

EMERGENCY TALKING AND RINGING CIRCUITS

NO. 1 OFFICE

1. GENERAL

1.01 This section outlines the following routine tests of the trouble operator's emergency battery and ringing circuits and the line circuits used for establishing an emergency connection in case of failure of the central office battery or ringing current.

- (A) Ringing Test.
- (B) Talking Test.
- (C) Test of Emergency Connection to O.G.T. or Toll Line.

1.02 Tests of batteries associated with these circuits are covered in another section of this division.

2. APPARATUS

Test (A)

2.01 Test Bell Circuit.

Tests (B) and (C)

2.02 Operator's Telephone Set.

3. METHOD

(A) Ringing Test

3.01 Operate the EM GEN key and insert a cord associated with the emergency ringing circuit into the jack of the test bell circuit. Turn the crank of the hand generator and at the same time operate the emergency master ringing key (if provided) and the cord circuit ringing key or keys in such a way as to ring first on one side of

the test circuit, then on the other. Listen for proper response of the test bells.

(B) Talking Test

3.02 Insert the plug of the operator's telephone set into the telephone set jacks at the position in which the emergency battery and ringing circuits are installed, and operate the EM BAT and EM GEN keys. Using the cord pair associated with the emergency battery circuit, call assistants at two common battery stations, establish a talking circuit between them, and check that they can talk to each other satisfactorily.

(C) Test of Emergency Connection to O.G.T. or Toll Line

3.03 Insert the plug of the operator's telephone set into the telephone set jacks at the position in which the emergency battery and ringing circuits are installed, and operate the EM BAT and EM GEN keys. Using the calling cord associated with the emergency battery circuit, establish a connection over an outgoing call wire, straightforward, or ringdown trunk or toll line to some other office, and check that a satisfactory talking connection is obtained. If trunks or toll lines which may be used for reporting office failures or for completing emergency calls during a failure are terminated on special jacks for this purpose, a call should be made in this way over each such trunk or toll line, using the jacks provided for emergency connections.

4. REPORTS

4.01 The required record of this routine should be entered on the proper form.