

**EQUIPMENT TEST LIST**  
**RECTIFIERS, MISCELLANEOUS**  
**POWER SYSTEMS EQUIPMENT**

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**1. GENERAL**

**1.01** This section provides an index and information access system to locate the standard tests applicable to equipment listed in the preceding table

of contents. Test classification and frequency of periodic routine are also provided.

**1.02** This ETL is reissued to incorporate changes in paragraphs 29.3 and 29.4. An arrow has been placed to the left of each line which has been changed.

**1.03** Comments on this section should be made by following the instructions in Bell System Practices (BSP), Section 000-010-015.

**1.04** Routine test information is arranged in the following order from left to right: Section number, issue/addendum, test letter or paragraph number, test title, test class, frequency, and the last space is for a locally assigned job number.

**1.05** Section 010-300-011 provides Equipment Test List instructions.

**NOTICE**

Not for use or disclosure outside the Bell System except under written agreement

SECTION 169-001-013

29.0 RECTIFIERS, MISC

29.1 RECTIFIERS, MISC; MERCURY ARC

FOR ALL UNITS

169-205-501 (2/0)	3.02	INSPECT ELECTRICAL CONNECTION	MW 6M	-----
	3.04	CHECK CONDITION OF CONTACTS	MW 6M	-----
	3.05	CHECK AUTOMATIC CONTACT CENTERING FEATURE	MW 6M	-----
	3.06	CHECK STARTING MOTOR OIL AND FUSING	MW 6M	-----
	3.07	EXAMINE BRIDGING RESISTANCE TUBES	MW 6M	-----
	3.09	CHECK CIRCUIT BREAKER TRIP SETTING	MW 12M	-----
	3.10	CHECK CONDITION OF MERCURY	MW 12M	-----
	3.11	CHECK ROCKER ARM ASSEMBLY	MW 12M	-----
	3.13	TEST ALARMS	MW 12M	-----
	3.15	CHECK RECTIFIER OUTPUT	MW W	-----

29.2 RECTIFIERS, MISC; X-61756A-2

FOR ALL UNITS

169-602-301 (1/0)	-	CHECK FOR NORMAL OUTPUT VOLTAGE	MW 1M	-----
	3.01	CHECK FOR PROPER LOAD DIVISION	MW 6M	-----

> 29.3 RECTIFIERS, MISC; MISC ELECTRON TUBE TYPE

FOR ALL UNITS

169-210-301 (6/0)	-	CHECK OUTPUT CURRENT	MW 3M	-----
	3.01	CLEAN TUBE AND SOCKET CONTACTS	MW 12M	-----
	3.02	OPERATE OR REMOVE AND INSERT SWITCHES OR PLUGS	MW 12M	-----

29.4 RECTIFIERS, MISC; SEMI-COND TYPE

FOR ALL UNITS

169-215-301 (9/0)	4.03	CLEAN VENTILATING PASSAGES	MW 3M	-----
	4.05	CHECK OUTPUT VOLTAGE AND CURRENT	MW 3M	-----

OPTIONAL FEATURES

> RECTIFYING STACKS OF SELENIUM OR COPPER OXIDE ELEMENTS

169-215-301 (9/0)	5.04	CHECK STACK TEMPERATURE	MW 12M	-----
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TROUBLE TESTS

169-215-301 (9/0)	5.01	(5.01-5.04) SEMI-COND RECTIFIER FAILURE	TT	-----
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29.5 RECTIFIERS, MISC; FERRORES TYPE

FOR ALL UNITS

169-215-302 (3/0)	4.01	CHECK RECTIFIER OUTPUT VOLTAGE	MW 12M	-----
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TROUBLE TESTS

169-215-302 (3/0)	5.01	TROUBLE TEST CHART	TT	-----
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