

## **Press Release**

**For immediate release**

**October 2014**

### **CHALWYN Tri-Certified Flameproof Alternators**

Standard automotive type alternators are a continuous potential source of ignition when operated in hazardous atmospheres where combustible concentrations of gas, vapor or dusts may exist.

The Chalwyn flameproof alternators are ATEX and IECEx certified for hazardous Zones 1 or 2, NEC 500 Division 2 and NEC 505 Zone 2. This revised international 'tri-certified' upgrade is a significant benefit for companies who move their machinery between USA, Europe and other defined international zones.

Corrosion, fluid, dust and debris can reduce the performance and durability of your alternator; however, the rugged sealed design of these alternators improves the reliable output even in harsh environments and so can extend the life of your equipment.

Help keep your employees safe and protect the environment and your equipment by replacing the original type with one from the Chalwyn range of alternators.

#### **ASX-200 Series**

The ASX-200 Series of 12 volt Flameproof Alternators are battery excited and designed to be a direct replacement for non-flameproof alternators used on diesel engines. Some adjustments to mounting brackets and belt tensioning link may be necessary. The alternator rear cover can be rotated to provide several possible cable entry positions for convenience in wiring connections.

The ASX-200 Series is suitable for a local ambient temperature range between -30°C and +55°C and maximum output demand should not exceed 50 amps.

#### **ASX-300 Series**

Similar to the ASX-200 Series, the 24 volt range of ASX-300 Series Flameproof Alternators have many of the same characteristics with the differences as follows: Available as either Externally-Excited ASX-300 or Self-Exciting ASX-310 models that do not require a battery or external power source. The maximum output demand should not exceed 25 amps.

Both ASX-200 and ASX-300 are available with side and rear cable entry options. Chalwyn offer a wide range of optional pulleys of different belt sections and diameters to allow operation on both fixed speed and variable speed engine applications



## About Chalwyn

Chalwyn is a leading manufacturer of safety products for diesel engines which are required to operate either in hazardous areas where combustible gas, vapors or dust may exist, or in situations demanding special safety precautions.

Following the introduction of the original and very successful 'CHALWYN D VALVE' in 1972, the Chalwyn diesel engine safety product range now includes automatic over-speed air and fuel shut off valves, air pressure, oil pressure, manual and electrically operated air intake shutdown (shut off) butterfly type valves, flameproof alternators, exhaust spark arrestors and complete engine monitoring and automatic shutdown systems.

Contact us for more information at +44 (0) 1284 715739 or email [sales@chalwyn.com](mailto:sales@chalwyn.com). For a list of our international sales offices and distributors, visit [www.chalwyn.com](http://www.chalwyn.com) and click on "Find Local Distributor".

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