

# Specification Section 333

## ORIGINATION

Date: 6-18-26

Name: James Greene

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## COMMENTARY

This was Developmental Specifications 333. It has been successfully implemented in statewide projects with good construction consistency. Having proven its reliability in the field, this specification is now ready for transition to the Standard Specifications.

## INDUSTRY COMMENTS AND RESPONSES

*(Please note all comments and responses are verbatim as received. The Specifications Office does not alter typos or grammar.)*

BLACK = Comment **BLUE** = Specifications Response **GREEN** = Change Made to Specification

Name: Dan Hurtado

Date: 8-6-26

COMMENT: 333-3 has a lot of issues. What is the statutory authority for the contractor qualification process described in 333-3? The PATH system is used to certify products, not installers. When are those qualifications provided? At time of bid? Preconstruction meeting? Who makes the evaluation? Contracts administration? CEI? What is the course of action if the evaluation comes up short? How was the 3 year time frame determined? How often has this Spec been used? (Are there enough projects in the recent past for an effective pool of bidders to qualify?)

**RESPONSE:** Thank you for the comments. The Department has updated the 333-3 installer personnel qualifications instead of the contractor qualifications. Specifically, the installer qualifications are now based on project size (square footage) rather than years of experience. This change clarifies the qualification criteria at the time of bid and ensures higher construction quality. The PATH system comments have also been addressed; the APL contains only product information. On average, more than 20 projects have been initiated over the past five years.

**ACTION TAKEN:** Address the concern accordingly and update the subsection with the proposed language.

Name: Amanda Ulmer

Date: 8-6-26

COMMENT: The first sentence in the second paragraph of 333-6 needs to be changed to, "...it is the Contractor's responsibility to ensure the HFST requirements."

**RESPONSE:** Thank you for the comments. The Department has updated the 333-3 installer personnel qualifications and along with 333-6.

**ACTION TAKEN:** Update the sentences and address the concern accordingly.

Name: Melissa Hollis

Date: 8-6-26

**COMMENT:** The HFST vendor is actually two separate manufacturers of two separate products. The installer (subcontractor) requirements for certification on the APL/PATH system would need to be project specific, as the list of projects is required to be within 3 years from the date of the submittal of the bid (not the letting date). Subcontractors/installers should be trained and approved by the manufacturer to ensure proper installation of a product.

**RESPONSE:** Thank you for the comments. The Department has updated the installer personnel qualifications based on project size (square footage) rather than years of experience. This change clarifies the qualification criteria and ensures higher construction quality.

**ACTION TAKEN:** Update the sentences and qualifications to resolve the confusion.