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To
All SSA heads.

No.CVL/Genl-Corres /2013/

dated the 21.11.2014.

Sub: Duties and Responsibilities of Telecom Mechanic - reg.

Duties and Responsibilities of Telecom Mechanic/Phone Mechanic issued vide DOT, New Delhi letter no.29-1/96-TE.II dt..3/4/96 is enclosed herewith for necessary action.

This may be wide circulated to all offices/Exchanges under your control please.

Encl: As above.

[म.राजी / M.RAJI]

उप महाप्रबंधक [प्रशासन]

Deputy General Manager (ADMN.)

कृते मु.म.प्र.बी.एस.एन.एल. / For CGM,BSNL

तमिलनाडु परिमंडल, चेन्नै.6/ Tamilnadu Circle, Chennai.6

DUTIES OF PHONE MECHANICS

Cadre of Phone Mechanics has been created as a result of the cadre restructuring scheme introduced in the Department in October, 1990 vide memo no.27-4/87-TE.II dt. 16.10.1990. The Phone Mechanic would eventually replace the following cadres.:

- (i) Lineman
- (ii) SIs/LIs
- (iii) Wireman including those placed in OTDP/BCR scales Cable Splicers
- (iv) Cable Splicers including those placed in OTBP/BCR scale.

Whereas Phone Mechanics would predominantly work in the new technology areas, they would also be required to perform the duties which are being presently performed by the above cadres who will since be phased out in due course of time.

The duties of the Phone Mechanics to be performed under overall guidance of TTAs/JTOs are given below:

A. Overhead lines:

- 1. General: Prepare diagrams, store lists, maintain muster roll, keep records, diaries, climb poles without help of any appliance.
- 2. Construction: Assemble and erect poles, stays, brackets, struts, etc., erection, levelling and jointing of wires and associated line construction work, lay cables, run construction parties.
- 3. Maintenance: Patrolling lines, giving tests for localisation of faults, rectification of faults, attending to subscribers loops, run maintenance parties.

B. Equipment:

- 4. General: Repair faulty cords, keys, jacks, lamps and lamp strips fitting and replacing protective devices including GD tubes, installation and maintenance of primary and secondary batteries and power plant testing instruments, fire fighting equipments, cleaning of equipment.
- 5. Wiring: Fitting and wiring in subscriber offices, paying, fanning, lacing, tagging, termination and soldering/wrapping/IDC, Termination of switch board cables and jumpering at MDF, IDF, TDF and Cabinets, Pillars and DPs, wiring and testing of trunk and local boards, PBX, PAOX boards, all auto and electronic exchanges, carrier and VFT interstice coaxial, microwave stations, telegraph offices and all electrical installations.

- 6. Fault Rectification: Faults in manual switch boards, Rural exchanges including Electronic exchanges, faults in telephone instruments including plan instruments, Morse sets and associated equipments in telegraph offices.

C. Cable work:

- 7. General: Preparing diagrams, pressurisation of cables, installation of gas pressure system, alarm and schrader valves, gas barriers et feed gas and take pressure readings, be conversant with colour codes of cables.

8. Maintenance and construction:

Testing of Cables, laying and jointing underground cables of all types, making through schedule, branch, vertical and tee joints, termination of UG cables, switch board cables on MDF, D and Cabinets, installation and fitting of loading coils, testing localisation and rectification of cable faults, retrieval of faulty pairs, use of test instruments, including pulse echo test, joining of optic fibre/coaxial cables, building of pairs by rearrangement in cabinets/pillars.

9. Miscellaneous: Assisting TTA, JTO and other superiors in maintenance, construction and installation of switching and transmission equipment.

10. Any other duties assigned by his seniors.