



# 1.5 Million SCFD H2 Reforming Plant

## GENERAL INFORMATION

Plant Capacity: 1.5 Million SCFD OF H<sub>2</sub> with 99.99 % purity

Plant Designer: Howe-Baker Engineers, Inc.

Plant built : 1982

Plant Shutdown: July 2017

The plant has been under N<sub>2</sub> purge after the shutdown.

## NOTES

- The plant was operated in continuous basis 24 hour / day , the normal capacity was 900,000 SCFD , the minimal capacity the plant ran was 700,000 SCFD. The H<sub>2</sub> requirements were less than 1.0 million SCFD during all the years of operation.
- Natural Gas was always used for process and combustion , and the plant also has two propane pumps and propane vaporizer to operate the plant with propane.
- There are 14 tubes in the reformer , of Nickel material , 5.563" O.D. , 4.265" I.D. and 35'-7 7/8" long. Three of these tubes were replaced in 2013.

## DOCUMENTATION AVAILABLE

Process and Instrumentation diagrams

Flow sheet

Plant Lay out

Wiring schematics and electrical engineering

Mechanical engineering of pressure vessels

Reformer mechanical drawings

Production records and Maintenance records

Two set of books with Instrumentation and Controls, vendor info, etc.



**Louisiana Chemical Equipment Co, LLC**  
**[plants@LCEC.com](mailto:plants@LCEC.com) (225) 923-3602**  
**[www.LCEC.com](http://www.LCEC.com)**