

# **PYROBAN®**

## **How the new ATEX Directive changes affect explosion protected forklift supply**

### **WHITE PAPER**

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# NEW ATEX DIRECTIVE – 2014/34/EU

# PYROBAN®

The current ATEX Directive 94/9/EC is being replaced by the new ATEX Directive 2014/34/EU from 20th April 2016.

The new Directive is introduced as part of a full review of many EU Directives to bring them in line with a New Legislative Framework which drives consistency across Directives.



## HOW SIGNIFICANT ARE THE CHANGES?

The fundamental basis of the ATEX Directive is not changed. Essential Health & Safety Requirements (EHSRs) remain the same, the equipment categories used to define the different explosion protection levels (2G, 3G, 2D, 3D etc.) are unaffected, and the certification procedures remain as today.

Manufacturer self certification is still permitted for Category 3 equipment for use in zone 2 and zone 22 applications.

The New Legislative Framework does place a higher emphasis on market surveillance and the expectations of EU member states to better police the markets.

## HOW DOES THIS AFFECT CERTIFICATION?

New products placed on the market from 20th April 2016 will state the new ATEX Directive number 2014/34/EU on documentation instead of 94/9/EC.

Also component level certificates issued after 20th April will be titled EU Type Examination Certificate instead of the current title of EC Type Examination Certificate.

Components certified to 94/9/EC remain valid under 2014/34/EU and do not need to be re-certified.

The content of the EU Declaration of Conformity is revised in the new Directive, so you will see differences compared to current certificates.

## DOES THE CHANGE AFFECT AFTER SALES ACTIVITIES?

The ATEX Directive, like other Directives, controls the requirements for the placement of product into the market for first time use, i.e. when new. Therefore, after sales activities are not directly affected by the new ATEX Directive.

However, as an end user, it is important that Ex equipment is maintained adequately to ensure that the safety levels are not compromised during the lifetime of the equipment in service. As equipment becomes old the "Justification for Continued Use" is a responsibility of the end user.

Maintenance by competent persons and periodic audits by "other" persons is the basis for assuring the equipment's suitability for use in potentially explosive atmospheres.



## WHAT IS THE STATUS OF THE NEW REVISION TO EN1755 FOR FORKLIFT TRUCKS?

The new revision of EN1755 was issued in November 2015 and has an effectivity date of November 2017 i.e. a 2 year transition timeline.

There are a number of differences in the new EN1755 revision compared to the current version, some providing more clarity on requirements, some increasing the requirements and some simplifying the requirements.

## CONTACT PYROBAN FOR MORE INFORMATION

### ABOUT PYROBAN

Pyroban provide explosion protection solutions for materials handling equipment and diesel engines.

For over 40 years we have been at the forefront of the industry developing products to protect your people, your site and equipment when operating in hazardous & added safety areas.

### QUALITY

Additional to the ISO9001:2015 quality standard certification, each Pyroban Group company attains the required level of 3rd party certification for the business markets it serves including ATEX, IECEx, GB and NEC.

**T: +44 (0)1273 456800**  
**[www.pyroban.com](http://www.pyroban.com)**