

**STAY PROTECTED**

# Your Guide to New EU 2016/425 Regulations



## WHAT YOU NEED TO KNOW

**Beginning April 21, 2019, compliance with the new EU PPE Regulation (EU) 2016/425-EC will become mandatory for CE marking and sale in the EU.** In response, the three PPE notified bodies accredited for CE marking of PPE for Class III Ionizing Radiation Products, SGS, BTTG and TuV-Sud, have collectively modified their use of un-harmonized sub-standards (IEC 61331:2014, Parts 1 and 3). This ensures improved protection testing (mm Pb/LEV) over a wider range of kV beam qualities in broad beam and required weight testing of the same samples, with improved garment labeling and manufacturer documentation.

**The IEC 61331-3:2014 standard (Section 3.1) requires the declaration of area-weight, called "area density" or "Ws" value (kg/sq m), to be clearly stated on the product label.**

The Ws value corresponds to the area-weights of samples in the same lab lead-equivalency test. Field auditors of notified bodies will become increasingly diligent in ensuring manufacturing weights meet these real Ws values.

## HOW TO FIND COMPLIANT RADIATION PROTECTION

For compliance with (EU) 2016/425 regulations, all radiation protection aprons must adhere to a specific set of guidelines and must be tested using the new IEC 61331-1:2014 \*BBG (modified broad beam) test at 60/70/90/110 kV (and 150 kV for CT/eyewear). *Previous IEC 61331-1:2014 \*IBG (inverse broad beam) testing is no longer valid.* Here's how to find compliant radiation protection:

### ASK THE MANUFACTURER FOR:

- ✓ Certification to (EU) 2016/425 regulations
- ✓ PPE certificates (both Modules B or D & Modules C or C2)
- ✓ Lab test reports confirming pass test results

### SEARCH GARMENT LABELS FOR:

- ✓ The CE mark
- ✓ Statement confirming protection at required energy levels in accordance with IEC 61331-3:2014 (60-110 kV or 60-150 kV)
- ✓ The area-weight in kg/sq m (*this will vary for 0.25 mm, 0.35 mm and 0.5 mm lead equivalence*)

### Xenolite® Radiation Protection

Lite Tech offers compliant radiation protection apparel certified using the new (EU) 2016/425 BBG broad-beam test. Xenolite's Lead-Free Strata+ (300 Series) and EVAL (900 Series) attenuation materials are fully compliant and offer lightweight and eco-friendly protection for you and your team.



STILL HAVE QUESTIONS? CONTACT LITE TECH FOR MORE INFORMATION.  
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