to please send us your Vendor Registration form for registration of our firm in your approved vendor list and send as your requirement regularly , for which you assure will receive will receive our best attention at all times.



Quality Policy

As per your corporate philosophy , we will always strive :-

- ❖ To improve the internal procedure control and to strengthen the communication and management
- ❖ Make best of our efforts to deliver high value added products to broaden the service scope.
- ❖ To promote wide variety of value added services and to make sure all the customers requirements are met on time.
- ❖ Promoting technical skill to higher level and continuously putting the concept of "Quality that inspires the customer confidence"

The company has in its staff very senior engineers, technologists and project managers who have extensive project and consultancy experience in Sugar, Cement and other industry. The Managing Partners is the person who is overall responsible for managing all the activities of the company.

FIELD ASSEMBLY

Field Assembly meets quality requirement as per technical requirements of the contract. The site Quality Control engineer supervises the field assembly / construction work for quality requirements. All the welding is carried out in accordance with approved Welding Procedure Standards by qualified welders. The site Quality Control Engineer inspects the welding done at site.

MANAGERIAL / TECHNICAL PERSONNEL

SR. NO.	NAME OF THE PERSON	DESIGNATION	YEAR OF EXPERIENCE WITH THE COMPANY / PROJECTS
1	MR. N. K. KASHYAP	GENERAL MANAGER TECHNICAL	He is having Degree in Mechanical Engineer having around 27 years experience in the line. He has joined the Firm as Production Manager and is the overall Production in charge responsible for complete planning, from raw materials up to finished goods, and also handling of Departmental and Sub contractors labour.
2	MR. R. G. SORTE	PROJECT MANAGER	He is having Degree in Mechanical Engineer and having 38 years experience in sugar industries out of which 32 years as Chief Engineer in Pvt. and Co-Op. Sugar factories.
3	MR. SHRIKRISHNA SHARMA	DEPUTY MANAGER PRODUCTION	Diploma in Mechanical Engineering has worked as Sr. Engineer Production and having 12 Years experience in Sugar Industries also Heavy fabrication line.
4	MR. DEEPAK BHARDWAJ	DEPUTY MANAGER QUALITY CONTROL	He is having Degree in Mechanical Engineer and having 10 years experience in sugar industries also he has worked in Manufacturing unit of Material Handling System
5	MR. SUNIL KUMAR UPADHYAY	PRODUCTION ENGINEER	Diploma in Mechanical Engineering has worked as Engineer Production and having 5 Years experience in General Heavy fabrication line.
6	MR. VIVEK NARAYANAN	SR. ENGINEER PROJECT	He is having Degree in Mechanical Engineer and having 5 years experience in General Heavy fabrication line.
7	MR. MAHENDRA RATHOD	ENGINEER QUALITY CONTROL	Diploma in Mechanical Engineering has worked as Engineer Quality Control department and having 11 Years experience in General Heavy fabrication line.

Sr. No.	NAME OF THE PERSON	DESIGNATION	YEAR OF EXPERIENCE WITH THE COMPANY / PROJECTS
8	MR. VASANT BAJANTRI	SR.ENGINEER ERRECTION	Diploma in Mechanical Engineering, has worked as site Engineer and site in charge for Sugar Factory complete plant installation & some up gradation of sugar plants in India & Abroad. He has 22 years of Experience.
9	MR. RAVI PATEL	SR,ENGINEER DESIGN	Diploma in Mechanical Engineering having 18 years of experience in Drawing & Design section. He also has an experience of Auto Cad & Drafting.
10	MR. ISHAQ TAILOR	DESIGN ENGINEER	Diploma in Mechanical Engineering having 6 years of experience in Auto cad & inventor
11	MR. HIREN PARMAR	DESIGN ENGINEER	Diploma in Mechanical Engineering having 8 years of experience in Auto cad & inventor
12	MR. UMESH BHANOT	MANAGER MATERIAL	Master of Science from with 10 years experience in sales and project supplies to sugar & Cement factories in.
13	MR. HEMANG PATEL	SR.OFFICER MATERIAL	Having Commerce Degree with 10 Years experience in procurement of Raw Material & Stores Dept.

TRANSPORTATION

Due to its proximity to the Highway and the towns of Halol and Vadodara, the factory is well connected with various modes of transport. Transport facilities are easily and adequately available.

EFFLUENT DISPOSAL AND POLLUTION CONTROL

The factory does not emit any gas or any major effluent and hence the need for effluent disposal / waste management system does not arise nor is any permission required from the Pollution Control Board or authorities.

OTHER TECHNICAL ASSUMPTIONS

- ❖ The installed capacity of the machines would be 200 M.T. per month as per the installation of the available Machineries.
- ❖ Maximum production is estimated to be at above 80 % since the group has adequate experience and well established infrastructure.
- ❖ There will be 3 working shifts of 8 hours each per day and 360 working days in the year.

LIST OF MAJOR DOMESTIC CUSTOMERS ROTARY DRUM VACUUM MUD FILTER

Sr. No.	CUSTOMER NAME	PLACE	EQUIPMENT	SIZE
1	KISAN VEER SATARA S.S.K. LTD.	BHUINJ (MAHARASHTRA)	ROTARY DRUM VACUUM MUD FILTER	10' DIA x 20' LONG
2	SHRI MADHI VIBHAG KHAND UDYOG SAHAKARI MANDLI LTD.	MADHI (GUJARAT)	ROTARY DRUM VACUUM MUD FILTER	8' DIA x 16' LONG
3	SHRIJEE PROCESS ENGG WORKS LTD.	AHMEDNAGAR (MAHARASHTRA)	ROTARY DRUM VACUUM MUD FILTER	8' DIA x 16' LONG
4	SAGAR SUGAR & ALLIED PRODUCTS LTD	CHITTOR (A.P.)	ROTARY DRUM VACUUM MUD FILTER	14' DIA x 36' LONG
5	SHREE SARDAR CO-OP SUGAR INDUSTRIES LTD.	BHARUCH (GUJARAT)	ROTARY DRUM VACUUM MUD FILTER	8' DIA x 16' LONG
6	SHRI PRABHULINGESHWAR SUGARS * CHEMICALS LTD.	SIDDHAPUR (KARNATAKA)	ROTARY DRUM VACUUM MUD FILTER	14' DIA x 36' LONG
7	RAJARAM BAPU PATIL S.S.K. LTD.	RAJARAM NAGAR (MAHARASHTRA)	ROTARY DRUM VACUUM MUD FILTER	14' DIA x 36' LONG
8	PRASAD SUGAR AND ALLIED AGRO PRODUCTS LTD.	VAMBHORI (MAHARASHTRA)	ROTARY DRUM VACUUM MUD FILTER	8' DIA x 16' LONG
9	NATIONAL HEAVY ENGINEERING CO-OPERATIVE LTD.	PUNE (MAHARASHTRA)	ROTARY DRUM VACUUM MUD FILTER	12' DIA x 24' LONG

LIST OF MAJOR DOMESTIC CUSTOMERS JUICE CLARIFIERS

SR. NO.	CUSTOMER NAME	PLACE	EQUIPMENT	SIZE
1	SURENDRA ENGINEERING CORPORATION LTD.	MUMBAI (MAHARASHTRA)	JUICE CLARIFIER	36' DIA x 4 CHAMBER
2	SHRI MADHI VIBHAG KHAND UDYOG SAHAKARI MARDHI LTD.	MADHI (GUJARAT)	JUICE CLARIFIER	30' DIA x 4 CHAMBER
3	SHRIJEE PROCESS ENGG WORKS LTD.	AHMEDNAGAR (MAHARASHTRA)	JUICE CLARIFIER	30' DIA x 4 CHAMBER
4	GMR INDUSTRIES LTD.	HALIYAL (KARNATAKA)	JUICE CLARIFIER	30' DIA x 4 CHAMBER
5	NIRANI SUGAR LTD.	MUDHOL (KARNATAKA)	JUICE CLARIFIER	34' DIA x 5 CHAMBER
6	JAMKHANDI SUGARS LTD.	HIREPADASALAGI (KARNATAKA)	JUICE CLARIFIER	32' DIA x 4 CHAMBER
7	PRASAD SUGAR AND ALLIED AGRO PRODUCTS LTD.	VAMBHORI (MAHARASHTRA)	JUICE CLARIFIER	30' DIA x 4 CHAMBER
8	NATIONAL HEAVY ENGINEERING CO-OPERATIVE LTD.	PUNE (MAHARASHTRA)	JUICE CLARIFIER	36' DIA x 4 CHAMBER
9	THE SHRIGONDA SAAHAKARI SAKHAR KARKHANA LTD.	SHRIGONDA - AHMEDNAGAR [MAHARASHTRA]	JUICE CLARIFIER	36' DIA x 5 CHAMBER

