

Industrial Applications



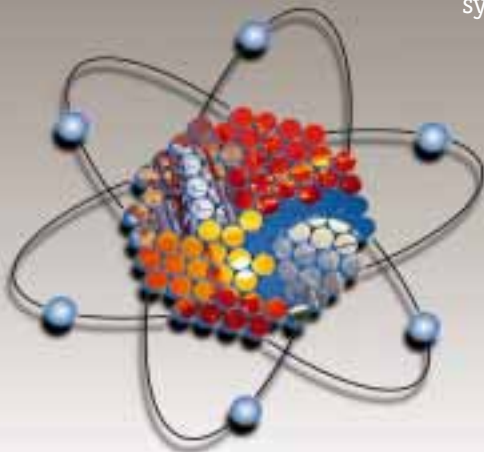
The availability of high flow, low moisture nitrogen with a dilatable purity is a must when designing your plant turnaround, tank commissioning, or any project requiring nitrogen. Until recently, the only source of inert gas has been high purity, liquid nitrogen delivered to site by large tankers from the nearest available nitrogen plant. Nigen International offers a unique solution allowing all your inert gas requirements to be manufactured on site, at your location from inexpensive compressed air.

This new and innovative technology provides the ability to reduce costs, duration, and expensive overruns by allowing Nigen International to manage your inert gas requirements. A revolutionary step forward, on site nitrogen generation can typically provide a 50% cost reduction when compared to liquid nitrogen. These systems are perfect for replacing liquid nitrogen in operations including catalytic regeneration, tank purging, and plant inerting and testing.

On site nitrogen technology is available for use in the form of mobile generation units capable of providing volumes up to 3,000 scf/min at pressures of 300 psig. The manufactured nitrogen can be generated at purities and moisture contents of 95% to 99% and - (minus) 60c respectively.

Each on site nitrogen generation system is a highly portable, self-contained unit that can be provided daily or monthly depending upon your individual requirements or the project scope. These units are provided with a fully trained operator experienced with the system requirements and safety concerns associated with your operation. The rugged, oil-field design and construction of this equipment insures its reliability when working in remote areas. The nitrogen generation systems are designed to operate continually, twenty-four hours a day, seven days a week.

Call Nigen International today to discuss your requirements with an experienced engineer and design a flow timetable, purity pattern, or system to meet your needs. ■



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