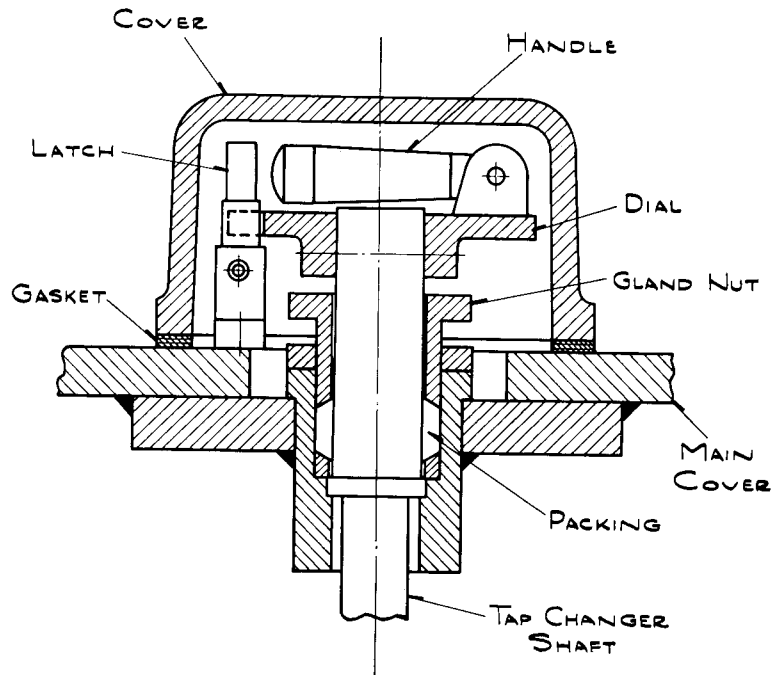


Externally Operated Tap Changer Mechanism

INSTRUCTIONS



GENERAL

This tap changer mechanism is covered to prevent the entrance of moisture. The cover is held in place by four BOLTS and is sealed with a cork gasket, cemented to the main cover and has vaseline applied to the side next to the mechanism cover. See Fig. 1, no maintenance is required except tightening the gland nut or replacing the packing.

OPERATION

This mechanism is used with a no-load tap changer and the transformer must be de-energized before operating. If a tap changer interlock to switch is supplied, it must be operated before the tap changer cover can be removed. Remove the cover and turn the latch outward away from the slot. Note—The latch indicates the tap changer position. Turn the hinged handle outward and move the dial in a direction such as to bring

the desired position in line with the latch. Close the latch, pressing it firmly into the slot and turn the handle inward. Apply a light coat of vaseline on the gasket and replace cover. Bolt down tightly to prevent leakage.

MAINTENANCE

The only maintenance required on this mechanism is inspection and tightening of the packing gland. An inspection should be made at least once every six months. After inspection of the gland apply a light coating of vaseline to the gasket before replacing the cover. The packing gland is $1\frac{1}{4}$ " hex and is screwed in place and is turned clockwise to tighten the gland. In case tightening the gland does not stop a leak, it will be necessary to repack the gland.

REPACKING GLAND

Remove the cover and dial plate after

driving out the taper pin. The gland is removed by unscrewing the gland nut, using a $1\frac{1}{4}$ " open end wrench. Remove the old packing with a sharp hooked instrument. Slip the new ring of packing on to the shaft and replace the gland nut. Fasten the dial plate in place, taking care that it is in the proper position. Apply vaseline to the gasket and fasten the cover tightly in place.

RENEWAL PARTS

Ring type packing S#986854. If any other parts are required refer to Fig. 1, indicate part wanted and give serial number of transformer.

ORDERING INFORMATION

Order parts from nearest Westinghouse Electric and Manufacturing Company Office or from the Sharon, Pa. Works.

Westinghouse Electric & Manufacturing Company
Sharon, Pa.