

**LESSONS LEARNED**

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| **COMPLETED BY:** | **DATE PREPARED:** |
| Rick McElveen | 05/09/2022 |
| **PROJECT NAME:** | **SUBJECT:** |
| Pratt Industries | Epoxied Anchor Bolts |

LESSON LEARNED :

One set of anchor bolts needed to be post installed due to incorrect alignment and projection. Method was to drill and epoxy using specified materials approved by the EOR. Anchor placement failed and caused a collapse of structural columns and joists.

LESSON LEARNED CORRECTIVE ACTION & PICTURES:



Upon investigation it was found that the anchor bolts we not installed properly. Investigation showed that the drilled holes were not properly cleaned and prepared per the manufacturer’s recommendations. The debris left in the hole from drilling did not allow the epoxy to bond to the concrete footing thus causing it to fail under load. See Photo

![A picture containing appliance, old, dirty

Description automatically generated]()

Moving forward all drilled and epoxied anchor bolts must be approved by the EOR. Installation must be witnessed and documented by a 3rd party inspector.

A non-destructive pull test must also be preformed.

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