LIST OF MAJOR INTERNATIONAL CUSTOMERS ROTARY DRUM VACUUM MUD FILTER

SR. NO.	CUSTOMER NAME	PLACE	EQUIPMENT	SIZE
1	GUNIED SUGAR FACTORY	SUDAN	ROTARY DRUM VACUUM MUD FILTER	12' DIA x 24' LONG
2	ASSALAYA SUGAR FACTORY	SUDAN	ROTARY DRUM VACUUM MUD FILTER	10' DIA x 20' LONG
3	NEW HALFA SUGAR FACTORY	SUDAN	ROTARY DRUM VACUUM MUD FILTER	8' DIA x 16' LONG
4	SHRIJEE PROCESS ENGG WORKS LTD. (EXPORT)	FIJI	ROTARY DRUM VACUUM MUD FILTER	12' DIA x 24' LONG
5	ENMORE SUGAR CORPORATION INC.	GEORGETOWN	ROTARY DRUM VACUUM MUD FILTER	10' DIA x 20' LONG
6	STE SUCRERIES REFFINERIES - DE CANNES	MOROCCO	ROTARY DRUM VACUUM MUD FILTER	10' DIA x 20' LONG
7	KAGERA SUGAR FACTORY	TANZANIA	ROTARY DRUM VACUUM MUD FILTER	10' DIA x 20' LONG
8	MATIBA SUGAR ESTATE LTD.	TANZANIA	ROTARY DRUM VACUUM MUD FILTER	10' DIA x 20' LONG
9	FINCHAA SUGAR FACTORY	ETHIOPIA	ROTARY DRUM VACUUM MUD FILTER	14' DIA x 36' LONG
10	METHARA SUGAR FACTORY	ETHIOPIA	ROTARY DRUM VACUUM MUD FILTER	10' DIA x 20' LONG
11	KINYARA SUGAR WORKS LTD.	UGANDA	ROTARY DRUM VACUUM MUD FILTER	8' DIA x 16' LONG
12	RAMPAUL SUGARS LTD.	THAILAND	ROTARY DRUM VACUUM MUD FILTER	15' DIA x 30' LONG
13	MITRAPOL SUGARS LTD.	THAILAND	ROTARY DRUM VACUUM MUD FILTER	10' DIA x 20' LONG

**LIST OF MAJOR INTERNATIONAL CUSTOMERS
MATERIAL HANDLING SYSTEM**

SR. NO.	CUSTOMER NAME	PLACE	EQUIPMENT	SIZE
1	SENNAR SUGAR FACTORY	SUDAN	BELT TYPE PORTABLE STACKER WITH ELECTRIC WHINCH	800 MM BELT WIDTH
2	SENNAR SUGAR FACTORY	SUDAN	BELT TYPE PORTABLE STACKER WITH HYDRAULIC WHINCH	650 MM BELT WIDTH
3	NEW HALFA SUGAR FACTORY	SUDAN	SUGAR BAG / BAGASSE HANDLING SYSTEM	650 / 1000 / 1200 MM BELT WIDTH
4	ENMORE SUGAR CORPROATION INC.	GEOGETOWN	SUGAR BAG HANDLING SYSTEM	650 MM BELT WIDTH
5	SUDANESE SUGAR FACTORY	SUDAN	BAGASSE HANDLING SYSTEM FOR 25 M.W. CO-GENERATION	1800 MM BELT WIDTH
6	KAKIRA SUGARS	UGANDA	BAGASSE HANDLING SYSTEM FOR 35 M.W. CO-GENERATION	1200 MM BELT WIDTH
7	GUINED SUGAR FACTORY	SUDAN	BAGASSE HANDLING SYSTEM FOR 25 x 2 M.W. CO-GENERATION	1200 MM BELT WIDTH
8	FINCHAA SUGAR FACTORY	ETHIOPIA	BAGASSE HANDLING SYSTEM FOR 35 M.W. CO-GENERATION	1200 MM BELT WIDTH
9	ETHIOPIAN SUGAR INDUSTY	ETHIOPIA	BAGASSE HANDLING SYSTEM	1200 MM BELT WIDTH
10	CEAT TYRE LTD.	HALOL (GUJARAT)	MATERIAL HANDLING SYSTEM SUCH AS CAGE PALLET , CHEMICAL TROLLEY , PRESSURE ROLL TROLLRY ETC.	VARIOUS TYPE

**LIST OF MAJOR INTERNATIONAL CUSTOMERS
JUICE CLARIFIERS**

SR. NO.	CUSTOMOR NAME	PLACE	EQUIPMENT	SIZE
1	GUINED SUGAR FACTORY	SUDAN	JUICE CLARIFIER	36' DIA x 4 CHAMBER
2	SENNAR SUGAR FACTORY	SUDAN	JUICE CLARIFIER	40' DIA x 4 CHAMBER
3	ASSALAYA SUGAR FACTORY	SUDAN	JUICE CLARIFIER	40' DIA x 4 CHAMBER
4	NEW HALFA SUGAR FACTORY	SUDAN	JUICE CLARIFIER	36' DIA x 4 CHAMBER
5	GULA PADANG TERAP BERHAD	MALAYSIA	JUICE CLARIFIER	36' DIA x 4 CHAMBER
6	SUCRERIES REFFINERIES - DE CANNES (SURAC)	MOROCCO	JUICE CLARIFIER	36' DIA x 5 CHAMBER
7	FINCHAA SUGAR FACTORY	ETHIOPIA	JUICE CLARIFIER (TYPE - SRI) AUSTRALIA)	34' DIA x SINGAL ENTRY

LIST OF MAJOR INTERNATIONAL CUSTOMERS BOILING HOUSE EQUIPMENT

SR. NO.	CUSTOMER NAME	PLACE	EQUIPMENT	SIZE
1	GUINED SUGAR FACTORY	SUDAN	JUICE HEATER	CAPACITY 550 SQ.MTR, 350 SQ. MTR.
2	GUINED SUGAR FACTORY	SUDAN	SEMI KESTNER	CAPACITY 4000 SQ. MTR. HSA
3	SENNAR SUGAR FACTORY	SUDAN	ROBOT TYPE EVAPORATOR BODIES II B, III B, IV B	CAPACITY FOR 4600 TCD
4	ASSALAYA SUGAR FACTORY	SUDAN	ROBOT TYPE EVAPORATOR BODIES II B, III B, IV B	CAPACITY FOR 2600 SQ. MTR. HSA, 1500 SQ. MTR. HSA, 700 SQ. MTR. HSA
5	FINCHAA SUGAR FACTORY	ETHIOPIA	PAN BODY	CAPACITY 100 M.T.
6	FINCHAA SUGAR FACTORY	ETHIOPIA	ROBOT TYPE EVAPORATOR BODIES II B, III B, IV B	CAPACITY FOR 3000 SQ. MTR. HSA, 1900 SQ. MTR. HSA, 1100 SQ. MTR. HSA

