

CTL Provisional DECISION SHEET (PDSH)

Standard(s) (incl. year)	Subclause(s)	Tracking No.	Publication date
IEC 62368-1:2014 IEC 62368-1:2018	Annex F.3.7	2201B	2023
Category			
ITAV			
Subject	Keywords	Developed by	To be approved
IP Testing	IP testing, Indoor	ETF 02	2024 CTL Plenary Meeting
Question			
<p>Annex F, sub-clause F.3.7 describes that the inscription on devices with a higher degree of protection than IP X0 shall comply with the IP classifications according to IEC 60529 for water ingress. The current requirement indicates compliance is checked by inspection.</p> <p>Is only the inscription on the product to be checked or is a test according to IEC 60529 for ingress of solid foreign objects and water to be performed?</p>			
Decision			
<p>Where an IP construction is used as a safeguard:</p> <ul style="list-style-type: none"> - the safeguard shall be in accordance with IEC 60529; and - the IP code shall be declared in the manual or on the equipment. <p>Where the enclosure with the IP protection is a safeguard, compliance is checked by inspection, and if necessary by the tests in accordance with IEC 60529 or with Annex Y.5.</p>			
Explanatory notes			
<p>The evaluation of the IP class specified by the manufacturer is clarified in clause F.3.7 of IEC 62368-1:2023.</p> <p>Compliance with IP protection can be relevant to safety of the product. Therefore, if a degree of protection higher than IPX0 is specified, whether an indoor or outdoor device, the corresponding test according to IEC 60529 must be performed and documented.</p>			