

Lighting from Technor Benelux

The Peroxide plant of Kemira in Europoort (Rotterdam, The Netherlands) is built in 1990. During construction it was decided to use the traditional explosion proof lighting fixtures with the well-known polycarbonate covers.

Defective fluorescent lamps were changed by the production operators till a few year ago whenever there was some spare time.

Due to the fact of expansion of the tasks the available time was getting less and it was decided to outsource these responsibilities.

The technical life time of the luminaires was at its end and the lighting output very low as a result of the discoloration of the polycarbonate covers.

Kemira's goals was to replace the lighting fixtures by using lighting fixtures which were maintenance friendly and having sufficient light output.

By coincidence I got in contact with Technor Benelux. This company manufacturers a so-called maintenance free lighting fixture with almost a constant light output during its lifetime.

Charles Boekhout, account manager of Technor Benelux, demonstrated this lighting fixture and offered 20 TNAML® 2x36W.

During autumn 2012 we installed these lighting fixtures on one of the floors..

The lighting fixtures are very easy and quickly installed in case of replacements or during development / expansion in new buildings. Using the connection box on the lighting fixtures on both sides it is no longer necessary to loop the lighting fixtures as this is already incorporated in the lighting fixture. The adjustable mounting brackets always fit, making difficult adaptors and/or additional brackets obsolete.

Technor Benelux gives a 10 year warranty on these maintenance free lighting fixtures (the fluorescent lamps do not have to be replaced), offering Kemira enormous saving on the maintenance costs.

Reaction from the installer: 'I have never replaced a lighting fixture before that was so quickly and easy!'

Reaction from a production operator: 'did someone add lighting fixtures here? There is so much light!'

In 2013 Kemira will continue to install these lighting fixtures on another floor in the factory which is also classified as hazardous area.

After that, Kemira intends to adopt the Technor Benelux lighting fixtures for the non-hazardous areas as well.

As responsible for the E&I maintenance, projects and installations I am pleased to say that the lighting fixtures of Technor Benelux meet the goals set out by Kemira.

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