



**Engineering Solutions**

**Shri Samarth Engineering Pvt Ltd**

[Website: www.shrisamarthengineering.com](http://www.shrisamarthengineering.com)

**E**ngineering

**P**rocurement

**C**onstruction

Technology & solution Provider For  
Alcohol Distilleries

Molecular Sieve Dehydration Tehnology For Bio- Ethanol

Spent wash Evaportation Plant

Industrial Equipment Manufacturing & Supply

Effluent Treatment Plant

# OUR HISTORY

“Shri Samarth Engineering Pvt. Ltd” (SSEPL) is an Indian Engineering Company, based at Pune in Maharashtra, India.

“SSEPL” is involved in supplying of EPC projects for Alcohol Distilleries, Molecular Sieve Dehydration Technology For Bio-Ethanol, Spent wash Evaporation, Effluent Treatment Plant and Industrial Equipment Manufacturing and Supply.

“SSEPL” is having experience in the field and has executed distillery project successfully from last 6 years.

The foundations of “Shri Samarth Engineering Pvt Ltd” were laid by **Mr. Madhav Ugile and Mr. Arvind Gagare**. Their 10+ yrs experience in field of manufacturing and process operation has given tremendous support to the growth of “Shri Samarth Engineering Pvt Ltd”.

“Shri Samarth Engineering Pvt. Ltd.” is a global company dealing in manufacturing of PLC/DCS based Distillery plants.

“Shri Samarth Engineering Pvt. Ltd”. is spread across wide premises of 7600 Sq. Ft. 1 Nos and 12,000 Sq. Ft. 1 Nos covered shop floor area and Fully equipped upcoming workshop of 36000 Sq. Ft. The design and development work is executed at our premises. We are well equipped with advanced machinery and equipment to carry out our manufacturing process in a best possible way. We are fortunate to have the expertise of well experienced engineers and technocrats; Our engineers are always encouraged to stay updated with the latest trends and technology, which helps us to ensure higher efficiency and production capacity of our manufacturing wing.

“SSEPL” has taken steps for business expansion towards Distillery, Pharmaceutical, Food, ETP, WTP and chemicals industries for all engineering services. We are also in equipment business and fabrication jobs for all industrial sectors.

“SSEPL” has managed to evolve as a global company capable of serving the industry with best of services and quality. We are providing after sales Services to our client.

“SSEPL” provides practical training to our client Technical Team and Plant operator. Some of the known attributes of our product range are its longer service life, excellent built quality and functional competence.

## Engineering Services by “SSEPL” As

- Feasibility studies & Reports
- Process design, modeling & simulations.
- Detailed engineering
- Project Management
- Commissioning and Troubleshooting
- Modernization of existing plant
- Energy Audits
- Manufacturing, supply, erection & commissioning of equipments/ plants.

## Speciality- of Shri Samarth Engineering Pvt. Ltd

- Fermentation -**  
Batch / Continuous Fermentation
- Distillation -**  
Multi-Pressure Vacuum Distillation

- Evaporation -**  
Multiple Effect Evaporator have combination of Falling Film and Forced Circulation Evaporation to Concentrate Spent Wash

- Molecular Sieve Dehydration Technology -**  
Ethanol –Water Separation by using Molecular Sieve Dehydration Technology which is based on Adsorption Process and Producing Fuel Grade Absolute Alcohol 99.8 % v/v.

- Spent wash Recycle In Continuous Fermentation Process -**  
To minimize the Effluent Generation and Reduce the Evaporation plant Load , SSEPL was recycle 25 to 30 % Spent wash in Molasses based Fermentation  
30 to 40 % Thin Slope Recycle in Grain Based Fermentation .

- Integrated Falling Film Evaporation -**  
Without any Additional Steam

- DDGS Dryer –For Grain Based Plant -**  
DWGS Concentrating from 35 % Solid to 90 % Solid

- Condensate Polishing Unit -**  
Effluent Spent less from Distillation and Process condensate from Evaporation shall be treated by using Anerobic process and recycle back to Distillery Process to save overall water consumption.

