



Electrical Power Working Group

E1.79, Television, Film, Live Performance, and Event Electrical Guidelines forCanada
Public Review 1 Comment Resolutions

Reference document: E1.79, Television, Film, Live Performance, and Event Electrical Guidelines forCanada (Document number EP/2024-7001r1)

ANSI Public review period: 08 August 2025 through 22 September 2025

Question: In your opinion, do you think the requirements of E1.79, Television, Film, Live Performance, and Event Electrical Guidelines forCanada (DCN EP/2024-7001r1) are reasonable, and adequately address the intended subject matter?

Please answer the question using one of the options below. Select "Yes", "Yes, but..." (provide comments to support your opinion), or "No, with reasons" (the document's requirements are unacceptable or unreasonable). Note that you are offering your opinion, which is in no way construed as a vote of acceptance or approval.

Responses:

Table with 2 columns: Commenter Name and Response. Rows include Mario Silva - Marsupial Productions Inc (MS) with response 'Yes, but...', Paul Spaven - 1194142 Ontario Inc with response 'Yes', and Blake Connell (BC) with response 'Yes, but...'.

Individual Comments:

Table with 4 columns: No., Commenter, Ref. section, Comment, and Resolution. Row 1 details a comment from BC regarding JOY connectors and provides a multi-point resolution regarding capping and connector standards.

No.	Commenter	Ref. section	Comment	Resolution
			<p>attempt to remove them.</p> <ul style="list-style-type: none"> • Tool belts and metallic tools making contact with uncapped 6x60s mounted at belt height, causing sparks and posing risk of injury. • As a rigging gaffer in Toronto, I can confirm this is not a rare occurrence — it is common on film sets. <p>Recommendation: All JOY connectors should be treated the same as Seaway connectors and required by code to be capped at all times (or powered off and visibly capped when not in use). This ensures clear visual confirmation of safety and minimizes the risk of accidental contact, sparks, or injury.</p>	<p>connectors), are not rated for connection or disconnection under load, and any unconnected device shall remain unenergized: and, (**See Note 1.)</p> <p><i>Note 1: Studio and stage pin connectors all display a version of the limitation prohibiting connection or disconnection under load.</i></p> <p><i>Note 2: Stage pin connectors which are not certified for use in Canada shall not be utilised.</i></p> <p>Add to 6.4.5:</p> <ul style="list-style-type: none"> d) 6.4.5.1 All distribution boxes shall be labelled as to the rated voltage, current and the CSA type, per Table 65 of the CEC. e) 6.4.5.2 No distribution box shall be employed in any manner such that its socket connectors face upwards f) 6.4.5.3 Cordsets with single or multiple gang devices utilising 5-15R or 5-20R receptacles may be employed with their connectors facing upwards, for use only in dry locations g) Additionally, 6.4.7.2 (e) prohibits the employment of any distribution box whose connectors face up in a potentially wet location.
2		General	<p>Hello, The BSR E1.79 - Entertainment Industry Electrical Practices in Canada does a great job in paraphrasing the ESA spec 003 but why is the ESTA replacing the ESA? I understand that the ESA has walked away from their previous duties because they wouldn't take responsibility for the suggested guidelines but according to the Notice's and Disclaimer's on the document neither does the ESTA. I find this confusing, a further explanation of this would be helpful.</p>	<p>ESTA has a deep involvement in the Entertainment Industry and was formed to create safety standards for the Industry, with a significant history of successful accomplishment in the creation of American National Standards.</p> <p>The development of these standards, which now number nearly 100, follows a rigorous process, which includes both peer and public review.</p> <p>No other body in North America is dedicated to the creation of standards that pertain to the Entertainment Industry.</p> <p>The ESA is a provincially delegated administrative authority, with jurisdiction only in Ontario. This standard is National in scope, created with consultation and participation from coast-to-coast stakeholders. This standard does not replace any Authority Having Jurisdiction, but as delineated in its introductory notes, provides safe industry-specific practices, where in many</p>

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				<p>cases the CEC is silent. In the absence of an existing applicable Standard, Canada defaults to an ANSI Standard. Please note that the Scope refers to the Authority Having Jurisdiction who hold legal responsibility for electrical safety and enforcement.</p>
3	MS	3.68 and 5.3.2	<p>3.68 Qualified APS Operator must be a C of Q holder which is fantastic but it contradicts with 5.3.2 (qualified operator as required by the relevant jurisdiction). In British Columbia, the FE is a mandated C of Q; In Ontario the 269e is not a mandated C of Q; they should both be mandated. Ontario should follow B.C.'s lead on this to bring uniformity to the position and requirements. We all follow the same CDN Electrical Code Book after all.</p>	<p>This Standard stipulates that the person performing the defined tasks set out in the standard shall be qualified.</p> <p>It is beyond the scope of this standard to require any jurisdiction to make a trade certification mandatory.</p> <p>The Certificate of Qualification referred to by the commenter is a recognized voluntary certification conforming to the requirements of an apprenticeship trade in Canada, and which the jurisdiction can apply or make mandatory in its legislative wisdom but is nonetheless set out as the requirement for engaging in and having responsibility for those defined tasks.</p> <p>Refer also to 3.21 in the definitions.</p> <p>Add clarifying statements to Appendix M specifying these respectively as voluntary or mandatory.</p>
4	MS	5.3.2 and others	<p>5.3.2 also contradicts all of 4.1, 4.1.1, 4.3.1.1, 4.3.1.3, 4.3.1.4, 4.3,1.5 and 4.3.1.6 when it comes to qualifications for personnel in 4.3.</p>	<p>Please refer to the immediately foregoing.</p>