LIST OF MAJOR DOMESTIC CUSTOMERS OTHER VARIOUS EQUIPMENTS

SR. NO.	CUSTOMER NAME	PLACE	EQUIPMENT	SIZE
1	POWER LUBES	DUBAI	DIESEL STORAGE TANK	125 KL
2	FINCHAA SUGAR FACTORY	ETHIOPIA	MOLLASSES STORAGE TANK	110 KL
3	ASSALAYA SUGAR FACTORY	SUDAN	STORAGE TANK	80 KL
4	SUCRERIES REFFINERIES - DE CANNES (SURAC)	MOROCCO	STORAGE TANK	75 KL
5	TIDE INDUSTRIES	HALOL (GUJARAT)	S.S. 316 PRESSURE VESSAL	2000 OD x 12650 MM LONG
6	TIDE INDUSTRIES	HALOL (GUJARAT)	CHEMICAL STORAGE TANK [API 650]	CAPACITY 100 KL.
7	SOKTAS INDIA PRIVATE LIMITED	KOLHAPUR (MAHARASHTRA)	CAUSTIC STORAGE TANK (S.S. 316)	CAPACITY 80 KL.
8	SOKTAS INDIA PRIVATE LIMITED	KOLHAPUR (MAHARASHTRA)	DIESEL STORAGE TANK (S.S. 316)	CAPACITY 80 KL.
9	SOKTAS INDIA PRIVATE LIMITED	KOLHAPUR (MAHARASHTRA)	BATCH REACTORS [ASME]	CAPACITY 40 KL
10	IOLITE CUBE INFRAMATERIAL PVT. LTD.	JAROD (GUJARAT)	S.S. 316 LEACHING REACTOR	CAPACITY 50 KL
11	IOLITE CUBE INFRAMATERIAL PVT. LTD.	JAROD (GUJARAT)	S.S. 316 STORAGE TANK	CAPACITY 100 KL

LIST OF MAJOR INTERNATIONAL CUSTOMERS OTHER VARIOUS EQUIPMENTS

SR. NO.	CUSTOMER NAME	PLACE	EQUIPMENT	SIZE
1	FINCHAA SUGAR FACTORY	ETHIOPIA	STORAGE TANK	VARIOUS TYPE
2	FINCHAA SUGAR FACTORY	ETHIOPIA	A HEAVY MOLASSES RECEIVING TANK	VARIOUS TYPE
3	FINCHAA SUGAR FACTORY	ETHIOPIA	A WASH MOLASSES RECEIVING TANK	VARIOUS TYPE
4	FINCHAA SUGAR FACTORY	ETHIOPIA	JUICE STATIC SCREENS	VARIOUS TYPE
5	FINCHAA SUGAR FACTORY	ETHIOPIA	MAGMA MINGLER	VARIOUS TYPE
6	FINCHAA SUGAR FACTORY	ETHIOPIA	PUG MILL	VARIOUS TYPE

CALIBRATION OF MEASURING INSTRUMENTS

All measuring instruments are calibrated using gauges / instruments whose accuracy is traceable to National Standard. Pressure gauges are calibrated with the dead weight tester every three months.

GENERAL

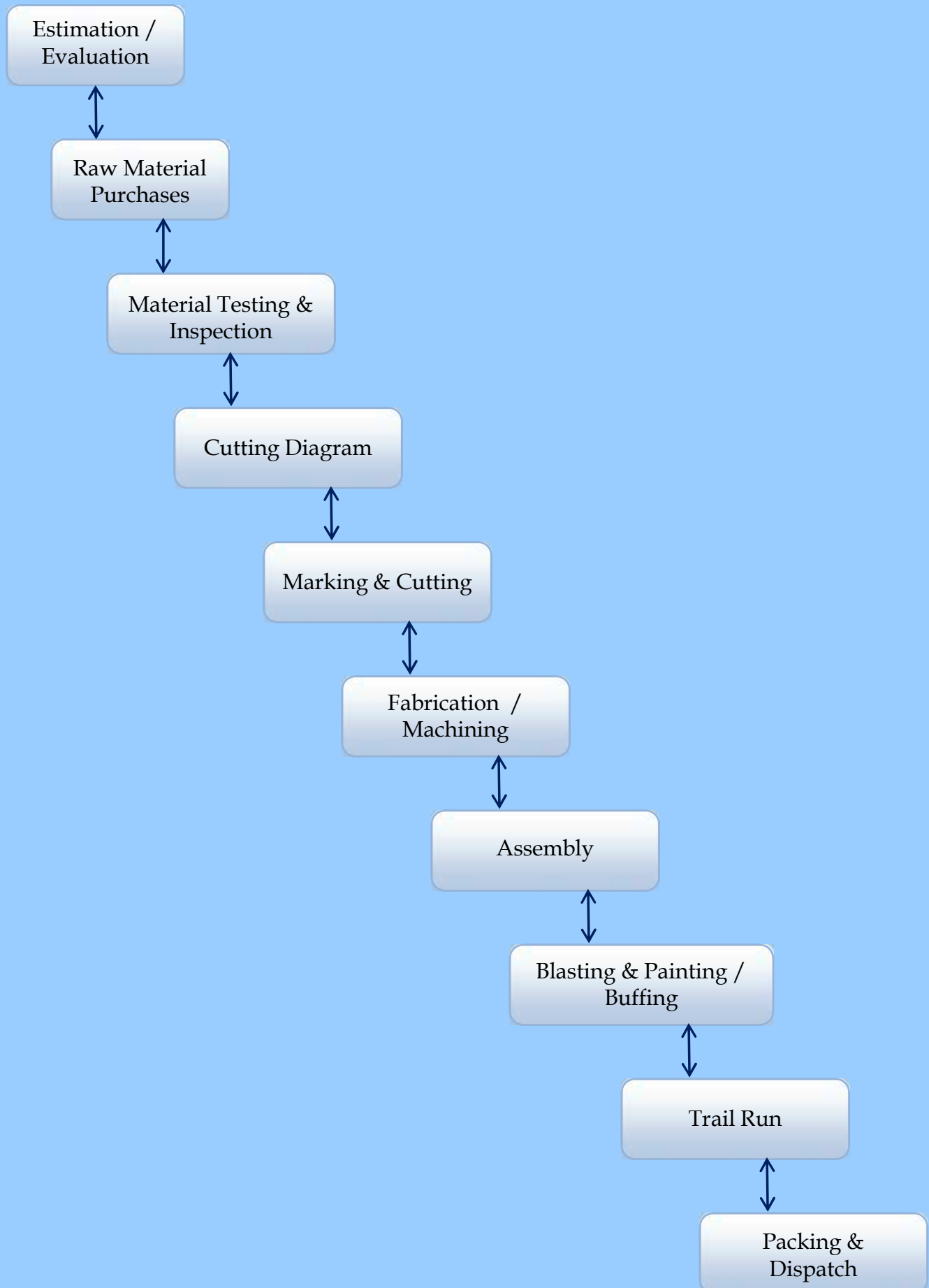
Our units are capable of manufacturing boiling house equipments like Rotary Vacuum Filter, Cane Juice Clarifier, Juice Heaters, Evaporators, Pans, Crystallizer, Chimneys, Staging Structure, Tanks, Vessels, and Pipes etc. The erection equipments, tools and tackles are generally placed are erection sites where presently are going on.

RANGE OF OUR PRODUCTS

SR. NO.	DESCRIPTION	SR. NO.	DESCRIPTION
[A] COMPLETE BOILING HOUSE ON TURNKEY BASIS		[C] MILLING HOUSE	
1	Rotary Vacuum Cane Mud Filter	1	Bagasses Elevators
2	Cane Juice Clarifier [Multi Tray + Single Tray]	2	Bagasses Carriers
3	Juice Heater - High Velocity / Dynamic / Vapour Line	3	Return Bagasses Carriers
4	Juice Sulphiter / Syrup Sulphiter	4	Rake Elevators
5	Semikestner / Evaporator (Central / Multi Down Take)	5	Cane Carriers
6	Batch Type Vacuum Pan Multi-Down Take Type	[D] CO-GENERATION	
7	Continuous Vacuum Pan For A,B and C Massecurtie	1	Complete Bagasses, Coal Handling System
8	Crystallisers - Air Cooled / Water Cooled / Vacuum / Seed	2	Pneumatically / Mechanically Ash Handling System
9	Pug Mills, Magma Mixers, Molasses Conditioners, Sugar Melters		
[B] SUGAR HOUSE EQUIPMENT			
1	Sugar Elevators / Hopper / Conveyor		
2	Sugar Silo System With Auto Weighing And Conveying System		
3	Sugar Bag System From Sugar House To Godown		

MANUFACTURING PROCESS

The manufacturing process /flowchart are as under:



ROTARY CANE MUD VACUUM FILTER
SIZE : 15' DIA x 30' LG.



CAMEL ELEVATOR / SUGAR BAG STACKER



LEACHING REACTOR
CAPACITY : 50 KL.



VERTICAL STORAGE TANK
CAPACITY : 100 KL.



