

EZ electric actuators to modernize a steel plant in Germany

Bernard Controls recently provided a hundred 24 VDC quarter-turn electric actuators, EZ15 models with LOGIC integrated control, to AG der Dillinger Hüttenwerke Europe's leading producer of heavy plate located in Germany.

Indeed, following local fireworkers regulatory inspection, there was a need to upgrade the hydraulic system of the plant. Amongst the requirements, two main points were decisive: First, the motor had to run with a low starting current to match emergency power supply conditions. Then, it was necessary to receive signaling coming from the actuator.

Considering this standard application with moderate environmental and operational conditions, the FIRST BC product range appears as the best solution. Committed to Strong Customer Support, Bernard Controls' teams offered to send a sample of EZ15 actuator for tests directly on site. Eventually, current rated was satisfying and matched perfectly customer's expectations. In case of power outage, valves would keep on running correctly thanks to battery back-up. The LOGIC integrated control satisfies to the second request. This cost and time saving solution guarantees easier commissioning and simplified settings thanks to the local display, integrated local commands.

Thus, Bernard Controls' solution was approved by both end user and fireworkers coordinating the project, who also confirmed their will to re-use this solution on other sites in the coming years.



EZ15 Models with LOGIC integrated control

About BERNARD CONTROLS

BERNARD CONTROLS designs & manufactures electric actuators and control systems for industrial valves' automation. Global leader in the nuclear market, BERNARD CONTROLS is one of the main actors in the global actuation business.

BERNARD CONTROLS is present all over the world and coordinates its activities within 4 Operating Areas which gathers 16 Operating Units in Americas, Asia, Europe and India / Middle- East / Africa. Our 3 Manufacturing Units are located in China, France and in the United States. The Group also relies on more than 50 agents and distributors throughout the world. Leader in the nuclear market, BERNARD CONTROLS is also the close partner of challenging sectors such as Power generation, Water, Industry, Oil & Gas. Its solutions are suitable for all applications from on-off to high duty fast and precise modulating. The company's products & organization have been certified according to main international standards (ISO 9001 - ATEX, INMETRO, EAC, IECEX, INERIS, BUREAU VERITAS - CSA, FM, NEMA 7 and 9, TÜV...) and approved by the largest prime contractors & industrial players worldwide (ADNOC, ALSTOM POWER, AREVA, BLUE CIRCLE, BUREAU VERITAS, ENEL, EDF, ESKOM, ENGIE, GAZPROM, KNPC, KOC, LAFARGE, NIOC, PETROBRAS, QATAR PETROLEUM, SAUDI ARAMCO, SHELL, SOFRESID, TRACTEBEL, TECHNIP, TOTAL, VEOLIA...).

