



DISTILLERIES

— with —

**ZERO LIQUID
DISCHARGE**

*Fuel-Grade Ethanol | Pharma-Grade Ethanol | ENA (Extra Neutral Alcohol) | RS (Rectified Spirit)
EQRS (Extra Quality Rectified Spirit) | Ethyl Acetate | DI Acetone Alcohol*



Multifeed (Molasses / Grain) Based Distillery Plant in India



**Fermentation
Efficiency**



**Distillation
Efficiency**



**Dehydration
Efficiency**

TURNKEY PROJECT HIGHLIGHT



300 KLPD Multi-Feed Syrup/Molasses/Grain Distillery Plant at Kedarnath Sugar Ltd., Karnataka, India (Nirani Group - Distillation section design on 1.2 kg/cm² steam pressure)

Comprehensive Turnkey Distillery Solutions

We deliver complete, integrated distillery projects, from design to commissioning, with high efficiency and low energy consumption



175 KLPD Distillery Plant with 44 TPH Slop Fired Boiler & 5 MW Power Plant (Repeat Order), Dwarikesh Sugar Industries Ltd., Bareilly, India



160 KLPD Distillery Plant with 48 TPH Slop Fired Boiler & 5.5 MW Power Plant including Civil Work, Saraswati Sugar Mills, Haryana, India

Optimized Steam Consumption



C-Molasses

3.0 Kg/L
of Total Spirit



B-Heavy

2.5 Kg/L
of Total Spirit



Syrup

2.2 Kg/L
of Total Spirit



Grain(Rice)

2.5 Kg/L
of Total Spirit



225 KLPD Ethanol Plant on (Syrup / B Heavy), JGN Sugar & Biofuels (P) Ltd., Uttarakhand, India

OPERATION, MAINTENANCE, AND RETROFITTING SERVICES FOR NEW AND EXISTING PLANT



80 TPH, 45 kg/sq.cm. (g), 400 Deg. C, Slop / Bagasse Fired Travelling Grate Boiler at DCM Shriram Sugars, Ajbapur U.P, India



3D Plant View: 210 KLPD ENA Plant with 32 TPH Slop Fired Boiler, West Kenya Sugar Company, Kenya, India

OUR CUSTOMERS

Capacity	Customer	Capacity	Customer
500 KLPD Distillery Plant on Grain / Syrup / B Molasses on Turnkey basis	Panchganga Sugar and Power Pvt. Ltd., India	160 KLPD Distillery Plant with 48 TPH Slop Fired Boiler & 5.5 MW Power Plant including Civil Work	Saraswati Sugar Mills, Haryana, India
300 KLPD Distillery Plant on Grain / Syrup on Turnkey basis (Repeat Order)	Shree Kedarnath Sugar & Agro, Karnataka (Nirani Group), India	130 KLPD Distillery Plant with 40 TPH Slop Fired Boiler & 5 MW Power Plant	Dwarikesh Sugar Industries Ltd., Bundki, India
225 KLPD Ethanol Plant on (Syrup / B Heavy)	JGN Sugar & Biofuels (P) Ltd., Uttarakhand, India	120 KLPD Distillery Plant with 30 TPH Slop Fired Boiler	Shri Sai Priya Sugars Ltd., India
225 KLPD Distillery Plant with 80 TPH Slop Fired Boiler (Repeat Order)	DCM Shriram Ltd., Ajbapur, India	120 KLPD Molasses/Grain Based Distillery Plant with Incineration Boiler & 2.5 MW Power Plant	Bindal Paper Mills Ltd., Bijnor, India
210 KLPD ENA Plant with 32 TPH Slop Fired Boiler	West Kenya Sugar Company, Kenya	60 KLPD Distillery Plant with 22 TPH Slop Fired Boiler	Dalmia Bharat Sugar Factory, India
200 KLPD Distillery Plant on Syrup / B Molasses with 60 TPH Slop Fired Boiler	Mellbro Sugar Pvt. Ltd., Bagalkot, India	40 KLPD Distillery Plant with Slop Fired Boiler & Power Plant including Civil Work	The Kisan Sahkari Chini Mills Ltd., Najibabad, India
175 KLPD Distillery Plant with 44 TPH Slop Fired Boiler & 5 MW Power Plant (Repeat Order)	Dwarikesh Sugar Industries Ltd., Bareilly, India	30 KLPD Distillery Plant with Slop Fired Boiler & Power Plant including Civil Work	The Kisan Sahkari Chini Mills Ltd., Sathiaon, India
160 KLPD Distillery Plant with 55 TPH Slop Fired Boiler	DCM Shriram Ltd., Hariawan, India		



200 KLPD Distillery Plant on Syrup / B Molasses with 60 TPH Slop Fired Boiler, Mellbro Sugar Pvt. Ltd., Bagalkot, India



160 KLPD Distillery Plant at DCM Shriram, Hariawan, U.P, India



225 KLPD Distillery Plant with 80 TPH Slop Fired Boiler (Repeat Order), DCM Shriram Ltd., Ajbapur, India



130 KLPD Distillery Plant., Dwarikesh Sugar Industries Ltd., Bijnor U.P, India

OTHER PRODUCTS

Sugar Plants & Machinery | Compressed Bio-gas (CBG) | EPC Projects | Bagasse & Biomass Fired Boilers
 Slop / Vinasse Fired Boilers | Pulverised Coal Fired Boilers | Circulating Fluidised Bed Combustion Boilers
 Atmospheric Fluidised Bed Combustion Boilers | Oil & Gas Fired Boilers | Waste to Energy Boilers
 Waste Heat Recovery Boilers | Emission Control Solutions | Deaerators | Spares



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