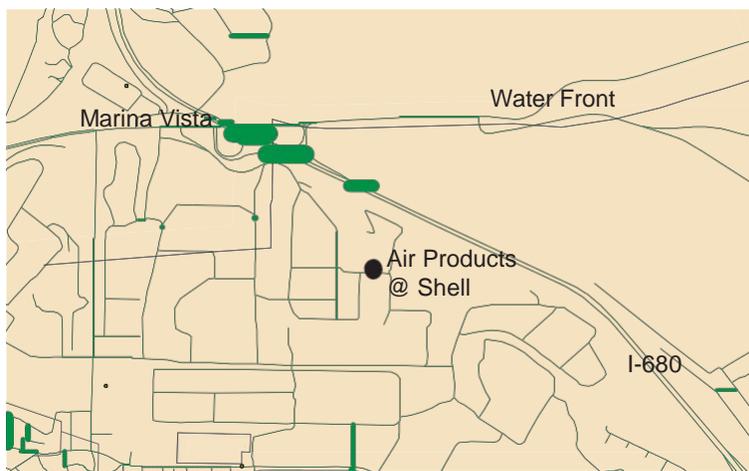




The Air Products Shell Hydrogen Plant is part of the Global Operations Group, Air Products and Chemicals Inc. of Allentown, PA and is located inside the Shell Martinez Refinery. The primary purpose of this plant is to make gaseous hydrogen, mainly from natural gas; for Shell Martinez Refinery which they use to remove sulfur and other impurities to make clean fuels. This 24 hour plant reportedly has 11 full time employees onsite. The plant has a maximum of 44,600 pounds of flammable gas containing approximately 12.2% hydrogen and 12.2% methane, by weight, at any given time.

Hazardous Substances Stored or Produced Onsite and their Immediate Health Effects

- **Hydrogen: an odorless, extremely flammable gas. Inhalation may cause dizziness, shortness of breath and unconsciousness.**



3-year Accident History (Last updated April, 2019)

There have been no incidents large enough to require reporting in the last three years.

Safety Features (updated June 2018)):

- The site has continued to update and refine their site specific documents to clarify the ISO requirements.

Summary of Most Recent Audit (February 2018):

Summary of Most Recent Audit Findings (February 2018): AP Shell has developed policies and procedures as required by the California Accidental Release Program (CalARP) and the County Industrial Safety Ordinance (ISO). The established prevention programs including PHA, Incident Investigation, Operating Procedures, and Mechanical Integrity, remain relatively strong. However Air Products has experienced high management turnover, including the elimination of “key” management positions that directly supported the site and were intimately familiar with local ISO regulations.

For more information:

Copies of the latest audit findings, Risk Management Plan, and Safety Plan can be found in the following locations:

CCHS Hazardous Materials Office
4585 Pacheco Blvd, Ste. 100
Martinez, CA 94553

Martinez Library
740 Court St. Martinez, CA 94553

Visit our website at www.cchealth.org/groups/hazmat or call 925-335-3200.

