

## CSA C22.2 No. 211.1 Code Compliance Check List

### 1. Confirm Suitability for Application:

Verify that the conduit is intended for direct burial or encasement in concrete or masonry, as specified in the standard.

### 2. Material Requirements:

Composition: Ensure the conduit is manufactured from rigid PVC material that meets the standard's specifications.

Use of Recycled Materials: Confirm compliance with requirements regarding the use of PVC industrial scrap in manufacturing.

### 3. Dimensions:

Wall Thickness: Verify that the conduit meets the minimum wall thickness requirements as specified in the standard.

Diameter and Length: Check that the internal diameter and length of the conduit comply with the specified tolerance.

### 4. Marking:

Ensure each conduit is marked with the manufacturer's name or trademark, type designation (ES1 or DB2/ES2), trade size, CSA certification mark and any other information required by the standard.

### 5. Performance:

Ensure the conduits meet the performance requirements in the standard, such as mechanical strength, fire resistance and UV resistance.

### 6. Thermal Properties:

Assess the conduit's ability to withstand temperature variations, ensuring it maintains performance at the maximum continuous operating temperature specified in the standard.

### 7. Fittings Compatibility

Ensure that all associated fittings are compatible with the conduit and meet the relevant requirements.

### 8. Installation Guidelines:

Confirm that installation practices align with the guidelines provided in the standard, including proper handling and joining methods.



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## 9. Regional Code Variations:

Ensure compliance with CEC requirements and make adjustments based on local regulatory variations.

<b>CSA C22.2 No. 211.1 Code Compliance Check List</b>	
<b>Items</b>	<b>Content</b>
<b>Suitability for Application</b>	Verify that the conduit is intended to be use for direct burial or encasement
<b>Material Requirements</b>	Composition & Use of Recycled Materials
<b>Dimensions</b>	Wall Thickness & Diameter and Length
<b>Marking</b>	Marking Content Compliance CSA C22.2 or not
<b>Performance</b>	Check the performance requirements
<b>Thermal Properties</b>	Check the operating temperature compliance CSA C22.2 standard or not
<b>Fittings Compatibility</b>	Check the electrical fittings compliance the CSA C22.2 standard or not
<b>Installation Guidelines</b>	Follow the CEC code or best installation practices
<b>Regional Code Variations</b>	Compliance with CEC or local code



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