

CRAFTING SOLUTIONS,
BUILDING RELATIONS....



R e f e r e n c e l i s t



Power to Lead Ethanol Industry....

KBK Chem-Engineering Pvt. Ltd., ASME "U" stamp and ISO 9001:2015 Certified Company from Pune - India KBK has involved more than a decade through a technologically driven Team of brilliant Engineers in pursuit of excellence, offering Distillery and Fuel ethanol Solutions to Our Costumers.

KBK is a Group company of Shree Renuka Sugars Ltd.(SRSL) having a turn over of ₹ 28,160 Million (600 US Million Dollars) and is one of the fastes growing sugar companies in India and One of the largest sugar production company in the world, with five Distilleries with total ethanol capacity of 9,30,000 Liter/Day, 9 Sugar Factories with capacity of 35,000 TCD and having India's largest sugar refinery facility with total capacity of 4,000 TCD and generates 143 MW co-gen power.

KBK has accomplish many EPC projects of Distillery, Fuel ethanol, chemical process plant with its Indigenously Developed K-Super Technology & world-class manufacturing facilities comprising complete project management, Engineering, Manufacturing, execution for various prestigious national & International clients spread across the world.

Quality Assurance through Manufacturing Excellence

Every Growth & development has the backbone of quality, KBK is an ISO 9001:2015 certified company and ASME"U" stamping, National Board of Inspectors Certificate for "NB" Stamping, National Board of Inspectors Certificate for "R" Stamping where we manufacture as per National and International Codes Like ASME, TEMA, DIN, BIS IS etc.

KBK has fully equipped facilities which has the capacity to manufacture 35 Plant per year and has 100 % in house fabrication capabilities. The set-up is manned by experienced engineers and skilled techniques which make it possible to meet the requirement of high quality workmanship and precision at par with the international standards.

KBK commits to give superior quality which makes it obligatory in manufacturing process to undergo various quality checks.



K^{Super} TECHNOLOGY

KBK's pioneering developmental activities have resulted in the evolution of the innovative, indigenous "K-Super" technology, with continuous technology up-graduation through R & D initiatives thereby achieving better results each passing day. Not only does it offer cost advantage but also results in,

- ✍ **Maximization of Efficiency**
- ✍ **Reduction of Effluent at Source**
- ✍ **Reduction of Spent Wash from 1:10 Lit/Lit to 1:1.5 Lit/Lit of Alcohol**
- ✍ **More Profit and Less Spent wash**

KBK's Expertise

Fermentation

Batch/ Fed Batch/ Semi Continuous/
Continuous Fermentation

Distillation

Multi pressure Vacuum Distillation with Energy
Integration.

Dehydration

Molecular Sieve Dehydration Technology
based On "Pressure Swing Adsorption
Process" generates 99.90 % Fuel Ethanol.

Chemical Process Industry

EPC solutions for ethanol based product chemical
Industry like Ethyl Acetate, Acetic Acid and Butyl
Acetate.

Integrated Evaporation

Without additional steam.

Evaporation

Falling Film and Forced Circulation Evaporation to
concentrate sugarcane juice or spent wash to
desired brix level.

Bio-Composting

Anaerobic and Aerobic Bacteria together convert
residual organics present In spent wash In to
valuable Bio-Fertilizer.

Bio Gas

Anaerobic Bacteria converts COD & BOD of spent
wash Into bio-gas, rich in calorific value to be used
as boiler fuel leading to CDM benefits.

DDGS Dryer

Concentrating grain base distillery spent wash up to
90 % solid content suitable for animal feed.

Condensate Polishing Unite

Condensate from evaporation plant and waste water
from distillery plant again recycle back to process.

Fermentation

Distillation

Evaporation

Dehydration

Bio Gas



Shree Renuka Sugars Ltd.