# MANUFACTURING FACILITIES IN “SSEPL”

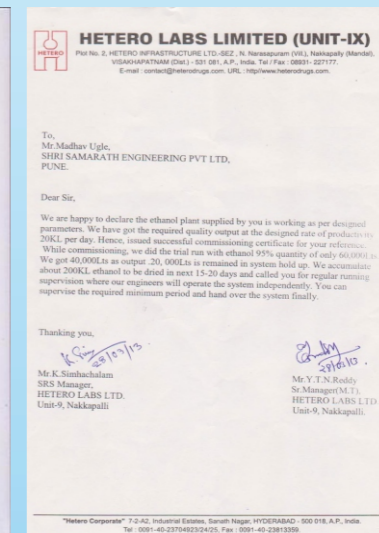
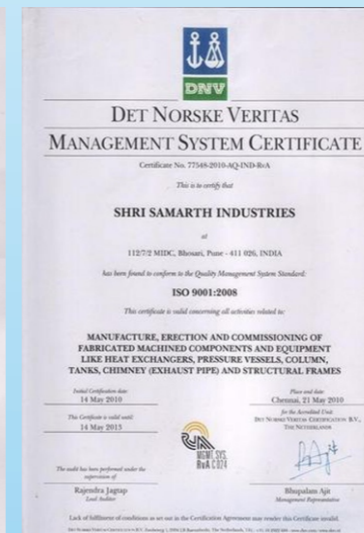
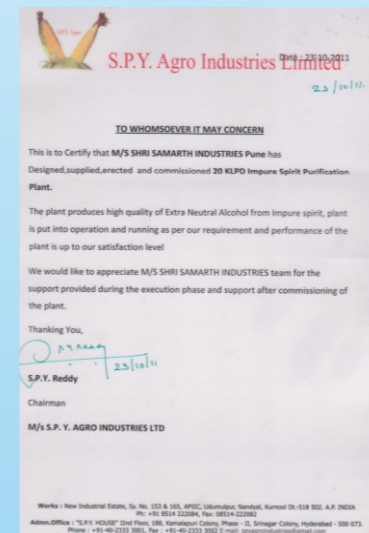
SSEPL have fully Manufacturing Facilities for manufacture of industrial equipments with 100 % in house manufacturing, Calibration, inspection and testing facility. Our workshop is located at Bhosari Pune. Our quality control facilities consist of Pre & Post weld heat treatment, NDT, D.P. Test. Magnetic particle test and U.T.

Our precision engineered range is appreciated for its quality. Our manufacturing facilities fulfill the industrial demands by the use of quality practice and control.

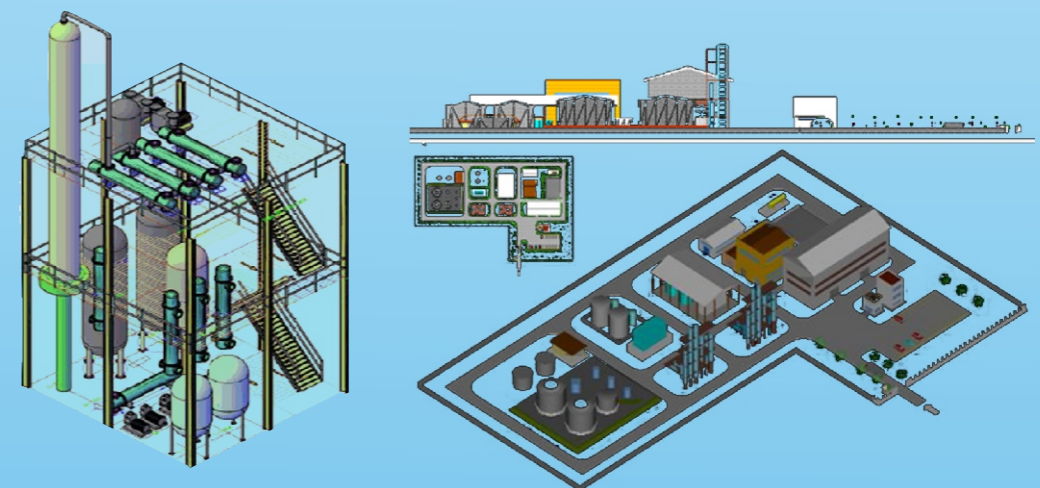
## Customer Satisfaction- Successfully Completed E & C

- JOGESHWARI BREWERIES PVT. LTD., OSAMANABAD**  
Plant Capacity- 30 KLPD Grain Based Distillery Plant
- S.P.Y. AGRO INDUSTRIES LTD., NANDYAL, A.P**  
Plant Capacity - 20 KLPD Impure Purification Plant  
Repeat Order for 60 KLPD Ethanol Plant
- HETERO LABS LIMITED., VISAKHAPATNAM**  
Plant Capacity - 20 KLPD Molecular Sieve Dehydration Plant
- SENTINI BIO-PRODUCTS PVT.LTD., VIJAYWADA, A.P**  
Plant Capacity – 30 KLPD Molecular Sieve Dehydration Plant
- HINGURANA DISTILLERIES LTD., COLOMBO SRI LANKA**  
Plant Capacity - 12 KLPD Starch Base Distillery Plant
- OASIS DISTILLERY LTD., KARAD**  
Plant Capacity - 12 KLPD Molecular Sieve Dehydration Plant

