

BKM: DCM Rack Attachment Detail

How does it work?

Instead of attaching the multi-use racks to the ceiling with welds, we decided to prefabricate the attachments to the correct lengths and then bolt them to imbedded strut in the concrete. Thus, eliminating the need for overhead welding.

How does this benefit the project?

By eliminating overhead welds, and subsequently overhead sparks, the risk of fire and trade damage goes down. Bolting the connections does not require the use of hot work permits, fire watch, or fire blankets. Additionally, welding fume is eliminated which accelerated set-up/tear-down time by eliminating all of the extra steps required to ventilate the activity.

Why is this a Lean Method?

Decreased installation time

Method requires one less crew member/ stops non-utilized talent

Reduces unnecessary movement of supplies and welding materials

Please attach or include photos of the before & after

