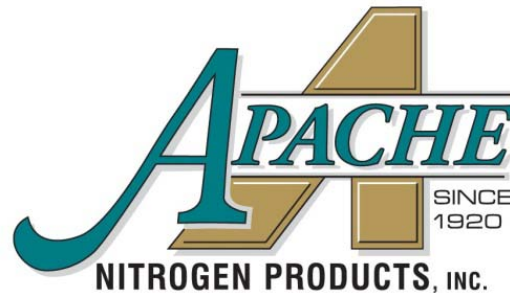


Apache Nitrogen Products Inc.

Apache AbateNOxTM

Ammonium Hydroxide Process

*Providing the Highest Purity Aqua
Ammonia to the Western USA*





Apache Nitrogen Products, Inc.

P.O. Box 700
Benson, AZ 85602

Our Vision

To be the Supplier of Choice in the markets we serve by continually meeting and exceeding customer's expectations.

Our Mission

To work as a unified team to continuously improve our customer satisfaction, safety performance, environmental stewardship, and plant processes through innovation and employee involvement, while expanding our production capabilities and our ability to develop new markets that add value to our shareholders and employees.

Apache Nitrogen Products, Inc.

Ammonium Hydroxide Process

Apache's Ammonium Hydroxide is produced from merchant grade anhydrous ammonia, which is processed through our handling system to remove trace oil and other impurities, as our internal process requires the purest form of anhydrous ammonia for our Nitric Acid reaction process and our own NOx abatement systems. Apache handles between 75,000 and 90,000 tons of anhydrous ammonia annually, has three quality suppliers, and has on-site storage as well. Apache operates a Brine Concentrator for our processes, which produces "**distilled water**" used in our Boilers and in the production of our Ammonium Hydroxide. This "**distilled water**" is the purest form of water available in the market place for the production of Ammonium Hydroxide.

Since Apache uses the purest forms of anhydrous ammonia and water in the production of our "**Apache AbateNOx™**" and delivers the product in dedicated trailers, our product is the highest quality available in the western markets. At the request of a new Customer, Apache was inspected by an expert in ammonia processes, and Apache's "**Apache AbateNOx™**" was rated the best quality and supply source of all suppliers in Arizona and Southern California inspected by this expert. The inspection was requested because the Power Plant experienced Ammonium Hydroxide quality issues that damaged their abatement system and caused difficulty meeting permitted emissions, and was obviously a big concern. Other producers do not use pure water, and in some cases do not use dedicated trailers. Since converting to Apache's "**Apache AbateNOx™**" our Customers systems are functioning very well and with optimum NOx abatement!

The added benefit from Apache's Ammonium Hydroxide process is that our product is not only produced with the highest purity water, but with a "total water management" perspective.



Ammonia
Storage
Sphere

Ammonium
Hydroxide
Storage

Raw Water
Water
Storage

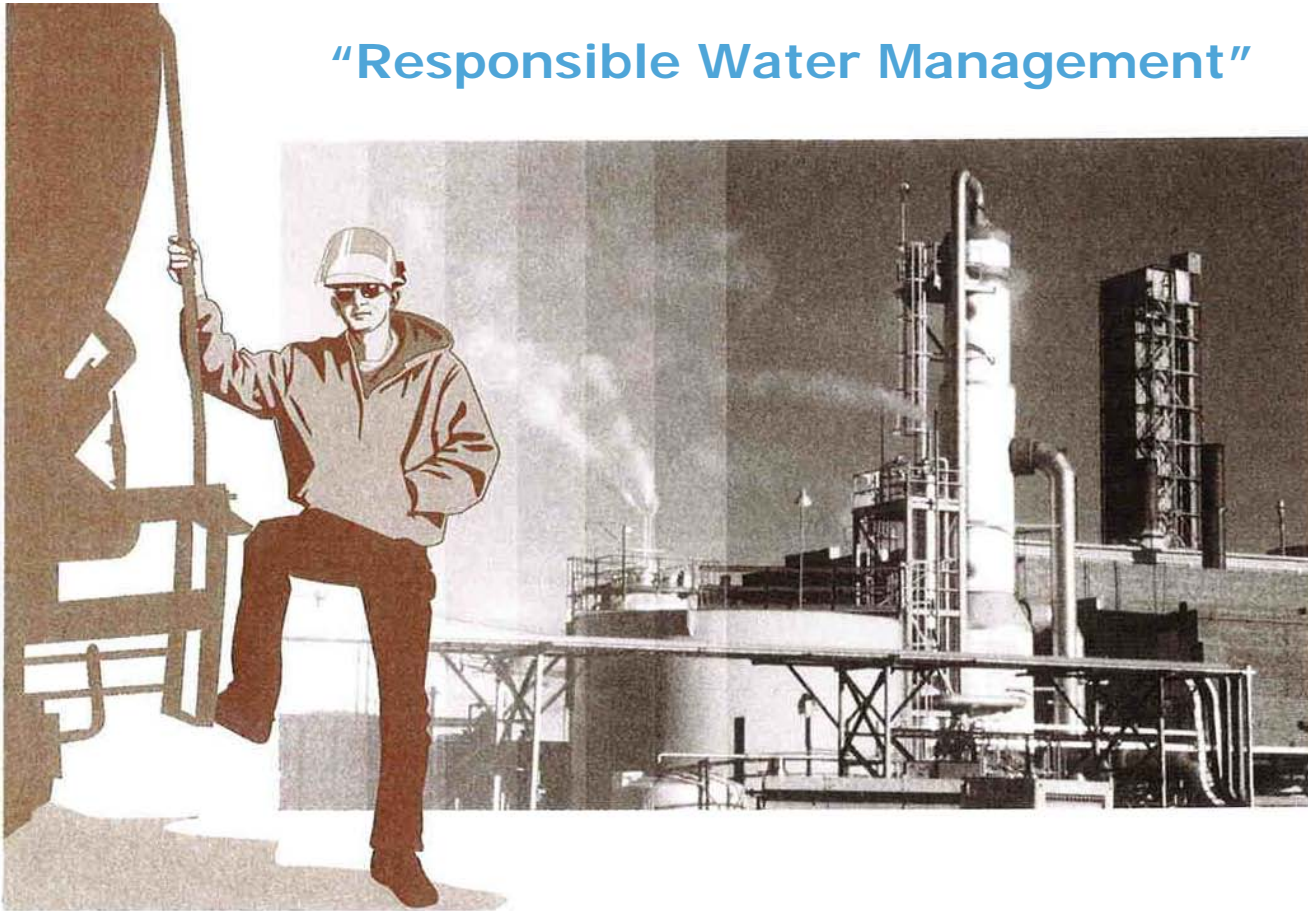
Brine
Concentrator

Distilled
Water
Storage

Apache
AbateNOx™

Apache's Brine Concentrator – Producing Distilled Water

“Responsible Water Management”



In chemical and biological laboratories, as well as industry, cheaper alternatives such as deionized water are preferred over distilled water. However, if these alternatives are not sufficiently pure, “distilled water” is used.

Heat is added to water, causing it to evaporate, thus leaving the contaminants behind. The steam is then captured and cooled back down into high purity distilled water. It is then stored in a stainless steel container.

RCC™ Brine Concentrator systems from GE Water & Process Technologies recovers 95% to 99 % of the wastewater as high-purity distillate (<10 mg/l TDS) for boiler makeup, NOx control, cooling tower makeup, or plant processes.





**Apache
AbateNOx™**

Apache AbateNOx™



Apache AbateNOx™



Apache AbateNOx™