

# **DNV GL awards first Functional Safety Certification to Rockwell Automation Ltd**

**Following the launch of DNV GL's service specification for Functional Safety Certification, which can be applied to all electronic or programmable systems with safety functions, the company has issued its first Functional Safety Certificate against DNVGL-SE-0141 to Rockwell Automation Ltd.**

The certificate demonstrates compliance to IEC 61508 and IEC 61511. IEC 61508 is the international standard for electrical, electronic and programmable electronic safety related systems. It sets out the requirements for ensuring that systems are designed, implemented, operated and maintained to provide the required safety integrity level (SIL) against a defined unwanted hazardous event. IEC 61511 specifically covers the requirement for process industries.

Joe Quinn, Director of the Global Oil & Gas Solutions Business, Rockwell Automation says: "The DNV GL certification of our life-cycle execution approach provides our customers with reassurance that Rockwell Automation is committed to providing the highest standard for functional safety solutions whilst also achieving the lowest total cost of ownership over the solution life time."

The international standards for Functional Safety, such as IEC 61508, IEC 62061 and IEC 61511, do not define certification as a mandatory requirement. However, a demonstration of compliance is necessary, and certification is increasingly being seen as a more beneficial way of showing compliance through an independent assessment by a third party.

Andrew Derbyshire, Principal Safety Engineer with DNV GL UK Ltd adds: "The key advantages to certifying a product, system or process against the International Standards for Functional Safety are that it is increasingly being seen as a contractual requirement. Certification gives a competitive edge and helps to develop more rigorous design and development processes through a third party periodic assessment. However, key to the process is that it gives reassurance to stakeholders."

Hari Vamadevan, DNV GL Regional Manager UK & West Africa, Oil & Gas concludes: "The implementation of effective functional safety is invaluable in ensuring that safety critical control and protective systems are appropriately specified, designed, installed and maintained. As the first recipients of this new certification, Rockwell Automation Ltd understands that good practice in this field can help optimize test regimes, increase plant availability and reduce maintenance workload, and we look forward to certifying more companies in the future."

**For more information, please contact:**

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**About DNV GL**

As of 12 September 2013, DNV and GL have merged to form DNV GL. Driven by our purpose of safeguarding life, property and the environment, DNV GL enables organizations to advance the safety and sustainability of their business. We provide classification and technical assurance along with software and independent expert advisory services to the maritime, oil & gas and energy industries. We also provide certification services to customers across a wide range of industries. With our origins stretching back to 1864, our reach today is global. Operating in more than 100 countries, our 16,000 professionals are dedicated to helping our customers make the world safer, smarter and greener.

**About DNV GL - Oil & Gas**

In the oil and gas industry, GL Noble Denton and DNV's Oil & Gas business have joined forces to enable safe, reliable and enhanced performance in projects and operations. We provide a broad range of services, such as technical assurance; marine assurance and advisory; risk management advisory and offshore classification. Our 4 000 employees combine industry expertise, multidisciplinary skills and innovation to solve complex challenges for our customers. Together with our partners, we drive the industry forward by developing best practices and standards across the asset lifecycle.

**About Rockwell Automation Global Solutions Business**

Rockwell Automation, Inc. (NYSE:ROK), the world's largest company dedicated to industrial automation and information, makes its customers more productive and the world more sustainable. Headquartered in Milwaukee, Wis., Rockwell Automation employs approximately 22,000 people serving customers in more than 80 countries. With a focus on always putting customers first, Rockwell Automation helps its oil and gas customers achieve a competitive advantage by taking ownership of delivering fully Integrated Control, Power and Safety Solutions executed with Rockwell Automation taking the Main Automation Contractor role. Our industrial automation, information technology and intelligent motor control capabilities, combined with strategic partnerships, enables us to meet our Customers productivity objectives across the entire project life-cycle.