



REF:INABB:STATUT:LODR:PRESS REL:

September 7, 2021

BSE Limited
P.J. Towers
Dalal Street
Mumbai 400 001
(Attn : DCS CRD)

National Stock Exchange of India Ltd
Exchange Plaza, 5th Floor
Plot No. C/1, G Block
Bandra-Kurla Complex, Bandra (E)
Mumbai 400 051

Attn: Listing Dept.

Dear Sirs

Sub: Press Release

We are sending herewith a copy of Press Release, which is being issued by the Company today to the media, for the information of the Stock Exchanges, as required under the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015.

Thanking you

Yours faithfully
For ABB India Limited

T K Sridhar
Chief Financial Officer

Encl: as above

BENGALURU, INDIA, SEPTEMBER 7, 2021

ABB drives enhance safety and energy efficiency at Bharat Biotech's Covaxin manufacturing facility

- ABB drives play a key role in the clean room infrastructure of Bharat Biotech, India's first indigenous Covid-19 vaccine manufacturer.
- Inbuilt application functions of ABB's ACS560 drives help in maintaining the right environmental condition.
- The drives are easy to commission, use and ensure higher energy efficiency.

Manufacturing of vaccines is a complex process and needs a clean room environment to deliver the desired output. Clean room manufacturing environments are utilized as a part of specialized industrial production or scientific research and require high levels of flexibility, safety, and performance. Proper temperature, humidity, airflow, air pressure (positive or negative), and other conditions are mandatory to provide a safe vaccine without any risk of contamination.

ABB's ACS560 drives are playing a vital role in Bharat Biotech's clean room infrastructure, where the company manufactures 'Covaxin', India's first indigenous vaccine for Covid-19. Bharat Biotech supplied 20 million doses for the national vaccination roll-out in April and is targeting to produce 700 million doses per year.

ACS560 drives help in sustainable and safe manufacture of vaccines

"Domestic production of medicine and vaccines has become imperative at this stage of the pandemic. Our endeavor is to support our customers and other stakeholders with our products and solutions and ease the process," said A.R. Madhusudan, President, Drive Products, Motion India. "Part of ABB's all-compatible drives portfolio, the ACS560 is easy to commission, use and enables higher productive use of energy. Our drives are also installed at other pharmaceutical companies in India, which are manufacturing Covid-19 vaccines for the country," added Madhusudan.

One of the most critical aspects of clean room HVAC systems is air filtration. Not only do these systems control temperature, humidity, and air pressure, they also control the ventilation within the clean room, including the direction, speed, and filtration of air as it flows into and out of the space. The inbuilt application functions of ABB drives help in maintaining the right environmental condition at Bharat Biotech's vaccine manufacturing facility. It also helps in saving energy by running the motors at partial loads. ABB India's channel partner, Microsys Automation, has supplied and commissioned the drives.

Manufactured at ABB India's Peenya facility, the scalable, user-friendly and reliable design of ACS560 ensures effortless commissioning and operation in challenging conditions. Offered as a part of ABB's all-compatible drives portfolio, the ACS560 is fit & play ready to control customer's pumps, fans, compressors, mixers and many other variable and constant torque applications. The drive uses protective coated circuit boards and individual air-cooling lanes, all 3-phase current measurement to help ensure highest performance, high reliability and a long lifetime. The integrated features such as EMC filters and PID control loops lead to a reduction in needed space and help in easy installation. The drive's power loss ride-through capability allows it to operate during short supply power outages, which is an important feature for controlling critical processes.

ABB (ABBN: SIX Swiss Ex) is a leading global technology company that energizes the transformation of society and industry to achieve a more productive, sustainable future. By connecting software to its electrification, robotics, automation and motion portfolio, ABB pushes the boundaries of technology to drive performance to new levels. With a

history of excellence stretching back more than 130 years, ABB's success is driven by about 105,000 talented employees in over 100 countries. www.abb.com

ABB Motion keeps the world turning - while saving energy every day. We innovate and push the boundaries of technology to enable the low-carbon future for customers, industries and societies. With our digitally enabled drives, motors and services our customers and partners achieve better performance, safety and reliability. We offer a combination of domain expertise and technology to deliver the optimum drive and motor solution for a wide range of applications in all industrial segments. Through our global presence we are always close to serve our customers. Building on over 130 years of cumulative experience in electric powertrains, we learn and improve every day.

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