CENTRIFUGAL MACHINE STAGING STRUCTURE



PRESSURE VESSEL



JUICE HEATER



IDLER ASSEMBLY



HAMMER FOR MAGMA MIXER



TELESCOPIC CHUTE



DRIVE FRAME ASSEMBLY



VERTICAL STORAGE TANK
CAPACITY : 100 KL.



HORIZONTAL CRYSTALLIZER



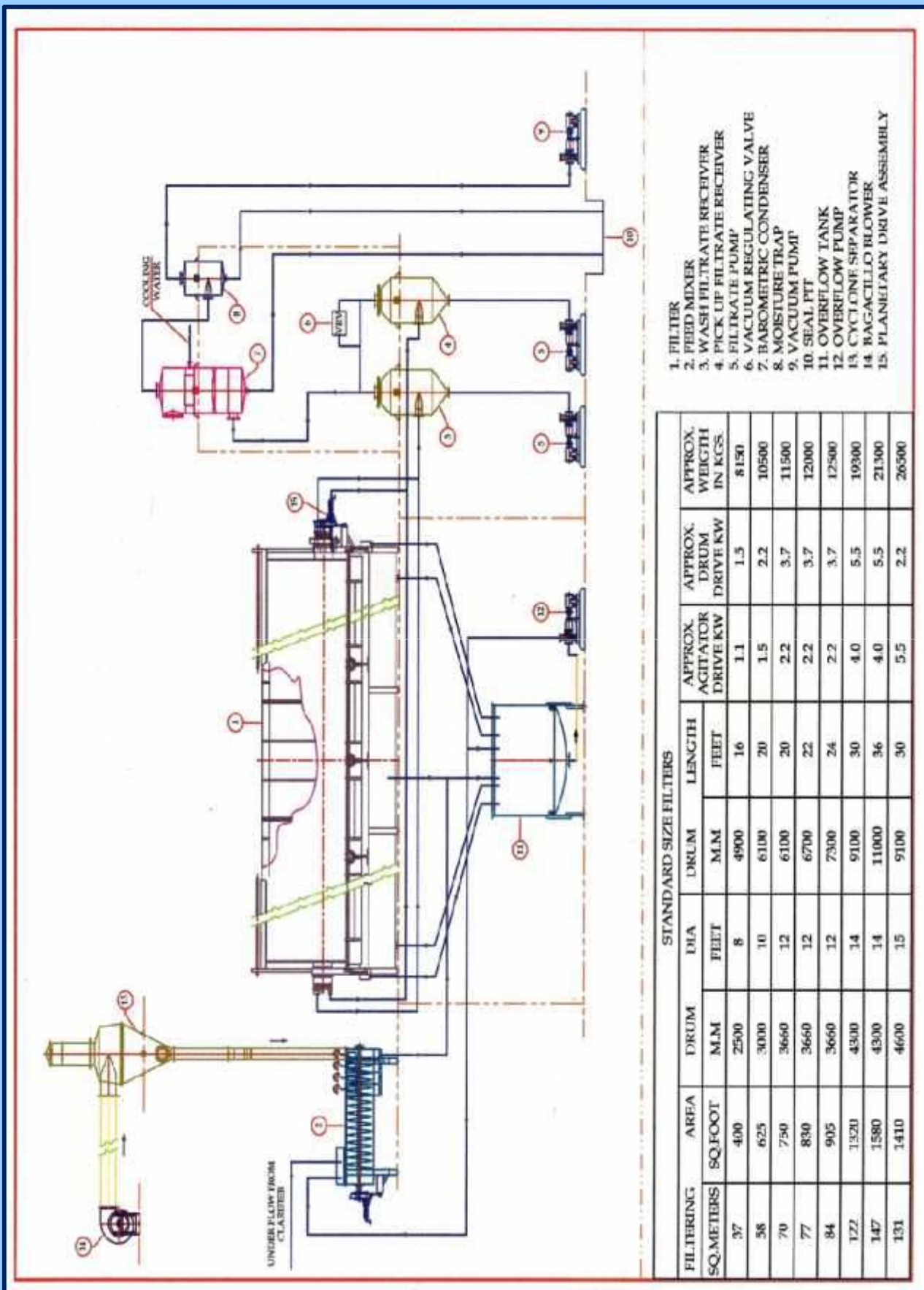
INTERNAL SCRAPER



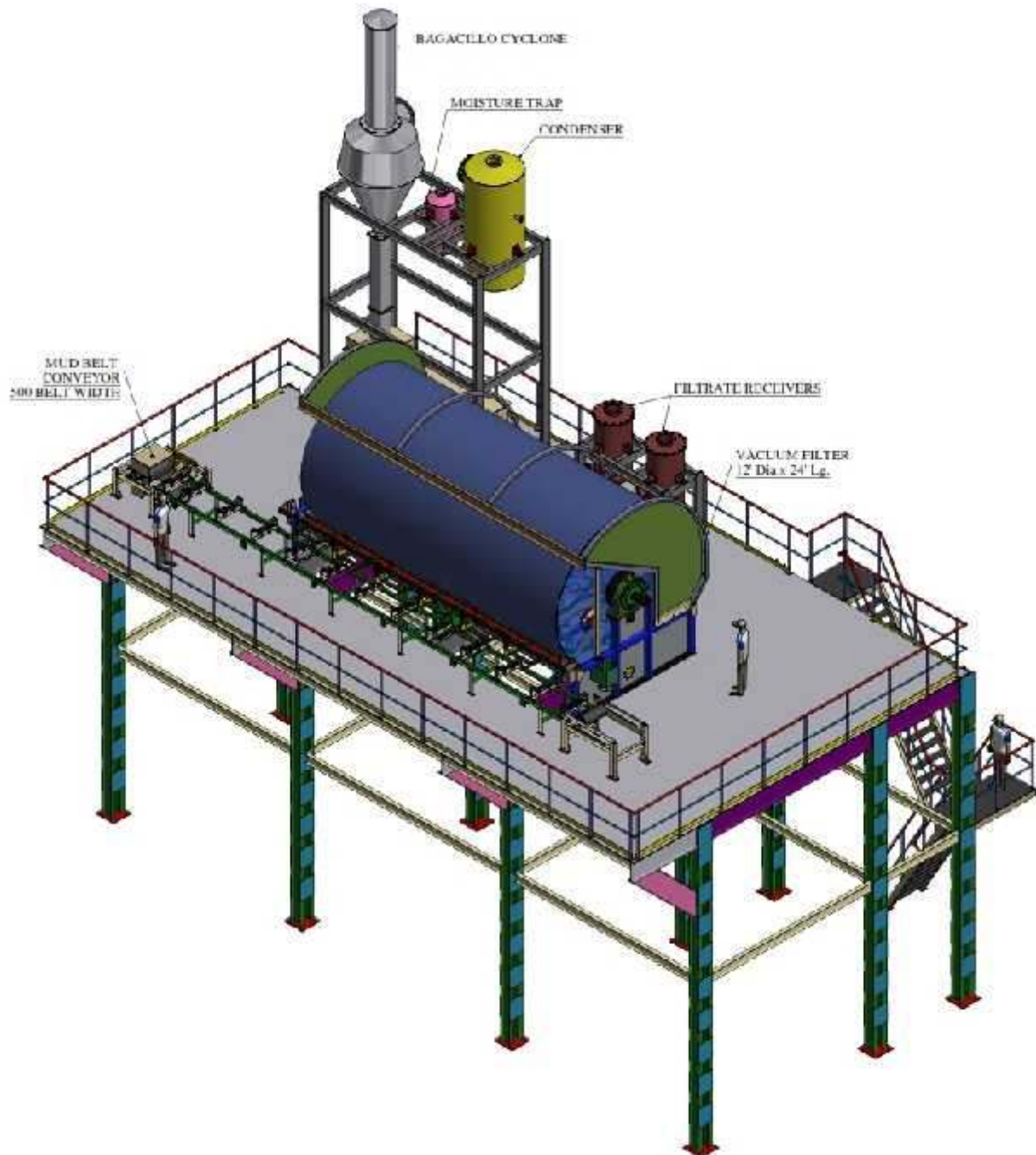
EXTERNAL SCRAPER



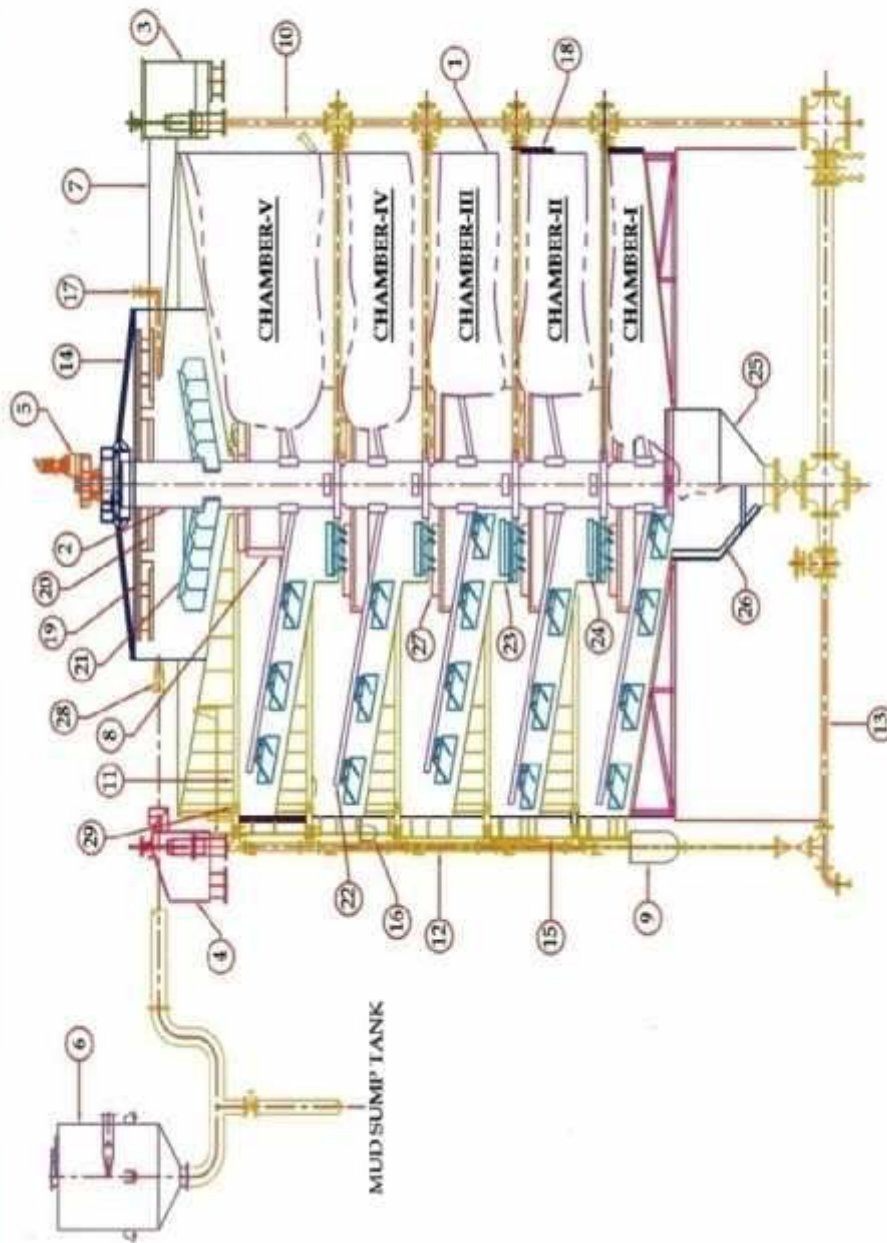
GENERAL LAYOUT OF ROTARY VACUUM CANE MUD FILTERS



STATION FOR ROTARY VACUUM CANE MUD FILTER

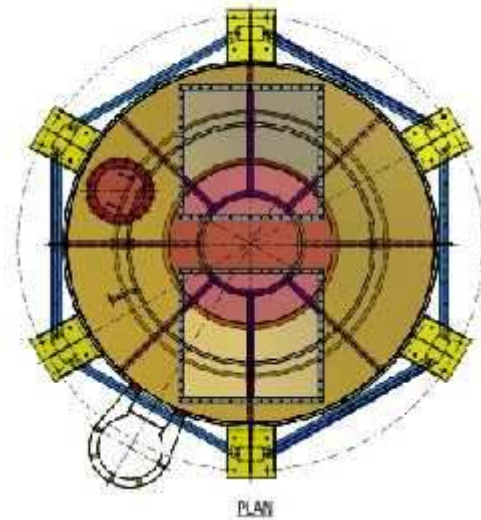


GENERAL LAYOUT OF CANE JUICE CLARIFIER

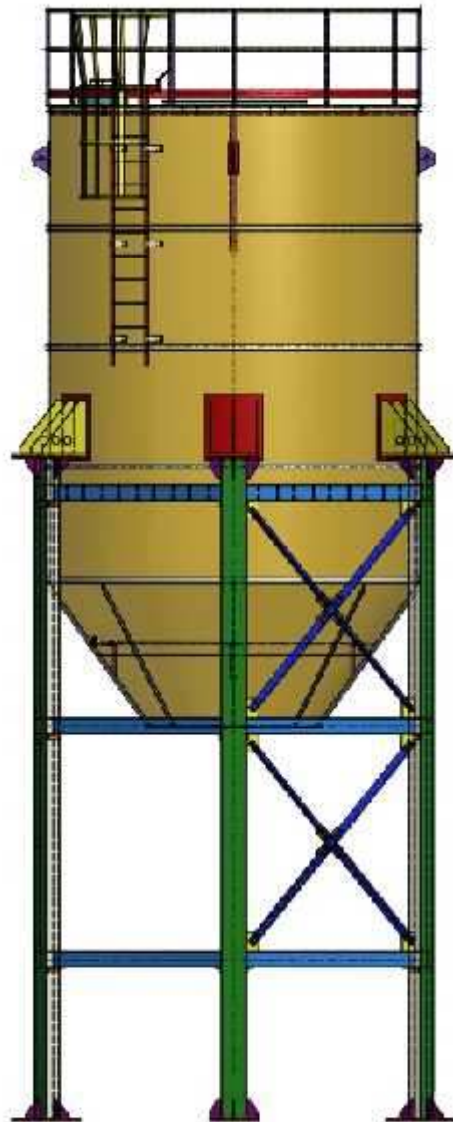


- | | | |
|-----------------------------|-----------------------------------|--------------------------------|
