New and Updated Environmental Standards Notified During 2021

Listed below are international standard documents, relating to environmental aspects, which are either new or which supersede existing documents. The list does not include standards confirmed to continue without change or standards for which corundum’s have been recently issued. It includes some, but not necessarily all, standards which are recently amended, when less than 10% of the content is changed. The marker that “No current standard is superseded” mostly refers to International standards, although in some instances, a national standard may already exist. In such instances reference should be made to your National standards agency to determine whether any existing standards will be withdrawn.

New Documents

Environmental Testing
EN 4864 Aerospace series. Environmental testing. High dynamic abrasion, mar, scratch and punch test in cabin interior. (no current standard is superseded)

Acoustics
-1 Airborne sound insulation.
-2 Impact sound insulation.
BS EN ISO 2922 Acoustics. Measurement of airborne sound emitted by vessels on inland waterways and harbours.

Contamination
EN 113-1 Durability of wood and wood-based products. Test method against wood destroying basidiomycetes. Assessment of biocidal efficacy of wood preservative.

Corrosion

Electro-Magnetic
IEC/IEEE 62704-4 Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communication devices, 30 MHz to 6 GHz. General requirements for using the finite element method for SAR calculations. (no current standard is superseded)

Sustainable Energy
PD IEC/TR 63043 Renewable energy power forecasting technology. (no current standard is superseded)

Material Testing and Characterisation
EN 15188 Determination of the spontaneous ignition behaviour of dust accumulations.
ISO 19935-2 Plastics. Temperature modulated DSC. Measurement of specific heat capacity CP. (no current standard is superseded)
ISO 22838 Composites and reinforcements fibres. Determination of the fracture energy of bonded plates of carbon fibre reinforced plastics (CFRPs) and metal using double cantilever beam specimens. (no current standard is superseded)

New Standards Work

New work has been notified on the international standards listed below. It may be possible to support this new work through your relevant national standards committee. The International Technical Committee responsible for a particular document can usually be identified from the ISO/ IEC or EN website. In many cases the nations participating in the maintenance and generation of the document can also be identified. To participate within an international Technical Committee, normally nomination by your relevant national standards committee is required. It should be noted that the standards are identified by their originating standards organisation, many may also be adopted by CEN, CENELEC or ETSI as EN standards and /or by your relevant national standards organisation.

New Standards Work Notified in January 2021
ISO 5750 Non-destructive testing. Infrared thermography. Electrical equipment testing. (will supersede none)
(WEE/46/8)
ISO 5879 Space systems. Separation test methods for spacecraft. (will supersede none)
ISO 24231 Protective clothing. Protection against rain. Test method for ready-made garments against high-energy droplets from above. (will supersede none)
EN 61400-13 Wind turbines. Measurement of mechanical loads. (will supersede none)
IEC/TS 61400-31 Wind energy generation systems. Siting Risk Assessment. (will supersede none)
IEC/TS 62446-4 Photovoltaic (PV) systems. Requirements for testing; documentation and maintenance. Electro-luminescence Measurement of Photovoltaic Arrays. (will supersede none)
EN 62974-1 Monitoring and measuring systems used for data collection, gathering and analysis. Device requirements.
EN 63202-2 Photovoltaic cells. Measurement of light and elevated temperature induced degradation of crystalline silicon photovoltaic cells. (will supersede none)