



WS No. 19 Mark III

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R E S T R I C T E D

ELECTRICAL AND MECHANICAL  
ENGINEERING REGULATIONS  
(By Command of the Army Council)

TELECOMMUNICATIONS

A ~~74~~

521.

TESTING OF MINIATURE BATTERIES

1. A number of types of small primary batteries, of the pattern normally used in hearing aids, are being introduced into the service for use in various items of equipment.
2. These batteries are designed to give only very small currents of the order of 1mA or less. Misleading results may be obtained, on account of their high internal resistance, if such batteries are tested with relatively insensitive instruments. Furthermore, frequent checks with such an instrument will reduce the shelf life of the batteries, due to the high current drain.
3. When any of the batteries listed below have to be tested, an Instrument, testing, Avometer, model 8S or other meter having a sensitivity of at least 10,000 ohms per volt will be used.

R E S T R I C T E DTELECOMMUNICATIONS  
A 771ELECTRICAL AND MECHANICAL  
ENGINEERING REGULATIONS

Part No	Designation	Used in
(Section Y3)		
YC 00391	Battery, dry, 15V, No 1	Instrument, testing, Avometer, model 8S
6135-101162	Battery, dry, 9V, No 1	Meter, survey, radiac, No 2
6135-101163	Battery, dry, 30V, No 1	Meter, survey, radiac, No 2
6135-101164	Battery, dry, 30V, No 2	Meter, dose-rate, portable trainer, No 1

## Miniature batteries

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