

PRESS RELEASE

ASCO provides Coca-Cola supplier Messer BH Gas with a 2 tons/hour CO₂ recovery plant

The acquisition of an ASCO CO₂ Recovery Plant for natural sources pointed gas supplier Messer BH Gas the way to an exclusive contract for supplying high-quality carbon dioxide to Coca-Cola in Bosnia-Herzegovina. The system, developed by ASCO, recycles CO₂ from an earth source and prepares it for further carbonation of the globally popular beverage classic.

As a subsidiary of the international gas company Messer Group, Messer BH Gas supplies countless customers in Bosnia-Herzegovina with a wide variety of industrial gases. ASCO CARBON DIOXIDE LTD, also a Messer subsidiary, specializes in the recovery of carbon dioxide from various sources. Therefore, it was a good coincidence that Messer BH Gas and ASCO joined forces for the ambitious goal of becoming the exclusive CO₂ supplier for Coca-Cola in Bosnia-Herzegovina. To supply the required quantities of high-quality carbon dioxide, Messer BH Gas invested in a modern ASCO CO₂ Recovery Plant. In this case, the CO₂ raw gas is extracted from an earth source. For this purpose, a well of up to 500 m is drilled into the soil. Thereupon, warm thermal water of 38°C as well as a high proportion of CO₂ gas leak out into the air. Directly at the outlet of the well is a precipitator for separating the gas from the thermal water. The raw gas is then transported via a 200 m long pipeline to the ASCO CO₂ Recovery Plant. In different purification steps, the CO₂ is purified of various contaminants such as sulfur compounds and various hydrocarbons and then completely recovered and processed. In the case of Messer BH Gas, the processed carbon dioxide fully complies with the specification of the ISBT and the high purity standards of the Coca-Cola Company, which are regularly controlled by an independent laboratory. The recycled CO₂ is then delivered to Coca-Cola for flowing into their beverage production as well as to other customers. The remaining thermal water is used for agriculture purposes.

ASCO Managing Director Marco Pellegrino is proud that Messer BH Gas has chosen ASCO as its partner for the implementation of the large-scale project and knows the reasons: "In the complex field of CO₂ recovery, we are able to meet the economic and ecological customer needs with innovative solutions. Thanks to our ASCO CO₂ Recovery Plant, Messer BH Gas is able to meet the strict CO₂ delivery times of the Coca-Cola Company. Furthermore, Messer BH Gas incidentally improves its CO₂ balance."

In addition to the CO₂ recovery from earth sources, biogas, ethanol or methane fermentation, ASCO is also a specialist in the field of CO₂ stack gas recovery or for the CO₂ recovery from waste products with highly concentrated carbon dioxide. For ASCO, CO₂ recovery options and ecological approaches are always tied together, "because today, no one can deny the importance of sustainability," concludes Pellegrino.

The delivery and commissioning of the ASCO plant system took place in autumn 2017.

Captions:



Picture 1 –ASCO CO₂ liquefaction plant (left) and ASCO CO₂ compressor station (right)

About ASCO

Swiss ASCO CARBON DIOXIDE LTD is a provider of complete CO₂ and dry ice solutions with customers worldwide. The product range includes CO₂ Production and CO₂ Recovery Plants, 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 130 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. In July 2016, the US subsidiary ASCO CARBON DIOXIDE INC (ASCO Inc.), based in Jacksonville/Florida, was founded. ascoco2.com

For further information, please contact:

ASCO CARBON DIOXIDE LTD

Simone Hirt

Head of Marketing & Communication

T +41 71 466 80 53

simone.hirt@ascoco2.com