## Client performance Certificates



## 3 Dimensional schematic model of Distillery Plant



Cane



Rice



Maize



Sorghum

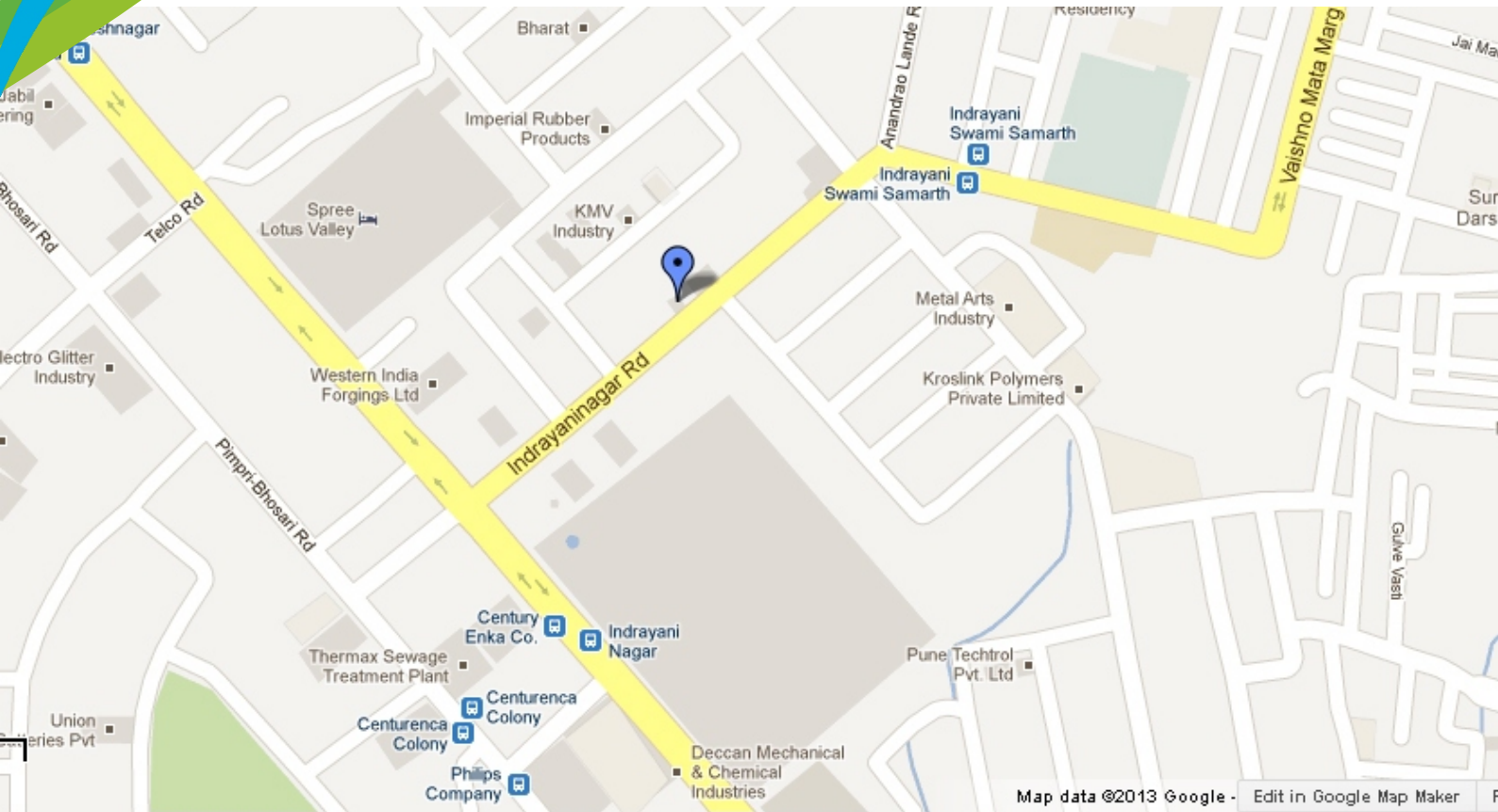


Molasses



**Engineering Solutions**

## Shri Samarth Engineering Pvt Ltd



### Shri Samarth Engineering Pvt. Ltd.

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**Tel.:** +91-20-65230010

**E-mail:** sales@shrisamarthengineering.com

**Website:** www.shrisamarthengineering.com

### ➤ Our Manufacturing Units ➤

**Unit I :** S-112/7/2, M.I.D.C, Bhosari.  
Pune-411026. Maharashtra, India

**Unit II :** Plot No.-154, Sector No.7,  
PCNTDA, Industrial Estate, Bhosari,  
Pune-411026. Maharashtra, India

**Unit III :** Plot No-174/1, M.I.D.C,  
Bhosari. Pune-411026.  
Maharashtra, India