LabhGroup
Empowering Business
Transforming World!



Global Leader in Providing Next Generation Turnkey Solution to Chemical Processing Industries!

www.labhgroup.com

Presenting

Sodium Silicate Manufacturing Plant

LabhGroup

30+ Years of Rich Experience | **100+** Countries Global Presence | **10000+** Delighted Customers

Sodium Silicate Manufacturing Plant



Chemical Processing Machines Division

Global Leader in Next Generation Chemical Processing Plant & Machinery

ISO 9001:2015 CERTIFIED | ISO 14001:2015 CERTIFIED | European Coformity CE Certified Products | GMP Quality | Executive Member FIEO Federation of Indian Export Organizations

Technical Specifications

Particulars	Specifications
Name	Sodium Silicate Manufacturing Plant
Function	To produce sodium silicate
Capacity	Up to 10 MT per day
Material of Construction	Mild steel
Gas Used	Chlorine
Product Form	Liquid
Raw Material	Caustic soda flakes, Rice husk, Rice husk ash, Chlorine gas: 3.
Main Motor	ABB - Switzerland or equivalent
Gear Box	Bonfiglioli - Italy or equivalent
Switch Gears	Schneider – France or equivalent
Power Supply	440 Volts, 50 Hz, A.C., Three phase with neutral (can also be designed as per specific requirement)
Note	Exact specifications may vary and shall be made available upon specific request.

Salient Features

- With efficient large pressure vessels for the chemical reaction between silica sand and sodium carbonate to produce sodium silicate
- Equipped with mixers and agitators for thorough mixing of raw materials and maintain homogeneity during the reaction
- With heat exchanger to control and manage the temperature during the exothermic reaction, optimizing efficiency and safety
- Aesthetically and ergonomically build machine for best performance
- Produced in an advanced state of the art manufacturing facility
- Latest technology for better performance and improved efficiency
- World class bought out items for optimum operations
- Designed to work 24 hours, round the clock
- Operator friendly machine, hence easy to operate and maintain
- Low maintenance and operating cost
- Sturdy design to ensure long life and trouble-free operation

Send your inquiry now

About Labh Group

Labh Group is a global engineering and technology-driven industrial conglomerate with headquarter in India. We provide complete end-to-end next-generation smart, innovative turn-key solutions to diverse industries across the globe. With **30+ years** of rich experience and presence in **100+ countries**, we have helped **10000+ customers** to excel and outperform in their industry.

Leveraging over an experience of around three decades, we continuously reinvent to help our customers achieve better results and create a more sustainable world for our current and future generations.

Living by our core values of excellence, respect, care and joy, we at Labh Group are committed to provide best advice, best quality products, at the best price with the best service, always!

We help our customers write their future!
We are LabhGroup!



(Click to watch our corporate video)

8 Outstanding benefits our customers enjoy



1. Expert guidance

Get the best advice from our experts to help you make the right decision



2. Complete turn-key Solutions

Our state of the art end to end one stop 360 turn-key solutions for smooth execution



3. Most competitive price

Very reasonable price for a long term win-win partnership



4. Best quality machines

Optimally designed high quality machines for best performance and long working life



5. Installation & Commissioning

Smooth and perfect installation by our expert technician at your site



6. Automation and upgradation

Increase productivity & profitability with our advanced technology



7. Knowledge Sharing

Stay ahead of your competitors with our latest industry development and trend mailers



8. Lifetime Support

Prompt and efficient after-sales support by our dedicated technical team through email, call or site visit

Our Global Presence



30+
Years of rich experience

100+
Countries - Global presence

10000+
Delighted customers

Get In Touch

LabhGroup

Corporate office

Address: Labh Group of Companies

4th Floor, Sarthik Square, Pakwan Cross Road,

S. G. Highway, Ahmedabad – 380054, India.

Phone: +91-79-66611888, 66611999

E-mail: sales@labhgroup.com

Working hours:

Monday to Friday - 9:30 am to 6:30 pm (IST)

Connect with us on:

www.labhgroup.com

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