Partial Ammonia Related Project List

Yale University
New Haven, CT

Application: 15 Mega Watt Power plant
NOx Reduction System
Ammonium Hydroxide System.

CS Integrated
Secaucus, NJ

Application: Ammonia Refrigeration System for Frozen food Distribution Facilities
300TR Low Temperature Recirculated Ammonia System (Chester, NY)

500TR Low Temperature Recirculated Ammonia System (Buffalo, NY)

Ammonia Refrigeration System for Blast Tunnels
100TR Blast Tunnels for Freezing Campbell’s Processed Chicken (Douglas, GA)

175 TR Blast Freezing Project for Freezing Nabisco’s Eggbeaters (St. Louis, MO)

E.I. Dupont
Ft. Madison, IA

Application: Anhydrous Ammonia Delivery System
New Product Development, Finishes for Automobile Industry
High Purity application of an anhydrous ammonia delivery system.
Work included: Conceptual design, engineering, fabrication, installation, and safety training.

United Technologies (Pratt & Whitney)
Hartford, CT

Application: Testing Chamber for NASA Space Station
Waste Flow Neutralization & Ammonia Vapor Scrubbing Upgrade.

Application: Engineering & Safety Support
NOx Reduction System Upgrades
Osram Sylvania
Warren, PA
Application: Heat Treating & Annealing Process
30,000 W.G. Anhydrous Ammonia Tank Retrofit and Upgrade.
Integrated control package for system automation & trending.

General Electric
New Haven, CT
Application: Ammonia Vapor Scrubbing and Neutralization System.
1200 SCFH ammonia-scrubbing units manufacture and install.
Anhydrous Ammonia and Ammonium Hydroxide Safety seminar

AES
Siemens Westinghouse Power Corporation
Pryor, OK
Application: Combined Cycle Power Plant
NOx Reduction System
24,000 gallon Anhydrous Ammonia System

Siemens Westinghouse Power Corporation
Brea, CA
Application: Combined Cycle Power Plant
NOx Reduction System
10,000 gallon Aqua Ammonia System

Duke Energy
Siemens Power Corporation
Bridgeport, CT
Application: Combined Cycle Power Plant
NOx Reduction System
40,000 gallon Aqua Ammonia System

Baltimore Gas & Electric
Bechtel Power Corporation
Baltimore, MD
Application: Coal Power Plant
NOx Reduction System
48,000 gallon Anhydrous Ammonia System
2000 #/hr vaporization system
Calpine
Bechtel Power Corporation
Yuba City, CA

Application: Combined Cycle Power Plant
NOx Reduction System
12,000 gallon Anhydrous Ammonia System

New York Power Authority (Brentwood)
Sargent & Lundy
General Electric
Long Island, NY

Application: Peak Shaving Power Plants
NOx Reduction System
10,000 gallon Aqua Ammonia System

New York Power Authority (3rd & 23rd)
Sargent & Lundy
General Electric
Brooklyn, NY

Application: Peak Shaving Power Plants
NOx Reduction System
10,000 gallon Aqua Ammonia System

New York Power Authority (Vernon Blvd.)
Sargent & Lundy
General Electric
Brooklyn, NY

Application: Peak Shaving Power Plants
NOx Reduction System
10,000 gallon Aqua Ammonia System

New York Power Authority (Hell Gate)
Sargent & Lundy
General Electric
Bronx, NY

Application: Peak Shaving Power Plants
NOx Reduction System
10,000 gallon Aqua Ammonia System

New York Power Authority (Harlem River)
Sargent & Lundy
General Electric
Bronx, NY

Application: Peak Shaving Power Plants
NOx Reduction System
10,000 gallon Aqua Ammonia System
New York Power Authority (1st & Grand)
Sargent & Lundy
General Electric
Queens, NY

Application: Peak Shaving Power Plants
NOx Reduction System
10,000 gallon Aqua Ammonia System

New York Power Authority (Pouch Terminal)
Sargent & Lundy
General Electric
Staten Island, NY

Application: Peak Shaving Power Plants
NOx Reduction System
10,000 gallon Aqua Ammonia System

Redhawk Power
Sargent & Lundy
Arlington, Arizona

Application: Combined Cycle Power Plant
NOx Reduction System
50,000 gallon Aqua Ammonia System

Calpine
Parsons Energy
Reading, PA

Application: Combined Cycle Power Plant
NOx Reduction System
24,000 gallon Anhydrous Ammonia System

GNA Energy
Harza Engineering
Seattle, WA

Application: Combined Cycle Power Plant
NOx Reduction System
15,000 gallon Aqua Ammonia System

Black Hills Energy Partners
Utility Engineering
Denver, CO

Application: Combined Cycle Power Plant
NOx Reduction System
10,000 gallon Aqua Ammonia System
Wyandotte Energy
Harza Engineering
Detroit, MI
Application: Combined Cycle Power Plant
NOx Reduction System
20,000 gallon Aqua Ammonia System

Calpine
Burns & McDonnell
Fremont, OH
Application: Combined Cycle Power Plant
NOx Reduction System
50,000 gallon Aqua Ammonia System

Bighorn Power
Sargent & Lundy
Las Vegas, NV
Application: Combined Cycle Power Plant
NOx Reduction System
35,000 gallon Aqua Ammonia System

South Texas Electric
Burns & McDonnell
Nursery, TX
Application: Combined Cycle Power Plant
NOx Reduction System
15,000 gallon Aqua Ammonia System

Bechtel Power Corporation
Athens, NY
Application: Coal Power Plant
NOx Reduction System
60,000 gallon Double Walled Aqua Ammonia System

Bechtel Power Corporation
Athens, NY
Application: Combined Cycle Power Plant
NOx Reduction System
20,000 gallon Double Walled Aqua Ammonia System