KBK Partial Reference List



Ekarat Pattana Co., Ltd. Thailand

Capacity (LPD) : 200,000
Feed Stock: Molasses & Cane Juice



San Carlos Bio-Energy Inc., Philippines

Capacity (LPD): 125,000 Liters / Day Ethanol
Feed Stock: Cane Juice



Roxol Bio Energy Corporation, Philippines

Capacity (LPD): 100,000 Liters / Day Ethanol
Feed Stock: Cane Juice & Molasses



Metahara Sugar Factory, Ethiopia

Capacity (LPD) : 50,000 Liters / Day ENA & Ethanol
Feed Stock: Molasses



Compagnie Sucriere Senegalaise, Senegal

Capacity (LPD): 60,000 Liters / Day ENA Ethanol Plant
Feed Stock: Molasses



Chemical Industries (Malaya) Sdn Bhd., Malaysia

Capacity (LPD): 30,000 Liters / Day ENA
Feed Stock: Molasses



Myanmar Winery & Distillery Co. Ltd, Myanmar.

Capacity (LPD): 40,000 Liters / Day R.S., ENA
Feed Stock: Grain, Cassava & Molasses



Nagarjuna International (Vietnam) Ltd., Vietnam

Capacity (LPD) : 30,000 Liters / Day R.S. ENA & Ethanol
Feed Stock: Molasses



International Beverage Trading Co., Myanmar

Capacity (LPD) : 12,000 Liters / Day R.S., ENA
Feed Stock: Grain, Cassava, Starch & Molasses



Shree Renuka Sugars Ltd., Havalga, KA, India.

Capacity (LPD) : 200,000 Liters / Day R.S. ENA & Ethanol
Feed Stock: Molasses



Shree Renuka Sugars Ltd., Khopoli, MH, India.

Capacity (LPD): 200,000 Liters / Day Ethanol
Feed Stock: Rectified Spirit Grade-II as Feed



Shree Renuka Sugars Ltd., Athani, Karnataka, India.

Capacity (LPD) : 180,000 Liters / Day R.S. & Ethanol
Feed Stock: Molasses



Shree Renuka Sugars Ltd.



Dhampur Sugar Mills Ltd., Dhampur, U.P., India.

Capacity (LPD) : 180,000 Liters / Day R.S., ENA & Ethanol
Feed Stock: Molasses



Gwalior Distilleries Ltd., Gwalior, M.P., India.

Capacity (LPD) : 130,000 Liters / Day R.S., ENA-
Feed Stock: Molasses



Sentiny Bio-Products Ltd., Vijaywada, A.P., India.

Capacity (LPD) : 125,000 Liters / Day R.S., ENA
Feed Stock: Grain



Dhampur Sugar Mills Ltd., Asmoli, U.P., India.

Capacity (LPD) : 105,000 Liters / Day R.S., ENA & Ethanol
Feed Stock: Molasses



Uttam Sugars Ltd., Bijnor, U.P., India

Capacity (LPD) : 75,000 Liters / Day R.S., ENA
Feed Stock: Molasses



SCM Sugars Ltd., Mandya, Karnataka, India

Capacity (LPD) : 60,000 Liters / Day R.S., ENA & Ethanol,
Feed Stock: Molasses



Baramati Agro Ltd., Baramati, Maharashtra, India

Capacity (LPD) : 60,000 Liters / Day R.S., ENA & Ethanol
Feed Stock: Molasses



Shamanur Sugars Ltd., Bagalkot, Karnataka, India.

Capacity (LPD) : 60,000 Liters / Day R.S., ENA & Ethanol
Feed Stock: Dual Feed- Molasses or Grain.



Kartika Agro Industries Ltd., Bagalkot, KA, India

Capacity (LPD) : 60,000 Liters / Day R.S., ENA & Ethanol
Feed Stock: Dual Feed Molasses or grain



Malbros International Ltd., Firojpur, Punjab, India.

Capacity (LPD) : 54,000 Liters / Day R.S., ENA
Feed Stock: Grain



GMR Industries Ltd., Vizag, A.P., India.

Capacity (LPD) : 50,000 Liters / Day R.S., ENA
Feed Stock: Rectified Spirit



Gayatri Sugars Ltd., A.P., India.

