

ASPE Inc. Advances Gas Processing Solutions with Hydrogen Plant, Electrolyzer, and Nitrogen PSA Technologies

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- [ASPE Inc.](#) pioneers hydrogen and nitrogen solutions
- Delivering advanced plant and PSA systems
- Utilizing state-of-the-art tech for global sustainability

With over two decades of experience, ASPE Inc. has emerged as a pioneering force in air separation, gas purification, and gas engineering technologies. Founded in 2000, the company has continuously pushed the boundaries of innovation, offering comprehensive solutions that cover design, manufacturing, and commissioning & start-up services.



ASPE Inc.

ASPE Inc. is dedicated to propelling advancements in gas separation and purification, particularly focusing on cutting-edge applications such as hydrogen plants, electrolyzers, and nitrogen PSA systems. Leveraging state-of-the-art technologies like alkaline water electrolysis and gas dryers, the company ensures the delivery of efficient and sustainable solutions to its diverse clientele.

Through relentless internal innovation and technology development, ASPE Inc. remains agile in response to industry trends and economic shifts. By actively pursuing new opportunities through global marketing initiatives, the company maintains its reputation as a trusted and forward-thinking leader in the gas engineering sector.

At the core of ASPE Inc.'s success lies its dedicated team of experts committed to delivering maximum value to clients. Looking ahead, the company remains steadfast in upholding the highest standards of excellence and continues to garner support and interest from its

stakeholders.

ASPE Inc. provides end-to-end solutions in air separation and gas purification, offering hydrogen purification technology crucial for blue hydrogen production, and participating in various projects such as biogas development and purification facilities.

For air separation, ASPE Inc. offers PSA (Pressure Swing Adsorption) nitrogen generators in a package format, utilizing carbon molecular sieves (CMS) to effectively separate nitrogen from the air. Additionally, the company is actively involved in green hydrogen production technologies based on biogas and ammonia, contributing to sustainable energy initiatives and environmental stewardship.

ASPE Inc.'s CCUS (Carbon Capture Utilization and Storage) technology is at the forefront of government research on hydrogen purification using petroleum coke. This technology is poised for significant growth, with the impending announcement of the CCUS Act in February 2024, covering the capture, transportation, storage, and utilization of CO₂.

ASPE Inc. remains committed to driving innovation and delivering value-added solutions to clients globally. The company appreciates the ongoing support and interest from its stakeholders and looks forward to continued collaboration for a prosperous future.

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