

SAMPLE TEST PROCEDURES: FEO Phase II Off @ Alternate Floor Check

Consistent with ASME A17.1-2000 through current code, the following procedures should be performed on all units provided with Firefighter's Emergency Operation to verify compliance with 2.27.3.3.5.

The applicable units include all new installations and any Alteration that requires Fire Authority presence and live testing of the FAIDs.

Test: Step 1 Sequence of Events: At Alternate Level with Designated Level Run	
	Make sure Elevator is on normal automatic operation
	Have the Fire Tech set off Designated Level FAID at head
	Verify Elevator completes a Phase I Fire Recall to the Alternate Level
	Verify Elevator is at Alternate Level with doors open with Phase I Recall still activated
	Insert key and turn Phase II In-Car Emergency Operation switch to ON
	Take Elevator on Phase II to a floor above the Alternate Level and cycle doors
	Take Elevator on Phase II back to Alternate Level open doors and turn Phase II switch to OFF
	Instruct Fire Tech to reset FAID and building system
	Verify Elevator is still in Fire Recall (Elevator Control System must be reset via Designated Level Key Switch)
	Turn Fire Service Phase II Key Switch back ON and bring Elevator to Designated Level and leave Elevator Tech there
	Take Elevator (Still on Phase II) back to the Alternate Level and open doors
	Turn Phase II switch operation to OFF
	Instruct Elevator Tech to turn the Phase I Fire Recall switch to RESET and then to OFF
	Verify Elevator remains at Alternate Level in FEO Phase II OFF mode
	Turn Phase II switch back to ON
	Take Elevator to Designated Level and open doors
	Turn Phase II switch operation to OFF
	Verify Elevator returns to normal automatic operation
IMPORTANT: Verify the Designated and Alternate Levels with the local Fire Authority (should be present).	

This document is provided for use by qualified elevator personnel ONLY and none of the tests detailed above should be attempted by the public. These test procedures are not related to the required performance by the owner, or owner's representative, of the monthly Fire Emergency Operation Check in compliance with A17.1- 8.6.11.1 (Fire Service Log).

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Test: Step 2 Sequence of Events: At Level Other Than Designated or Alternate	
Make sure Elevator is on normal automatic operation	
Have the Fire Tech set off Designated Level FAID at head	
Verify Elevator completes a Phase I Fire Recall to the Alternate Level	
Verify Elevator is at Alternate Level with doors open with Phase I Recall still activated	
Insert key and turn Phase II In-Car Emergency Operation switch to ON	
Take Elevator on Phase II to a floor above the Alternate Level and cycle doors	
Turn Phase II switch to OFF	
Verify Elevator recalls back to Alternate Level and opens doors	
Instruct the Fire Tech to reset the FAID and building system	
Instruct Elevator Tech to turn the Phase I Fire Recall switch to RESET and then to OFF	
Verify Elevator remains at Alternate Level in FEO Phase II OFF mode	
Turn Phase II switch back to ON	
Take Elevator to Designated Level and open doors	
Turn Phase II switch operation to OFF	
Verify Elevator returns to normal automatic operation	
IMPORTANT: Verify the Designated and Alternate Levels with the local Fire Authority (should be present).	

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The Bureau of Elevator Safety has verified that these sample testing procedures correctly test units with Firefighter's Emergency Operation for compliance with 2.27.3.3.5