

## BERNARD CONTROLS equipped an oil storage depot in Douala (Cameroon)



End of 2014, BERNARD CONTROLS delivered and setup more than 120 explosionproof quarter-turn actuators (SQX models) with INTELLI+® intelligent integrated control, to automate an oil depot fire protection located in Douala (Cameroon) for SCDP (Société Camerounaise des Dépôts Pétroliers).

SCDP Douala oil storage depot is one of the 13 oil storage depots of the Company. There, they needed to automate their fire protection system. The installation is now fully operational to divide the deposit into five areas to meet different fire scenarios. SCDP chose BERNARD CONTROLS for its global solutions in automation. BC's technicians also provided the company with technical on-site support to set up a Master Station fieldbus solution.

Thus, two Master Station MS102 ensure Profibus communication with all the actuators which are connected with line redundancy for enhanced reliability. Indeed, thanks to line redundancy, the solution overcomes the risk of cut wires by doubling the line. If the first line fails, the communication automatically switches to the second one and a fault is reported. Furthermore, redundancy is also ensured at field unit level (INTELLI+® controls) by redundant Profibus interfaces on the SQX models.



BERNARD CONTROLS' success with SCDP project has been assisted by customers' previous experiences with BC solutions and by the local support of its international sales and service teams.

---

### 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 relies on a strong international network based on 11 Operating Units in Asia, in Europe, in the Middle East and in the United States; as well as more than 50 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, GGTN, 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, GAZ DE FRANCE, GAZPROM, KNPC, KOC, LAFARGE, NIOC, PETROBRAS, QATAR PETROLEUM, SAUDI ARAMCO, SHELL, SOFRESID, TRACTEBEL, TECHNIP, TOTAL, VEOLIA...).

