

From: Frank Farance
 Organization: Farance Inc.
 Telephone: +1 212 486 4700
 Fax: +1 212 759 1605
 E-mail: frank@farance.com
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 Subject: X3J11 Response to IEEE P1156.2/D4.0

ANSI X3J11 comments on:

``The Recirculation of IEEE Project 1156.2/D4.0,
 Standard for Environmental Specifications for
 Computer Systems'', dated 1995-06-16.

PROCEDURAL COMMENTS

X3 received a copy of Draft 4 on 1995-11-13 and X3J11 received it on 1995-11-22. Considering the comments are due 1995-11-28, this is an *extremely* short review period for any X3 Technical Committee.

GENERAL COMMENTS

The reviewers comments on the previous draft were difficult to read because: (1) the embedded E-mail didn't preserve any of the formatting or line breaks, (2) the complete E-mail headers were included, rather trimming unnecessary lines (e.g., SENDMAIL logging info), (3) the reviewers comments in NROFF/TROFF were not formatted properly.

These comments are limited to standards wording, typos, and procedural issues.

SPECIFIC COMMENTS

Comments are in the form ``a.b.cPdSe'' meaning ``subclause a.b.c, paragraph d, sentence e''.

2P1S1: What is ``1101.n'' and ``896.n''? Do you mean generically ``1101.x'' and ``896.x'' or is this a number yet to be supplied?

6P3S2: ``testor'' ==> ``tester''.

7.2P1S1: Should ``rate'' be ``rated''?

7.3P1S1: Reword the sentence to simpler wording using ``shall'':

``Mounting of any system undergoing testing is to be as the system would be typically mounted for its most common usage.''

7.5P1S6: Reword the sentence using the word ``shall'':

``Records of the testing and results of the testing are to be retained by the system manufacturer for at least three years after the last date of system sale.''

8.1P1S1: The acronyms PL1 and PL2 have not been defined.

8.3P1S2: Reword the remainder of the paragraph to use ``shall'':

``Maintain exposure temperature until system temperature change is < 1 C/hr ...''

8.10.2P3S1: Missing a period at the end of the sentence.

8.10.2P3S2: This sentence should be a note:

``It is expected that all quipment uses properly sized and electrically protected circuitry.''

8.12P1S3: The first semicolon should be a colon:

``To qualify as having passed;''

8.12P2S1: Should the system under test be fully functional during seismic testing, not just before and after? Why aren't other tests worded similarly:

``The system under test shall be fully functional before [, during,] and after X testing.''

8.12P3S1: Shouldn't this be a note since it makes no directly testable requirement?

``The vendor and purchaser shall agree on the earthquake test requirement level depend on the seismic zone that the equipment will be used in, as per Table 5.''

8.12: In Table 5, does ``Requirement Level 1 and 2'' mean the same as ``Performance Level 1 and 2'' or are they different? The table should make it clear either way.

9.3P1S5: Replace ``i.e.'' with ``e.g.'' and remove ``etc.'' in:

``For free standing systems (i.e., modems, terminals, etc.), the units shall be rigidly fastened to the vibration machine such that the units stay in contact with the machine at all times.''

Appendixes: Are these normative or informative?