| 1. TANK BODY | 11. CLEAR JUICE PIPING (INTERNAL) | 21. FLOCCULATION CHAMBER ARM |
| 2. CENTER TUBE | 12. CLEAR JUICE PIPING (EXTERNAL) | 22. RAKE ARM WITH HINGED BLADE |
| 3. MUD BOX | 13. MUD LIQUIDATING PIPING | 23. MUD BOOT |
| 4. JUICE OVERFLOW BOX | 14. FLOCCULATION CHAMBER | 24. MUD BOOT SCRAPER |
| 5. PLANETARY DRIVE ASSEMBLY | 15. SAMPLE PIPING | 25. BOTTOM DISCHARGE CONE |
| 6. FLASH TANK | 16. JUNIOR SUMP TANK | 26. DISCHARGE CONE SCRAPER |
| 7. FOAM DISCHARGE CANAL | 17. SPRAY PIPING | 27. BAFFLE SCRAPER |
| 8. BAFFLES | 18. INSULATION | 28. "Y" TYPE FEED ENTRY |
| 9. SUMP TANK | 19. SKIMMER ARM WITH BLADE | 29. COVER DRAIN |
| 10. MUD PIPING | 20. CENTER FOAM BLADE | |

POWDER SILO
CAPACITY : 170 MT.



