



REFERENCE



# AIR SEPARATION UNIT PROJECT



*“The pumps are reliable and have a very good quality”*

Cristian Rosca

S.I.A.D. S.P.A. - Bucarest is a branch of the Italian chemical group operating worldwide in the industrial gas equipment for public and private facilities, supplying engineering and healthcare services for several applications.

The full range of products is available across the Countries through a national distribution network and several partners that can guarantee efficient customer support.

**SECTOR:** Chemical

## MAIN NEEDS

Compensate the quantity of water evaporates during the cool dawn process inside the cooling towers, and ensuring constant high water pressure to produce gaseous oxygen.

## SOLUTION

Adopting reliable normalized pump which can guarantee high performances and reliability:  
n.2 **STN 65-160C** - 11.5 kW



# SUMMARY



“We ordered these pumps in December 2007, when the Air Separation Unit from Calarasi – SIAD Romania started its production activity. The main need was to supply additional water to the cooling towers for the normal plant activity, and compensate the evaporation during the chill process. The water from the cooling towers is used to cool down the plant’s equipment.

Another application these pumps are used for is to supply gaseous oxygen. When our plant stops for different reasons, for instance high level of cryogenic liquid Oxygen and Liquid Nitrogen, both pumps are required to be on duty supplying continuously a high flow rate to produce gaseous oxygen. In this case, the water from these 2 pumps is used for our liquid oxygen vaporizers installed in the plant.

***Since 2007 each pump has around 53.500 running hours.***

In February 2018 Six Team supplied us a mechanical seal and ball bearings for one pump. This is the only maintenance done to one of these 2 pumps.

In spring 2019 Six Team supplied us a new pump that we keep on stock as replacement.

***What I can say is that these pumps are reliable and have a very good quality.***

Thank you very much for the support given.

Best regards and success in the activity of your company.”

*Cristian Rosca*

*Plant manager of Air Separation Unit from  
CALARASI – SIAD ROMANIA*



**SIX TEAM**

Via E. Mattei, 25 - Torreglia (PD) - 35038 - ITALY  
[www.sixteam.com](http://www.sixteam.com) - [info@sixteam.com](mailto:info@sixteam.com)

