

P-307 Reference Section	RCDR Topic	RCDR Number
Appendix E	Deviation From Test for Emergency Brake on Wire Rope Drum (Shaft Failure Detection System)	14-008

QUESTION

Q1: Request allowance to deviate from the NAVFAC P-307, Appendix E, paragraph 6.1.1.1 test when disconnecting the motor encoder signal will not adequately simulate a broken shaft failure.

ANSWER

A1: For shaft failure detection systems that utilize encoders and require other methods than disconnecting the encoder signal to properly test the system, a deviation from the test specified in NAVFAC P 3-7, Appendix E, paragraph 6.1.1.1 is allowed. The activity engineering organization shall develop the alternate method for simulating the fault (e.g., forcing variables).