



DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND MARIANAS
PSC 455, BOX 195
FPO AP 96540-2937

IN REPLY REFER TO:

Date: 22 OCTOBER 2019

MEMORANDUM

From: C. Andrew Herr, P.E., Chief Engineer, CIBL, NAVFAC MAR

To: All Contractors, Designers, and Government Design and Construction Personnel

Subj: AMENDMENT #001 OF THE MARIANAS NAVY AND MARINE CORPS DESIGN AND CONSTRUCTION STANDARDS (MDACS) v SEP2017, CHAPTER 6, SECTION D3030 Cooling Generating Systems

Encl: (1) Text of the Amendment

1. An amendment is hereby issued to update the MDACS by adding prescriptive language for HVAC Corrosion protection coating requirements, design considerations for location and placement of mechanical equipment outside of the building, and to include provision of protective concrete canopies over mechanical equipment located in an exterior screen enclosure to increase corrosion protection effectiveness and thereby decrease HVAC equipment costs. This amendment also includes requirements for HVAC equipment installation, start-up, testing, commissioning, and operation and maintenance training. The amendment applies to new construction and HVAC replacement projects.
2. Enclosure (1) provides the text of the amendment.
3. The amendment is expected to generally increase project cost when compared to projects without these design considerations. However, the amendment is also expected to significantly decrease HVAC life cycle costs and extend the life of HVAC equipment.
4. The amendment applies to all projects not awarded for construction at the date of issuance. Projects awarded for construction should incorporate the amendment to the fullest extent possible.

Sincerely,

C. Andrew Herr, P.E., Chief Engineer and Capital Improvements Business Line Coordinator
NAVFAC MAR

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