

## ABB introduces equipment protection level markings on full range of low voltage Ex motors

### **Equipment protection levels (EPLs) mean greater flexibility for motor users**

Hannover, April 23, 2012 – ABB is the first manufacturer to provide EPL markings on a full range of low voltage Ex motors. EPL markings indicate the inherent ignition risk associated with electrical equipment, regardless of its protection type. They have been introduced to make it easier to select equipment for hazardous areas when applying an extended risk assessment approach that takes into account the consequences of a possible explosion.

The new approach, which has been made possible by the latest revisions of the IEC/EN 60079 series of standards, recognizes that there may be occasions when the protection against ignition sources should be increased above or can be decreased below normal levels. This gives plant operators more flexibility in deploying motors in hazardous areas.

ABB has re-certified its full range of IECEx / ATEX low voltage motors to the latest revisions of the IEC and EN standards. The range covers 0.55 - 950 kW in frame sizes 80 – 450. The motors are built on a platform that provides the flexibility needed in the chemical, oil and gas industries, and meets the requirements of large end users both on- and offshore.

Standards and regulations continue to evolve. ABB works hard to stay ahead of new developments and updates its products to ensure they provide full compliance. Customers can therefore be confident that ABB motors meet all the latest global and local requirements.

### **Figure:**

HM 2012\_05.jpg:

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### **Contact for further information:**

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