

**INSPECTION REQUIREMENTS
VERTICAL DRIVE SHAFTS
AND ASSOCIATED APPARATUS
GENERAL EQUIPMENT REQUIREMENTS
NO. 1, AND TANDEM CROSSBAR, AND PANEL SYSTEMS**

1. GENERAL

- 1.01** This section covers the inspection requirements of vertical drive shafts and associated apparatus in No. 1 crossbar, tandem crossbar and panel offices.
- 1.02** This section is being reissued to bring it into conformity with the general Plant Series plan and add BSP number 815-020-186.

Lot Range		A	B	C	D	E	F	G
Lot Size (Number of Bearings in Equipment Group)		1 60	61 100	101 144	145 220	221 310	311 384	385 480
Sample Size (Bearings) (See Note 1)		All	60	72	84	90	96	102
Inspection Item <small>(For requirements refer to Bell System Practices, Section 159-735-701)</small>	BASIS	ALLOWABLE DEFECT NUMBERS						
		AN	AN	AN	AN	AN	AN	
1. Mounting of Bearing Brackets	Bearing	-	0	0	0	0	1	1
2. Alignment of Vertical Drive Shaft Bearings	"	-	0	0	0	0	1	1
3. Tightness of Bearing Cap Screws	"	-	1	2	2	2	2	2
4. Radial Play in Bearings	"	-	1	2	2	2	2	2
5. Squareness of Bearings	"	-	1	2	2	2	2	2
6. Location of Adapters and Graphalloy Bushings	"	-	1	2	2	2	2	2
7. Position and Grip of Clamping Collar or Clamping Nuts (10 Type Bearings)	"	THE LOT SHALL BE INSPECTED COMPLETELY FOR THESE REQUIREMENTS.						
8. Location of 10 Type Bearing in Its Housing	"							
9. Location of Shaft and Bearings	Shaft							
10. Eccentricity of Vertical Drive Shaft and Driving Disc	"							
11. Starting Torque Test (See Note 2)	"							
12. Axial Alignment of Shafts	Coupling							
13. Clearance Between Shafts	"							
14. Engagement of Coupling	"							
15. Coupling Adjustment	"							
16. Mounting of Eccentric Coupling Guard	"							
17. Cleaning	Common Item	All bearings and shafts of the sample shall be clean						
18. Lubrication	"	All Samples: The lubrication shall meet the intent of the requirement						

AN = Allowable Number of Defects in sample.

Note 1: Inspect all bearings on each shaft selected and select a sufficient number of shafts to meet the sample size requirement for bearings.

Note 2: The reinspection requirement of the section Central Office Equipment, In-

spection — General Procedure (IS218.002), shall not apply to Inspection Item 9, "Starting Torque Test".

For detailed explanation and use of table refer to the section on Central Office Equipment, Inspection — General Procedure (IS218.002).