

**What is meant by *material implications* for human health or human safety?**

In this instance, the term “material implications” refers to outcomes affecting human health or human safety that may occur, to which a reasonable person would attach significance as a result of implementing or applying this standard. If these outcomes can be predicted or are experienced in the applicable industry, the information should be provided to the IEEE. Material implications can result in immediate harm to human health or human safety, or can be harmful as a result of extended exposure.

Harm to human health or human safety can vary significantly, depending on the technology and application. Any situation that may require medical assistance in the short term or long term, or that results in temporary or permanent impairment, can be categorized as harmful to human health or human safety.

If the standard’s purpose does not directly address related issues with regard to human health or human safety, it may be appropriate to

- a) Reflect this information in the scope of the standard by clearly stating the intended application of the standard, as well as the applications that are not intended
- b) Direct implementers of the standard to authoritative sources addressing the relevant issues
- c) Note regulatory guidelines that address the relevant issues
- d) Inform implementers of the need to incorporate appropriate preventative systems or redundancies

It is important that IEEE Editorial staff is made aware of material implications for human health or human safety, directed to areas in the standard where this information is addressed or could be addressed, and informed of any steps taken in the draft to address any related issues not covered in the standard.