

## OVERVIEW

We believe that we are one of the leading manufacturers of Rectified Spirit, Denatured Spirit and Extra Neutral Alcohol. Apportion of our production of molasses from sugar factory is used as raw material for manufacture of spirit i.e. Rectified Spirit, Denatured Spirit and Extra Neutral Alcohol which is manufactured by the Continuous Fermentation & Multipressure Vacuum Distillation and also effecting sells of carbon dioxide (CO<sub>2</sub>) and fusel oil which are produced as by-products during distillation process of Spirit. Our Products are manufactured at our distillery situated at Walchandnagar, Maharashtra with total area of approx 40 Acres which is a molasses based distillery. Our majority of the spirit which contains 95% alcohol by nature and also used to manufacture alcohol by the process of rectification is used by chemical and pharmaceutical industries.

Our Company was originally incorporated on August 03, 2000 as private limited company under the name and style of “Aurangabad Distillery Private Limited” with Registrar of Company, Maharashtra by Original Promoters, Mr. Manoj Wadhvani, Mrs. Kiran Wadhvani and Mr. Sadhuram Wadhvani with a main object to set up an distillery and manufacturing of spirits. In the year 2005, our company purchased a distillery with land and installed Plant & machinery situated at Walchandnagar from Ashok Alcochem Limited. Later in the year 2005, the company was taken over by Present promoters Mr. Amardeepsingh Triloksingh Sethi, Mr. Dharampal Kimatram Kalani, Mr. Kanyalal Kimatram Kalani and Mrs. Jagitkaur Amardeepsingh Sethi. During the last quarter of the year 2005, our company has started its commercial production of spirit with new management.

The manufacturing process of Rectified Spirit, Denatured Spirit and Extra Neutral Alcohol is based on the modern technology of Continuous Fermentation and multi pressure vacuum distillation and molasses from sugar factory is used as raw material for manufacture of Spirit. The Rectified Spirit is the initial product obtained. It is diluted with soft water and further distilled to remove any organic impurities & refined to obtain best quality denatured spirit and extra neutral alcohol. Our Company also sells carbon dioxide (CO<sub>2</sub>) and fusel oil which are produced as by-products during distillation process of Spirit. Additionally our company produces electricity through turbine which is captively consumed in our distillation process and reduces the dependency on purchased electricity.

Our Company has set up its Effluent Treatment Plant (ETP) which is used to treat the waste generated during the process of distillation. The spent wash generated from Distillation is highly polluted in nature, as it is acidic in content. For effective control of pollution, Effluent Treatment Plant comprises of Primary treatment plant and Secondary treatment plant which together treat the waste with conversion into solid form and afterwards the waste is degraded using the Press mud.

In order to strengthen our business operation and continue to invest in technology, our Company has shifted from manual distillation to automated distillation in the year 2015-16. The distillation plant consists of analyser column and rectifier column. The analyser column built along with degasifying column and each column is attached with condensers. The fermented wash pumped from the clarified wash tank is fed into an analyser column on continuous basis and steam is injected for separating alcohol and spent wash from fermented wash in analyser column. All the activities are controlled by Programmable Logic Controller (PLC) which overcomes the limitation of manual distillation. Our Distillation plants are customized for quality, consumption and operational ease. We have state of the art specially designed equipment's enabling efficient separation of impurities with reduced scaling and down time. Below are the features of our automated distillation Plant:-

- Multi pressure distillation operates under vacuum and at low operating temperatures which avoids hard scale formation.
- Reduction in impurities in spirit production
- Reduction in effluent quality by integrating by the evaporation system
- Energy conservation through multi pressure distillation.
- Better quality of all grade of alcohol due to better removal of impurities.

Our Company is presently promoted by Mr. Amardeepsingh Triloksingh Sethi, Mr. Dharampal Kimatram Kalani, Mr. Kanyalal Kimatram Kalani and Mrs. Jagitkaur Amardeepsingh Sethi, who have over 15 years of experience in the distillation industry and have in-depth knowledge of the product and industry in which we operate.

**Our Manufacturing facilities:-**

Molasses Dilutor	Fermentation Tank
	
Analyser Column	Rectifier Column
	

**Simmering Column**



**Multi Purpose Vacuum Distillation Plant**



**Effluent Treatment Plant (ETP)**



**Reflux Tank**



**Rotameters**

