

ASCO provides independent CO₂ production in Bangladesh

With the purchase of a new ASCO CO₂ hybrid production plant, one of the most popular food and beverage manufacturers in South Asia, based in Bangladesh, has made a future-proofing investment.

An unbroken CO₂ supply cannot always be guaranteed, especially in third world and emerging markets. To avoid costly production downtimes and to control their own competitiveness, the Bengal company decided to invest in its own CO₂ on site production with the acquisition of an ASCO CO₂ system. Thanks to this investment, 1000 kg of liquid CO₂ per hour will soon be produced on the company's premises. The self-produced CO₂ will provide a purity of up to 99.998%. This final liquid purity lies even above the required ISBT quality guidelines and therefore completely corresponds with the requirements of food and beverage standards worldwide.

The fully automatic ASCO CO₂ system is based on latest technology and contains a low concentrated amine solution to extract high-quality, gaseous CO₂ out of generated stack gas resulting from burning fossil fuels. Additionally a special feature of this construction: The customer-specific hybrid plant has also the capability to recover CO₂ from an existing flue gas stream which is already produced during the food and beverage production. All processes happen in the most efficient way and at significantly lower production costs. Thanks to this CO₂ stack gas recovery, the company adds less CO₂ into the atmosphere which reduces the ecological footprint and contributes to the companies goals towards environmental sustainability.

Besides the remarkable economic and ecological aspects, the ASCO CO₂ system provides a flexible layout and an extremely efficient operation with a supplier wide know-how for over 120 years.

The new plant will be in operation in Bangladesh by the client and ASCO engineers later this year.

About ASCO

Swiss ASCO CARBON DIOXIDE LTD is a provider of complete CO₂ and dry ice solutions with customers worldwide. The product range goes from CO₂ production and recovery plants, recovery from waste products with highly concentrated CO₂ to CO₂ recovery from biogas. The plant capacity depends on the type of installation and goes from 35 kg/h to 15.000 kg/h.

Furthermore we provide you with dry ice blasting units, dry ice production machines, CO₂ cylinder filling systems, CO₂ vaporisers, CO₂ storage tanks, CO₂ dosing systems for water neutralisation and various other CO₂ and dry ice equipment. Thanks to this broad product range and more than 120 years of practical experience in the wide field of CO₂ and dry ice, customers benefit from individual, complete CO₂ solutions from a single source. Since 2007 ASCO has been part of the international industrial gas enterprise Messer Group and is its competence centre for CO₂. By joining forces with the German BUSE Gastek GmbH & Co. KG, based in Bad Hönningen, in the year 2014, the expertise and product portfolio was pooled and significantly expanded. This applies in particular to the complex field of CO₂ recovery. www.ascoco2.com

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