

P-307 Reference Section	RCDR Topic	RCDR Number
Section 3	Certification Requirements for Replacement of Microprocessor Controlled Hoist Drives	11-032

QUESTION

Q1: Does the replacement of a microprocessor controlled hoist drive require a load test?

ANSWER

A1: The replacement of a microprocessor controlled hoist drive requires a load test and recertification in accordance with NAVFAC P-307, paragraph 3.4.2.1. This paragraph states in part, "When the adjustment, repair, disassembly, alteration, or replacement of a load bearing part, load controlling part, or operational safety device requires a load test for verification of satisfactory work performed, recertification is required. To determine if a load test is required, the component's impact on holding strength shall be assessed. If holding strength could be affected by the work performed (i.e., failure to make the proper adjustment require, etc., could result in dropping or uncontrolled lowering of the load), then a selective inspection, load test, and recertification shall be performed." The drive is a load-controlling replacement part that has never been load tested, failure of which could result in uncontrolled lowering of load and therefore a load test is required.