



## HSE Safety Alert – ATEX Lighting Products

13<sup>th</sup> March, 2017

The UK Health and Safety Executive (HSE) posted a Safety Alert to their website on February 6th, dated January 10th, relating to specific Hadar Lighting products manufactured by the A-Belco Group during the years 2006 – 2016, intended for use in potentially explosive atmospheres. One of the products affected by this Safety Alert is the HDL106 LED Floodlight. Wolf Safety has been purchasing a version of this product since the year 2009 and selling it, under an ATEX Trade Agent Certificate issued by Notified Body CSA-Sira, as the Wolf WF-300 LED Floodlite.

HSE advises that:- *“Testing of sample products by a Notified Body has identified that they do not meet the required standards for impact resistance and ingress protection or the Essential Health and Safety Requirements of the ATEX Directives (94/9/EC and its replacement 2014/34/EU) based upon the temperature ranges communicated for this range of light fittings. As such they are not considered to comply with the Directive (or the UK implementing Regulations “The Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 1996” (SI 1996-192)).*

*Consequently, these luminaires may present a source of ignition that could result in a fire or explosion when used in potentially flammable atmospheres identified under the Dangerous Substances and Explosive Atmospheres Regulations 2002 (DSEAR). They may also fail to operate safely or effectively when used in wet or dirty environments.”*

### Action required

**HSE recommended actions** resulting from this alert **correspond with existing user advice given by Wolf Safety within the instruction manual supplied with every WF-300 LED Floodlite.**

Visually inspect every WF-300 LED Floodlite to ensure that the polycarbonate lens and seal fitted to the lens are performing correctly and are not damaged, ensuring there is no moisture or water contamination inside the lamp. If the LED panel is clean and dry the lens seal is working effectively (seal is white or grey in colour). The Polycarbonate lens should be free from cracks and chips, this includes the area around the securing screws.

If the WF-300 LED Floodlite lens is intact and there no sign of internal moisture the lamp can continue to be used. A regular inspection programme must be carried out to ensure the polycarbonate cover does not become damaged and the lamp subject to water ingress. This standard process of inspection is required as part of the routine inspection and maintenance for portable electrical “Ex” products as defined in EN60079-17 (Explosive atmospheres. Electrical installations inspection and maintenance) and referenced in the WF-300 LED Floodlite 'Operation and Maintenance Instructions', part number WF-429.

Should a WF-300 LED Floodlite be subject to lens damage or water ingress, withdraw the unit from use immediately and quarantine in a safe area. Contact Wolf Safety for further information and availability of replacement parts, by email [info@wolf-safety.co.uk](mailto:info@wolf-safety.co.uk) or telephone +44 114 255 1051.

<http://www.hse.gov.uk/safetybulletins/atex-lighting.htm>

[http://www.wolf-safety.co.uk/downloads/405/Wolf\\_Safety\\_LinkEx\\_LED\\_Floodlite\\_Instructons\\_-\\_WF-429\\_Issue\\_16.pdf](http://www.wolf-safety.co.uk/downloads/405/Wolf_Safety_LinkEx_LED_Floodlite_Instructons_-_WF-429_Issue_16.pdf)