Capacity (LPD) : 45,000 Liters / Day R.S., ENA
Feed Stock: Molasses



Shree Renuka Sugars Ltd.



Bharat Sugar Mills Ltd. (GMR Group), KA, India.

Capacity (LPD) : 45,000 Liters / Day R.S., ENA & Ethanol
Feed Stock: Molasses



Natural Sugar & Allied I. Ltd., Maharashtra, India

Capacity (LPD) : 45,000 Liters / Day R.S. & Ethanol
Feed Stock: Molasses



Ghodganga S.S.K.Ltd., Shirur, Maharashtra, India.

Capacity (LPD) : 30,000 Liters / Day R.S., ENA & Ethanol
Feed Stock: Molasses



Loknete Baburao Patil S.S.K.Ltd., MH, India.

Capacity (LPD) : 30,000 Liters / Day R.S., ENA
Feed Stock: Molasses



Pranav Agrotech Industries Ltd., MH, India.

Capacity (LPD) : 30,000 Liters / Day ENA
Feed Stock: Grain



Dhaval P.M.Patil A.I. Ltd., Maharashtra, India.

Capacity (LPD) : 45,000 Liters / Day R.S., ENA
Feed Stock: Grain

Evaporation References



Ekarat Pattanam company Ltd., Thailand

Capacity: 2,000 M³ / Day Spent Wash Evaporation.



Sentiny Bio-Products Ltd., Vijaywada, AP, India.

Capacity (LPD): 1250 M³ / Day Spent Wash Evaporation



Shree Renuka Sugars Ltd., Athani, KA, India.

Capacity (LPD): 1100 M³ / Day Spent Wash Evaporation



Shree Renuka Sugars Ltd., Havalga, KA, India.

Capacity (LPD): 1100 M³ / Day Spent Wash Evaporation.



Roxol Bio Energy Ltd., Philippines

Capacity (LPD): 800M³/ Day Spent Wash Evaporation.



Pearl Distilleries Ltd., AP, India

Capacity (LPD): 650 M³ / Day Spent Wash Evaporation



Shree Renuka Sugars Ltd.



Malbros international Ltd., Firojpur, Punjab.

Capacity (LPD) India.500 M³ / Day Spent Wash Evaporation.



Gayatri Sugars Ltd., Vijaywada, AP, India.

Capacity (LPD): 500 M³ / Day Spent Wash Evaporation



NCS Sugars Ltd., Kakinada, AP, India.

Capacity (LPD): 200 M³ / Day Spent Wash Evaporation



Shamanur Sugars Ltd., Bagalkot, Karnataka, India.

Capacity (LPD): 650 M³ / Day Spent Wash Evaporation



Kartika Agro I. Pvt.Ltd., Bagalkot, Karnataka, India.

Capacity (LPD): 650 M³ / Day Spent Wash Evaporation



Pranav Agrotech Industries Ltd., Aurangabad, India.

Capacity (LPD): 300 M³ / Day Spent Wash Evaporation



Victoria Agro Food Processing Pvt. Ltd.

Capacity (LPD): 500 M3 / Day Spent Wash Evaporation



Dhaval Pratapsinha Mohite Patil Agro India Pvt. Ltd

Capacity (LPD): 425 M3 / Day Spent Wash Evaporation

KBK Ongoing Projects



Victoria Agro & Food P. I. Ltd.- Maharashtra, India.

Capacity (LPD) : 60,000 Liters / Day R.S., ENA

Feed Stock: Grain



HPCL Bio-Fuels Ltd.-Lauriya, Bihar, India.

Capacity (LPD) : 60,000 Liters / Day R.S. & Ethanol

Feed Stock: Molasses & Cane Juice



HPCL Bio-Fuels Ltd.-Sugauli, Bihar, India.

Capacity (LPD) : 60,000 Liters / Day R.S. & Ethanol

Feed Stock: Molasses & Cane Juice



Kilimanjaro Bio-Chem Ltd., Africa.

Capacity (LPD) : 20,000 Liters Per Day ENA.

Feed Stock: Molasses



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