

A. T. & T. Co.'s
Specifications 4159
Supplement A

June, 1924.

(Insert this Supplement before Specifications 4159)

MAINTENANCE OF AUTOMATIC ELECTRIC CO. DIALS AT STATIONS

New Tools and Methods

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MAINTENANCE
OF A. E. CO. DIALS
AT STATIONS

GENERAL

1. Reasons for Issuing Supplement. Since Specifications 4159 were issued the No. 265 tool for cleaning contacts has been standardized. This tool provides a convenient means for cleaning the contacts of dials in the field. It has also been found that the necessity of adjusting the governor wings to increase the speed of dials to normal may often be avoided by oiling the finger wheel shaft and ratchet wheel bearings. Oiling these bearings has, therefore, been specified herein.

TOOLS AND REPAIR PARTS

2. The tools required by this supplement, in addition to those listed in Specifications 4159, are as follows:

- Tools:** ***265 TOOL.** Used for cleaning contacts on dials.
 ***266 TOOL.** Sand blasted steel blade (part of the No. 265 tool). For use when new burnisher is needed in the No. 265 tool.

INSPECTION AND ADJUSTMENT OF INTERNAL PARTS

3. Cleaning Contacts, Section Added. When contacts of pulse springs or off-normal springs are dirty, slightly pitted or burned, clean with No. 265 tool. This may be done by sliding the tool back and forth between the contacts to be cleaned while these contacts are held together by the pressure of their springs. Do not clean any other part of dial with No. 265 tool.

DIAL SPEED

4. Oiling Finger Wheel Shaft and Ratchet Wheel Bearings. Section 18, Fourth Paragraph Revised. After worm has been oiled as specified in paragraph 3, apply oil to finger wheel shaft and ratchet wheel bearings. This is done by removing escutcheon screw and escutcheon (see Section 4) and applying one drop of oil (with needle of one drop oil can) into the escutcheon screw hole. Operate dial a number of times so as to cause oil to pass from the escutcheon screw hole to the bearings through small holes provided for the purpose in the finger wheel shaft. Use care in applying oil so as to prevent instruction card from being soiled. Wipe off any oil which may remain around the tapped hole.