PLAN



ELEVATION

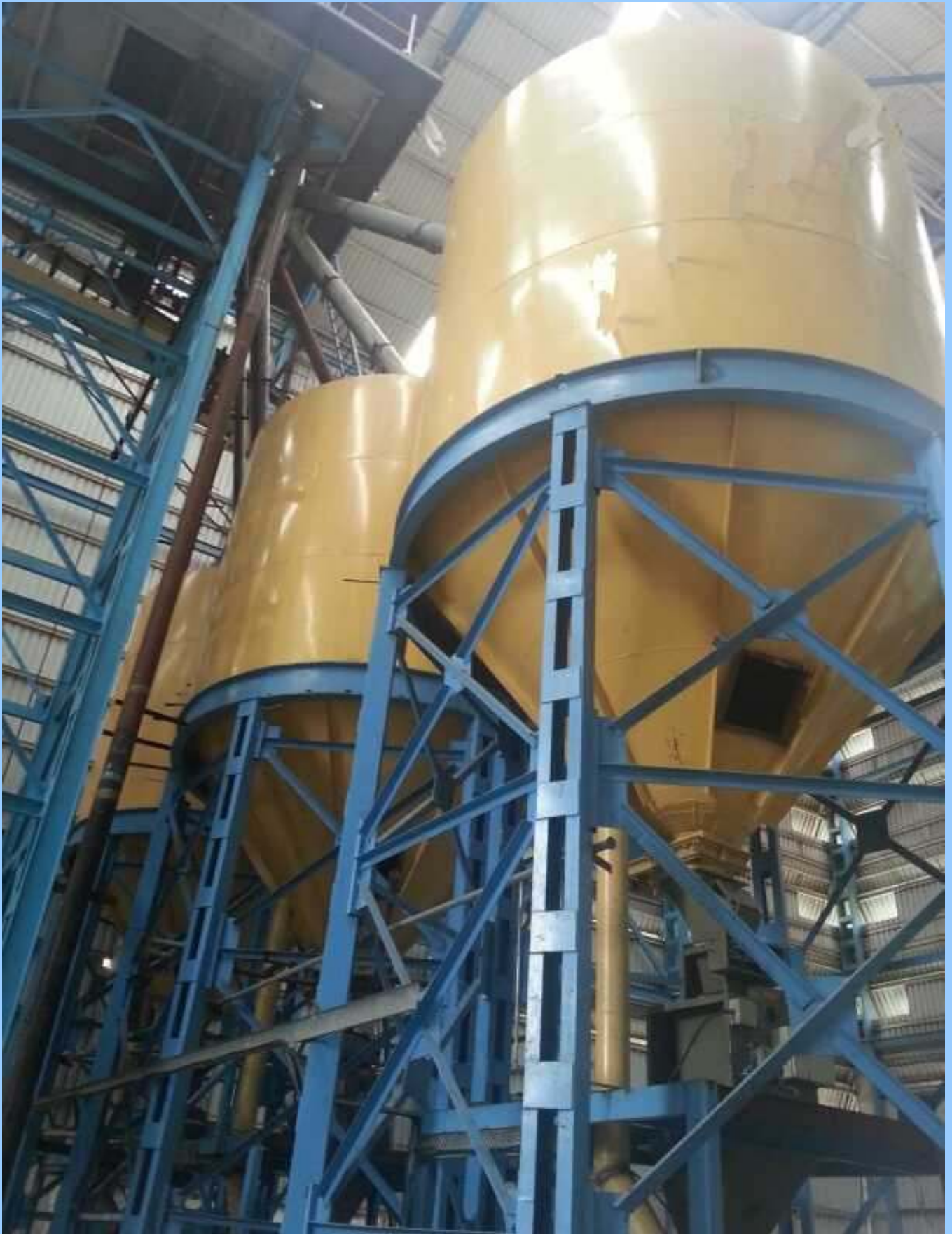


ISOMETRIC VIEW

HORIZONTAL STORAGE TANK
CAPACITY : 100 KL.



SUGAR SILO
CAPACITY : 200 MT



**BAGASSE HANDLING SYSTEM
FOR KAKIRA SUGAR - UGANDA (1200 B/W)**



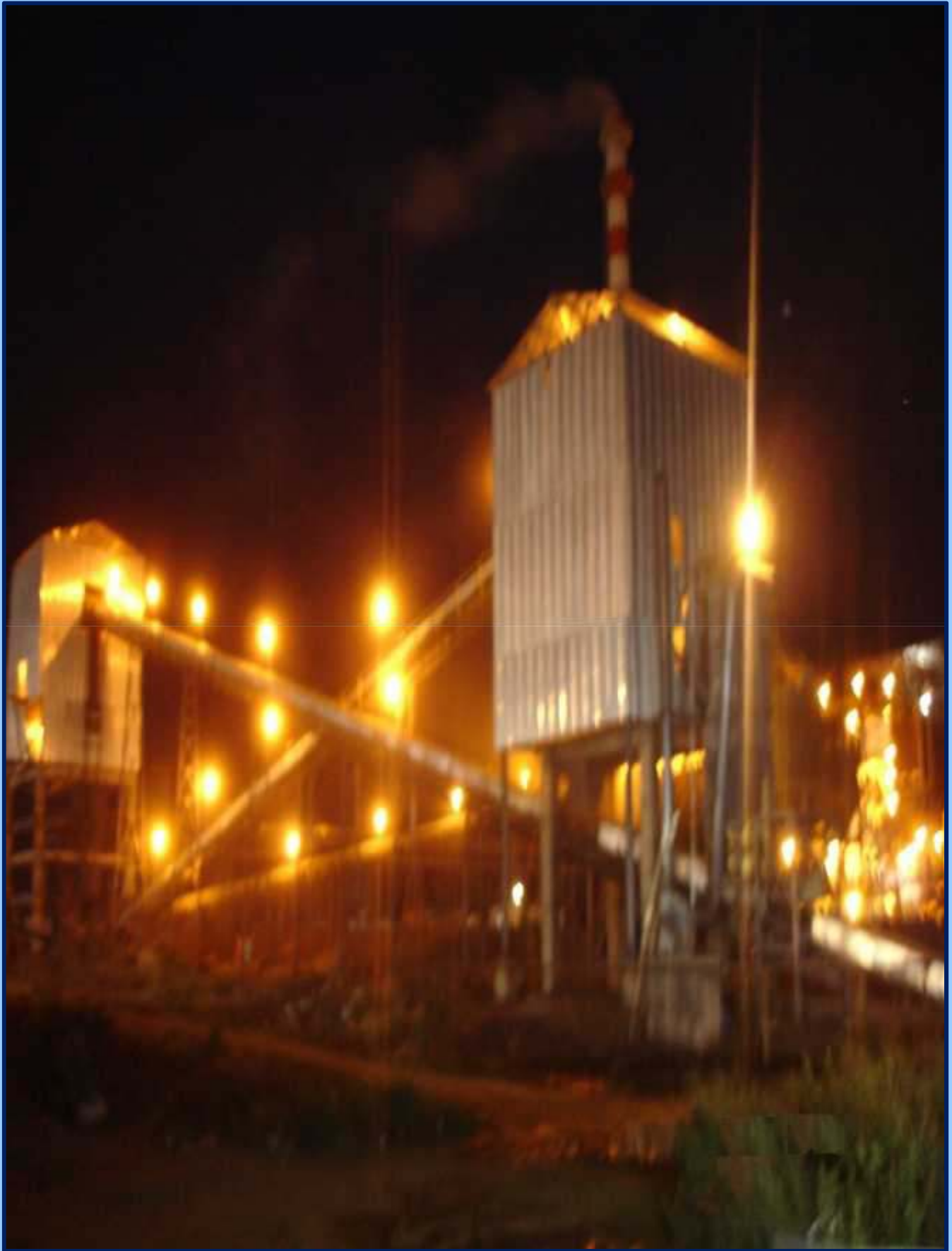
**BAGASSE HANDLING SYSTEM
FOR ETHIOPIAN SUGAR INDUSTRY - ETHIOPIA (1200 B/W)**



BAGASSE HANDLING SYSTEM



**BAGASSE HANDLING SYSTEM
FOR NEW HALFA SUGAR FACTORY - SUDAN (1200 B/W)**



BAGASSE HANDLING SYSTEM



**BAGASSE HANDLING SYSTEM
FOR KAKIRA SUGAR - UGANDA (1200 B/W)**



**BAGASSE HANDLING SYSTEM
FOR FINCHAA SUGAR FACTORY - ETHIOPIA (1200 B/W)**



BAGASSE HANDLING SYSTEM



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Ethiopian Sugar Industry
Support Center Sh. Co.

20034 አ.አ./A.A. 1000

Fax (251-1) 51 34 88

☎ ማዕረጃ/PBX (251-1) 519 700, 511424 /26/35/36/39/50/59

ቀጥታ/Dir. (251-1) 510934, 511440, 513167, 512705

ቁጥር: 01/193/453

No.

