

# WASTE MINIMIZATION CIRCLE

## Waste minimization in small scale industries

### CLEANER PRODUCTION CASE STUDY IN SUGAR INDUSTRY

Name of Industry: S S K Distillery

Place: Akluj Maharashtra, India

Study of focus area: Conventional vs "Dual Biofermen " process

Website: wmc.nic.in

Source of the case study: <http://wmc.nic.in/case-studies3.asp>



The screenshot displays the website interface for the Waste Minimisation Circle. At the top, there are logos for the Ministry of Environment and Forests, Government of India, and the Waste Minimisation Circle itself. The main navigation bar includes links for Home, About WMC, Poster Gallery, Video, and Contact. A search bar is located on the left side. The main content area is titled "CASE-STUDIES" and features a dropdown menu for "INDUSTRIAL SECTOR" with a search icon. The selected case study is "WASTE MINIMIZATION CASE STUDY IN WMC DISTILLERY UNIT - CONVERSION OF BATCH DISTILLERY TO CONTINUOUS PROCESS". The content is organized into sections: 1. INTRODUCTION, 2. ABOUT THE INDUSTRY, 3. PRODUCTION PROCESS, 4. PROCESS BENEFITS, and 5.0 CONCLUSION. The "INTRODUCTION TO THE SECTOR" section discusses distilleries as an allied industry of the sugar industry, highlighting the environmental challenges of treating and disposing of distillery spent wash. It mentions that many technologies have been tried for the treatment of spent wash, but none have been found to be effective and economically viable. The text concludes by suggesting that "Composting" technology may be one of the best options, as it could result in zero pollution and further compost processing can produce valuable organic and inorganic ingredients for ethanol and fertilizers, though it also notes that space becomes a major constraint for adopting this method on a long-term basis.