

## Steam Stripping

### The Customer

The Company manufactures plastic additives, acrylic coatings, emulsion products and monomer acrylates which are used in products that are a part of everyday life.

### The Process

Steam stripping columns are used to remove Volatile Organic Compounds (VOCs) from water collected from the various manufacturing processes throughout the plant. The wastewater is normally free of solvent but there is a chance that there may be some present.

### The Challenge

The Company wanted to monitor the outlet of the steam stripping column for residual solvent from the wastewater. They needed to send an alarm signal in case the concentration exceeded 25% LEL. The signal would be used to shut down the process.



### The Solution

The Company chose PreVEx Flammability Analyzers because they have a very fast response time and can react quickly to prevent a fire or explosion. The industrial strength analyzers are fully heated to keep all the elements of the dryer atmosphere in the vapor state eliminating clogging and sample condensation. Additional features that added to the selection of the PreVEx included failsafe operation, low maintenance and easy servicing.

### SIC Code

- 2819: Industrial Inorganic Chemicals NEC

### NAICS Code

- 325998: All Other Miscellaneous Chemical Product and Preparation Manufacturing