

Alcad batteries to ensure reliable starting of SPP Pumps' fire pumps in safety critical offshore installations



April 8, 2014 – Alcad, world-leading supplier of battery systems for standby power, is supplying batteries to deliver vital starting power for the diesel engines at the heart of SPP Pumps' latest high specification water and fire pumps. The Alcad batteries will feature on three of the new fire pump systems already ordered by BP for its flagship Quad 204 FPSO (floating production storage and offloading) project in the North Sea, off the Scottish Coast.

SPP Pumps is a leading manufacturer of centrifugal pumps and pump systems for industrial sectors including oil and gas, water, chemical, pharmaceutical and other industries and in March 2014 it was named Manufacturer of the Year for the second consecutive year by the British Pump Manufacturers' Association.

Alcad is a long-term supplier of backup power and engine starting batteries for SPP Pumps, helping to ensure safe, reliable and instant operation in challenging environments. In this application, Alcad's XHP nickel-based batteries provide the high level of cranking power to start the large diesel engines that drive fire protection pumps in the oil and gas industry. Absolute reliability is a key requirement for SPP Pumps to ensure safety of personnel and minimize lost production in emergency situations.

Alok Kirloskar, SPP Pumps' Managing Director said: *"Any incident that results in loss of production from an offshore facility can cost an operation millions of dollars. So it is absolutely vital that every safety critical system functions perfectly when called upon, which is why we put our trust in Alcad batteries for reliable starting of our water and fire pumps."*

Bill McKenzie of Alcad said: *"We have developed a long standing relationship with SPP Pumps because they rely on Alcad batteries to deliver the high performance, long life and low maintenance required for safety critical applications. Furthermore, our comprehensive technical and engineering support provides the flexibility to design battery systems to meet SPP's specific requirements, including sizing to suit different engine types, delivery to demanding offshore installations, product certification and any training required."*

The latest SPP Pumps installation is for BP's Quad 204, an ambitious project to construct a new FPSO to replace the existing Schiehallion FPSO. This will include an extension of the existing subsea system with 15 new and replacement flow lines and 21 new and replacement risers as well as the addition of 14 new wells to the 52 existing ones.

Between 20 to 40 Alcad XHP batteries will be fitted on the three SPP fire pumps for the Quad 204 project. The XHP design is ideally suited for this application as it is optimized for diesel engine starting, operating reliably in extreme temperatures, resisting salt-laden humid atmospheres and mechanical shocks and vibration.

About Alcad

Alcad (www.alcad.com) has long been recognized as one of the world's leading suppliers of standby power thanks to its extensive range of battery types, all designed to deliver power, safety and reliability. Alcad's unrivaled advantages: reliable cutting-edge technology products, global reach of services, uncompromising focus on quality and over a century of experience. Alcad makes the essential task of sizing, ordering and installation easy. Whatever your location, the friendly and responsive after-sales service, the reliable products and Alcad's motivated and enthusiastic team support you from the start with an uncompromising focus on quality. Alcad's production sites benefit from over a century of knowledge and experience in nickel-cadmium battery production to supply today's global advanced technology battery market.

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