

TIP OF THE DAY- 2021-03 Expansion Anchor Changes

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OSHPD's FIELD TIP OF THE DAY

Subject: **Expansion Anchor Changes**

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Construction Matters:

From time to time post installed or expansion anchor manufactures make changes to their products. It is important that older products that are no longer available, but specified in the OSHPD Approved Drawings, be properly substituted with newer products from the same manufacturer.

Post installed anchor bolts are commonly used on building construction projects for a wide range of applications but usually for the support of non-structural items within health care facilities. (See "Guide for Working on Projects Under OSHPD Jurisdiction – ["Tips from the Experts"](#), **Section 3.7, Equipment Anchorage**)



Today's Tip:

When a newer expansion anchor bolt product is available and it can be demonstrated to have superior performance characteristics like higher pullout capacity and shallower embedment than its predecessor, it is reasonable to make exchanges as Non-Material Alterations (NMA) provided the manufacturer is the same and the exceptions/exclusions noted in the manufacturer's installation instructions/evaluation report have been verified.

This includes conditions where easily demonstrated spacing or size changes provide the same or higher holding capacity. Where calculations are required to evaluate the changes,

an Amended Construction Document (ACD) is required. Installation requirements must meet manufacture's installation directions and associated published evaluation report. This applies to both site specific conditions and OSHPD Pre-Approval programs.

The Big Idea:

It is reasonable for new innovations to drive building product improvement regularly. Good sense and a practical application of code requirements are appropriate to document the use of newly found product enhancements. Architects, engineers, inspectors, and contractors are encouraged to communicate with OSHPD Field Staff whenever these types of changes to the OSHPD Approved Construction Documents are expected.



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