ቀን: 20 AUG. 2010

Date

Surendra Engineering Corporation
3, Shri Shaikh Mohamedaly Allabux Road
Mumbai 400 003
India

Att: Mr. Surendra Parikh

**RE: UPGRADING WORKS ON ROTARY
VACUUM FILTERS**

We are glad to confirm that the modification works done by your company on Metahara Sugar Factory Rotary vacuum Filters before two year has given us satisfactory operation result. We are happy to note the following performance results.

From average of 1.5pol% Filter Cake to 2-2.5pol% FC
Performance achieved - mud cake pol% - 0.8 to 1.2%

We take this opportunity to endorse our appreciation to Mr. Sharma for many of his valuable advice in the Juice Station.

Sincerely yours,



Tesfaye Eshete
General Manager

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Finchaa Sugar Factory

ፋ. ኢ.አ.
Box 5734

አዲስ (Addis Ababa)
Fax 251-1-51 29-11

ዋና መ/ቤት - ፋንታራ ሰከር (07) 64 10 01, 64 10 10, 64 10 12

Head Office - Finchaa Tel. Fax 251-7-641015

ቅ/መ/ቤት - አዲስ አበባ ሰከር ማዕረፍ (P.B.X.) (01) 51 97 00

Br. Off. - Addis Ababa Tel. ቀጥታ/ Dir. Line 51 25 57, 51.24 86

No. 12/0840/52

ቀን
Date 08 NOV. 2008

CERTIFICATE

To whom so ever it may concern

This is to certify that the Bagasse Handling Systems & Evaporator Body supplied under Indent No. 15-OP-004/06 is erected and commissioned by Chief Engineer from M/s Surendra Engineering Corporation, (Export Division) mumbai 400020, India.

The supplied said Bagasse Handling Systems was commissioned for full load test on 7th November 2008 and performance is found excellent, so far, to our entire satisfaction

Best Regards

Worku Chekon

Factory Operations Manager



ፕፌራ ስኳር ፋብሪካ



Finchaa Sugar Factory

ፌ.ዲ.ሪ.
5734

ሰነድ (Addis Ababa)
251-1-512911

ዋና መ/ቤት - ፌንቻላ ስልክ (07) 64 10 01, 64 10 10, 64 10 12
Head Office - Finchaa Tel. Fax 251-7-641015

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Br. Off. - Addis Ababa Tel. ቅጥታ/ Dir. Line 51 25 57, 51 24 86

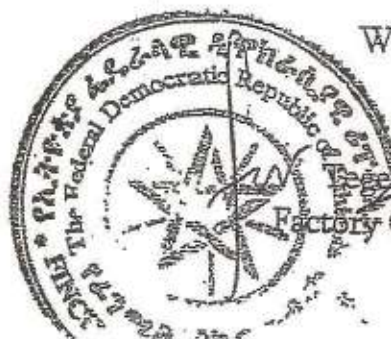
12/0873/135
No.

ቀን 11/11/2011
Date

CERTIFICATE OF COMPLETION

To Whom So Ever It May Concern

This is to certify that Messers Surendra Engineering Corporation has successfully supplied, installed and commissioned Bagasse handling System of 1200 mm B/W for our co-generation plant along with six single entry condensers with vapour load capacities as shown; one for multiple effect evaporator (25 T/hr) and five for pans (23 T/hr) for Finchaa Sugar Factory. All the condensers have been tested both on load and without load and found performing magnificently. As a result of this, Finchaa Sugar Factory became beneficiary of the higher vacuum (635mm Hg) achieved as compared to lower vacuum (max. 560mm Hg) in the previous conventional type rain and shower condensers. Besides, the Factory got an additional advantage of saving in power (350 hp totals) and maintenance cost by eliminating six NASH vacuum pumps. I would like to thank Messers Surendra Engineering for the incredible work done and wish him similar opportunities to show his capacity



With Regards

Egense G/Hawarit
Factory Operations Manager



KINYARA SUGAR WORKS LTD

P.O. BOX 7474, KAMPALA - UGANDA

Date: 19 February, 2011

COMPLETION CERTIFICATE

This is to certify that Surendra Engineering Corporation. (Export Division) Bombay India has successfully fabricated, installed and commissioned the equipment listed below under the Saudi Fund 2101/50 Phase I, II and III Contract.

1. Complete rehabilitation/replacement of Electrical MCC's.
2. Supply and Commissioning of a Rotary vacuum Mud Filter and ancillary equipment.
3. 1 st Effect Evaporator with 1000 m² heating surface.
4. 40 tone "C" Vacuum pan with External Barometric Condenser, Vacuum Pump and Injection Pumps.
5. 30 cubic meters Seed Receiver complete with Vacuum system.
6. 200 cubic meter "C" Massecuite Horizontal Crystallizer complete with Heating Cooling systems and Massecuite Pumps.
7. Supply, erection and commissioning of two NK 1100 "B" Massecuite. Continuous centrifugals.
8. All Exhaust, Vapour, Juice piping and steel work to erect and commission the equipments.
9. Bagasse Baling Machine.
10. 13.5 t/hr Sugar Belt Elevator with S/S buckets.

P.B. Hough
FACTORY MANAGER

A.J. Maple
CONSTRUCTION MANAGER

Registered Office & Factory:

Plot 31, Blocks 9 & 10, Bujinja, MASINDI
Kampala - Kinyara Communication by radio

Kampala Office:

Plot 15/41, 7th Street, P.O. Box 7474, Kampala UGANDA
Telephone: (41) 236382/3 / 235624 / 347384 / 347385 / 34735
Facsimile (41) 236383
E-mail: info@kinyara.com



KINYARA SUGAR WORKS LTD

P.O. BOX 7474, KAMPALA - UGANDA

TO WHOM IT MAY CONCERN

The Surendra Engineering Corporation. (SEC) of India has been involved at all stage of the Kinyara Factory rehabilitation project since 2006 through to the successful completion of the project in 2009. During this period SEC has designed, supplied and installed a wide range of factory electrical and process equipment under Phases 1, 2 and 3 of the project.

P B Hough
Factory Manager
Kinyara Sugar Works Ltd
5 March 2009

Registered Office & Factory:

Plot 31, Blocks 9 & 10, Bujinja, MASINDI
Kampala - Kinyara Communication by radio

Kampala Office:

Plot 15/41, 7th Street, P.O. Box 7474, Kampala, UGANDA
Telephone: (41) 236382/3 / 235624 / 347384 / 347385 / 347386
Facsimile (41) 236383



MADHVANI SUGAR LIMITED

(Incorporated in Uganda)

REGISTERED OFFICE

P. O. Box 54

JINJA (UGANDA)

TEL 20183 2001

TELEX 54131

FACTORY OFFICE

TEL 41211/2

Our Ref:

Date 31st December

Your Ref:

To Whom so ever it May Concern

The is to certify that M/S. Surendra Engineering Corporation. (export division), Bombay India have supplied to us Rotary Vacuum Filter, Sugar Elevator, Bagasse handling system for co-gen plant cast steel trash plates, Roller Shells for Sugar Mill, Cane Cutting knives, Bagasse boiling press molasses pumps and other machinery items for our Sugar factory at Kakira. All the items supplied by M/S. Surendra Engineering Corporation were found to be of good quality and their deliveries were quite prompt.

For Madhvani sugar Ltd

For Director (Operations)



የመተሐራ ስኳር ፋብሪካ
METAHARA SUGAR FACTORY

TC 11/30/141
To : ESISC

ቀን 18/10/2009
Date

Subj:- Vacuum Filter

On behave of Surendra Engineering; MR. Chaudhary Rambhavan had worked at Metahara Sugar Factory from 12/10/09 up to 18/10/09. During his stay, he adjusted all the scrapers of both vacuum filter supplied by you and conducted a training for our workers, how to do it in future.



Kind regards,

Lemma Gurm
Technical Department Head

CC//.

