

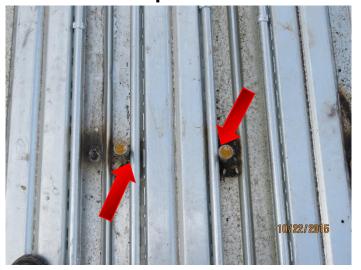
Quality Notes

Electrical - 01

10-27-2015



When installing conduits on the metal deck prior to a slab pour or conduits / electrical boxes directly under a roof deck, certain precautions are needed to be discussed:



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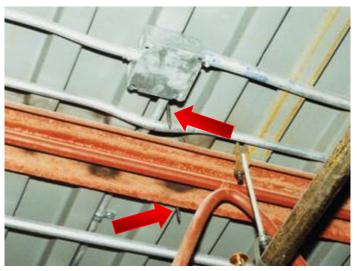


If installing temporary or permanent power in the slab on metal deck, make sure that the conduit is at least a 3" inches away from the studs in the deck.

Concrete must fully develop around the studs.

Always review specifications to determine of this is acceptable to install electrical in the slab.





Screws can penetrate conduits and boxes when placed directly under the roof deck...This could happen during the initial roof installation or during a re-roof installation. See NEC 300.4(E) Although electrical boxes are not mentioned in the Code, protection for the boxes are important and need to be considered.

A rated head-of-wall must also be taken into account, as the conduit cannot pass within the head of wall construction.

