

AMMONIA CAPABILITIES

Matrix PDM Engineering is staffed by dedicated, experienced professional engineers with expertise in the areas of structural design, process design, insulation, stress analysis, civil design, reinforced and prestressed concrete design, metallurgy, welding, gas dynamics, heat transfer, refrigeration, mechanical design, electrical design, controls, and instrumentation. As standards committee participants, Matrix PDM engineers develop industry codes for project requirements through its representation on major committees such as ACI 376 and API 620, as well as experience with facility owners. Matrix is an expert in storage tank and facility design requirements and safety practices associated with LNG and refrigerated liquids.

Matrix is a company of choice for engineering, constructing and maintaining the energy and industrial infrastructure that people rely on around the world. We provide comprehensive engineering solutions that fit a wide range of unique customer needs and priorities, serving customers across the globe.

A HIGHER STANDARD IN ENGINEERING

PROVIDING EXPERTISE START TO FINISH

With 65 years of legacy experience, you will benefit when partnering with Matrix PDM Engineering, with our start-to-finish deliverables spanning all technologies and engineering, procurement, fabrication, construction, and maintenance services for the fulfillment of ammonia storage facilities.

The demand for ammonia used for fertilizers and as a hydrogen carrier will continue to increase, creating opportunities for producers all around the globe. Matrix has the critical resources for end-to-end coordination and provision of ammonia storage projects. What's more, we have deeper resources than many smaller contractors enabling us to see projects through to completion safely, on time, on spec, on budget and with the quality you expect. We are also more streamlined than many larger providers, able to move quickly and adapt to your needs. Detailed reporting and predictive forecasting help control costs and enhance accountability.

Matrix's world-class engineers have designed many ammonia storage facility projects in the past and work alongside highly trusted partners for construction. Within the US and Canada, Matrix's sister subsidiaries typically complete construction; internationally, we partner with equally revered contractors.

As a world-renowned leader in cryogenic and refrigerated storage terminaling solutions, we ensure the integrity and safety of your ammonia facilities. Matrix has successfully delivered an extensive list of diverse industry-leading storage and balance-of-plant solutions for ammonia projects and are excited to continue expanding into this division of critical work. To read about past ammonia projects or for more information scan the QR code below.

Ammonia Services

- Conceptual design and feasibility studies
- Front End Engineering and Design (FEED)
- Detailed design
- Engineering, procurement, and construction engineering support
- Partner with cryogenic experienced Matrix construction subsidiaries Matrix Service and Matrix NAC domestically or with established international partners that have sphere and cryogenic experience
- Integrator of production, liquefaction, and fueling technologies



For more information
please contact

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