

DATE: May 13, 2015

TITLE: NEW ATEX REGULATION THAT STARTED ON APRIL 2, 2015

PRODUCTS AFFECTED: PELI ATEX LIGHTS (Zone 0 / Zone 1)



DETAILS:

ATEX is having important changes to its legislation in 2015. The current revision was withdrawn April 2nd, 2015, date after which any light certified against this current standard that was not already present on the EU sole will not be ATEX compliant. With this change manufacturers have to modify and update the ATEX approved lights to make them compliant to the new release of the regulation. At Peli we are adapting our range of over 16 ATEX lights to the new changes.

The Changes of the New 2015 ATEX Regulation:

Depending on the lights and Zones, some of the more important changes are the need to mold in anti-static plastic material or apply anti-static coating to parts of the lights, in order to successfully approve the test. These changes may imply modifications of the light output depending on the model, but Peli guarantees that the light remains powerful to effectively illuminate while eliminating all risks for users when using the lighting solution. These updates vary for Zone 0, 1, & 2 lights and also by gas groups, and ensure the safest solutions for volatile environments.

About the ATEX classification – Hazardous Area Electrical Guidelines:

	SUBSTANCE	TYPICAL ENVIRONMENTS	EUROPEAN CLASSIFICATION	VOLATILITY*
CLASS 1	Flammable Gasses, Vapors or Liquids (Acetylene, Hydrogen, Ethylene, Propane)	<ul style="list-style-type: none"> - Oil Refinery - - Paint Warehouse - - Offshore Oil Rig - - Spray Booth - 	Category 1 / Zone 0 (Hazard Certain)	MOST ↑ ↓ LEAST
			Category 2 / Zone 1 (Hazard Likely)	
			Category 3 / Zone 2 (Hazard Not Likely)	
CLASS 2	Combustible Dusts (Metals [Div.1 only], Coal, Grain)	<ul style="list-style-type: none"> - Coal Mine - - Grain Silo - - Munitions Factory - - Hay Storage Facility - 	Category 1 / Zone 0 (Hazard Certain)	
			Category 2 / Zone 1 (Hazard Likely)	
			Category 3 / Zone 2 (Hazard Not Likely)	
CLASS 3	Ignitable Fibers & Flyings (Machined Magnesium)	<ul style="list-style-type: none"> - Paper Mill - - Woodworking Facility - - Textile Mill - - Cotton Gin - 	Category 1 / Zone 0 (Hazard Certain)	
			Category 2 / Zone 1 (Hazard Likely)	
			Category 3 / Zone 2 (Hazard Not Likely)	