

Encoder Technology

Press Release

For Immediate Release

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Intrinsically Safe Encoders, A Lower Cost Alternative to Explosion Proof Encoders

Encoder Technology provides Intrinsically Safe encoders to the Oil Exploration and Petroleum Processing industries. These encoders can also be ATEX certified to meet all requirements of Annex 11, Part A and B of the 137 ATEX Directive 99/92/EC and ATEX 100a, 94/9/EC.

Intrinsically safe encoders, when applied with the appropriate IS barrier, will not cause ignition or explosions when operated in volatile environments such as those containing ignitable vapors, liquids, flammable gases, dust, or fiber.

Intrinsically Safe encoders have many advantages over Explosion Proof encoders which allow an explosion to occur but contain the explosion. In addition, since Explosion Proof Encoders generally contain an encoder within a second housing the Intrinsically Safe encoder is frequently less expensive to procure and is more reliable.

In addition to Oil Exploration and Petroleum Processing, mining, grain process and storage, painting, and other industries that use vapors and solvents, apply Intrinsically Safe Encoders in applications requiring personnel and equipment safety and extremely high reliability.

This compact, robust Encoder series design **IS20** and **IS25** are based on Encoder Technology's proven HD2.0, HD2.5 and HS20 product line, which has become the new industry standard for meeting stringent environments. With 100 lb. Axial and Radial Bearings, -40 to +100C temperature range and unique labyrinth double sealed housing design, these shafted and hollow shaft designs are widely used in industrial and harsh environment applications.

Headquartered In Cottonwood Arizona, Encoder Technology designs, produces and markets standard and custom Optical Encoders for use in Food Processing, Pharmaceutical, Petrochemical, Heavy Rail, Wind Power and other extreme duty and volatile applications. Visit Encoder Technology on the Web at www.encodertech.com or e-mail to sales@encodertech.com.