



FROSTBYTE

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Cosmodyne's Poplar 1500 Commissioned In El Salvador

In 2008, INFRA de El Salvador purchased Cosmodyne's POPLAR 1500 Air Separation Plant to meet the growing electronic industry demand for high purity gaseous nitrogen as well as to supply industrial gases to local markets. The plant, in production since June, 2010, is located in San Bartolo, El Salvador which is adjacent to the Free Zone (tax free area).

El Salvador is the most densely populated country in Central America with a population of approximately 6 million. The country is located between Guatemala and Honduras and has the third largest economy in the region.

Cosmodyne's POPLAR 1500 plant is a perfect fit for INFRA de El Salvador's needs with the right mix of production capability, efficiency and cost. INFRA de El Salvador needed a plant that delivered high purity nitrogen gas with less than 2 ppm of O_2 as well as liquid nitrogen, oxygen, and argon products. The high purity nitrogen being delivered "over the fence" by pipeline to various customers was a very important requirement to further enhance the economics of the plant. With a standard total capacity of 52 tons per day of liquid oxygen, nitrogen, and argon and 55 tons per day of high purity gaseous nitrogen, the POPLAR 1500 is able to meet all INFRA de El Salvador's production requirements. Furthermore, the POPLAR 1500 is much more efficient compared to other larger plants, which made it the best choice.

The POPLAR 1500 plant also addressed INFRA de El Salvador's transportation concerns. San Bartolo is about 100 miles away from the ports of El Salvador, and transportation of large equipment to San Bartolo is difficult and expensive because of narrow roads and many bridge crossings. The modular design of the plant made transportation easy and minimized freight costs. The entire plant, except for the coldbox, was packed in ten standard ISO containers and was easily transported to San Bartolo from the port in about 24 hours.

INFRA de El Salvador, formerly called Messer of El Salvador, was formed in early 2004 as an alliance between Grupo Mexico



OXGASA, INFRA, and Air Products. These companies have extensive experience in production and distribution of industrial gases. OXGASA is renowned for its leadership in the marketing of equipment and industrial and medical accessories since 1959. INFRA Group is a leading producer of industrial and medical gases, as well as the marketing of welding equipment in Mexico. Air Products is one of the largest industrial gas companies in the world.

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