



SeaSOx hybrid scrubber: Largest hybrid scrubber installed at Chengxi Shipyard on container vessel operated by the Dole Food Company

The American shipowner Dole has ordered hybrid scrubbers to be installed in Q1 2021 for two of its newly built vessels. Even in difficult times, with the challenges resulting from Covid-19, it was possible to deliver and install the scrubber on the first vessel (CX4330) right on time. This hybrid scrubber was the largest – with an outer diameter of 4.1 m and an overall footprint of about 7.1 m by 4.1 m – ever to be installed in Chengxi Shipyard's shipbuilding history. Installation of the second scrubber on the second vessel (CX4331) will follow within the next two months.

ANDRITZ AG, as supplier, was responsible for engineering and delivery of all the main equipment, such as the bypass (U-type) scrubber tower, pumps, separator, heat exchanger, valves, NaOH dosing skid, CEMS and I&C. Additionally, ANDRITZ AG was responsible for the environmental performance certification under the supervision of the DNV GL classification society.

The ANDRITZ AG SeaSOx system will treat the exhaust gas from one main engine and four auxiliary engines to fulfill the MARPOL requirements.

The vessel is scheduled to operate between Costa Rica and the USA.