

CTI TECHNICAL BULLETIN

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Bonding Jumpers Not Required for Standard Cable Tray Splice Plates

A bonding jumper is classified as a reliable conductor to ensure the required electrical conductivity between metal parts required to be electrically connected. It is not necessary to install bonding jumpers at standard rigid galvanized steel or aluminum splice plate connections or offset reducing splice plate connections or any Classified connections. The use of bonding jumpers does not make a safety contribution to a properly installed cable tray system, and wastes both materials and labor.

For personnel and facility safety all metallic electrical equipment enclosures and supports that may become energized in the event of an electrical fault must be bonded electrically back to the equipment connection. Cable tray systems acting as equipment grounding conductors, must comply with all the appropriate requirements of *NEC 250 Grounding and Bonding* and 392.60 Grounding and Bonding.

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