- Factory and Logistic Manager
- Logistic Department
- Merti
- Mr. Chaudhary Rambhavan

MTIBWA SUGAR ESTATES LIMITED

P O Box 16541
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TANZANIA
Tel: 255-22-286 5022
Fax 255-22-286 4659
e-mail: stm@superdoll-tz.com

ESTATE OFFICE:
PO Box 42, Mtibwa
Morogoro, Tanzania
Tel. 255-23-262 0091
Fax 255-23-262 0004
e-mail: mse@mtibwa-sugar.co.tz

August 11, 2010.


To Whom It May Concern:

RE: CERTIFICATE

This is to certify that **M/S Surendra Engineering Corporation. (Export Division) of Mumbai India** have completed the following jobs as per attached list signed off by concerned sugar factory officers in our sugar factory during the 2008-2009 off-crops. The jobs included the following:

1. Realignment of mills with turbine drive and gearbox (new mill tandem).
2. Rehabilitation and maintenance of vacuum filter and juice clarifier with associated modifications.
3. Maintenance of evaporator station and pan floor.
4. Batch-type and continuous centrifugal machines maintenance.
5. Installation and piping modifications for boiler feed water pumps.
6. General maintenance of sugar machinery including pumps, etc.
7. Shifting and relocation of cane feeder table.
8. Rotary vacuum filter

The jobs were done to our satisfaction and the services rendered were satisfactory.



Ashwin Rana
General Manager

SUDANESE SUGAR CO. LTD.



شركة السكر السودانية

REF: SSE/GM/001

DT: 30TH JULY 2010

TO

M/s Surendra Engineering Corporation

(Export Division)

53, Shri Skeikh Mohamadall Allabux Road

Mumbai-400 003

India

Reg: Up gradation and modernization program in Sudanese Sugar Co. Ltd., Sudan

Dear Sirs,

We are glad to confirm that the modifications, up gradation and rehabilitation works completed by your company in our four sugar factories viz. Guneid, New Halfa, Sennar and Assalaya during last 8 years are within the strict time constrains. Your various teams have followed correct specifications and worked with quality.

We are happy to mention you have successfully erected and commissioned the following projects in our four sugar factories:

1. Guneid factory - Standby Evaporator set – 5000 TCD
2. Sennar factory - Standby Evaporator set – 7000 TCD
3. Sennar factory - Complete sulphitation system
4. All four factories - Centrifugal station rehabilitation
5. New Halfa, - Bagasse Handling System
6. Sennar and Assalaya - New Clarifier and Vacuum Filter station

We specifically would like to certify that you have every skilled manpower that has done the erection commissioning including insulation with aluminum cladding, in a very professional way.

We wish you all the success in your future projects and prosperity to your company.

Thanking you,

For Sudanese Sugar Co Ltd

Eng. Mahadi Bashir Moh. Ali
General Manager



TATE & LYLE PROCESS TECHNOLOGY

TEL: (0) 20-8460 9900
FAX: 44 (0) 20-8290 1471
E-mail: tlpt@tateandlyle.com



55 LIDDON ROAD
BROMLEY, KENT
BR1 2SR, ENGLAND

9910/let0/1089/1

Sudanese Sugar Company Ltd.
Khartoum,
Republic of Sudan

For the attention- To whom it may concern

Re – Refinery Project New Halfa

Dear Sir,

Surendra Engineering has worked on the new refinery project at New Halfa carrying out project contracts for TLPT within strict time constraints. Their work included the installation and testing of vacuum filter, juice clarifier, conveyors and elevators on the wet and dry ends of the refinery. Their team have also carried out various miscellaneous works including platforms, stairs, pump installations and chutes to high standards.

Their team have worked under arduous conditions throughout and the head office given further support when necessary without any delay to the project. Surendra's efforts have been most appreciated, giving a valuable contribution to the success of this project.

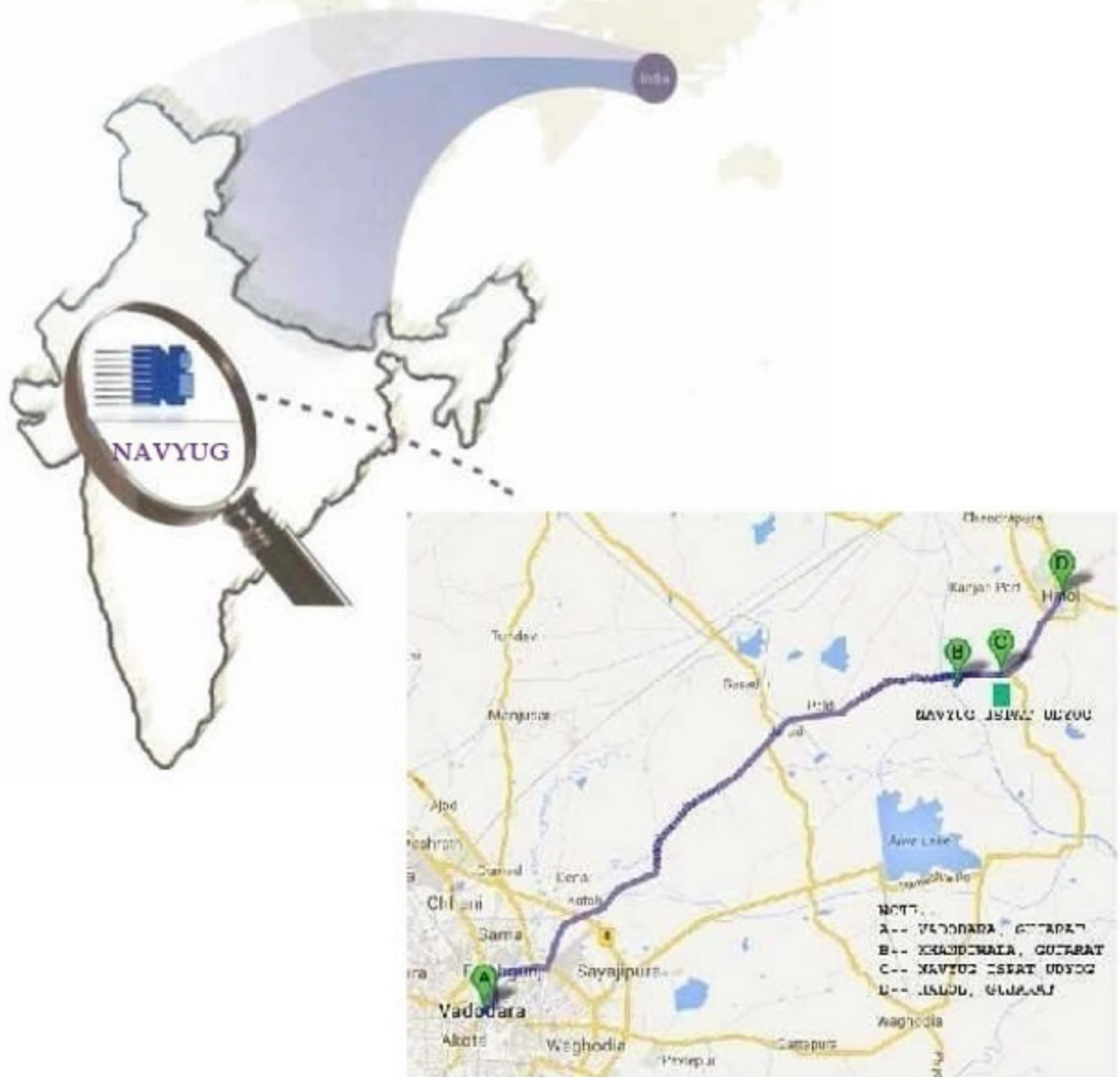
I am also very pleased, the effort Surendra have made to ensure specifications were followed. Their team have worked with much enthusiasm. I would have no hesitation to employ Surendra on future projects.

Best Regards

A handwritten signature in dark ink, appearing to read 'A.J. Stewart'. The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

A.J. Stewart
Construction Manager (TLPT)

How to reach us



NAVYUG ISPAT UDYOG

(AN ISO 9001 - 2008 Certified Company)

REGISTERED OFFICE AND FACTORY

PLOT NO. :- 32/3/9, HALOL - BARODA HIGHWAY, OPP. : HOTEL HARMONY

VILLAGE :- KHANDIWADA, POST :- ASOJ, TAL. :- WAGHODIA,

DIST. :- VADODARA - 391 510, GUJARAT, INDIA.

PHONE : +91 22 2200 2626 Mo:9033213910 Fax: +91 22 2200 0777

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