

## 18. STREET LIGHTS

### 18.2 Norms for replacement of Tube lights, Chokes, Starters, Bulbs, High Power Mercury Vapour/High Power Sodium Vapour Lamps and Light Fittings

Rural Development (P3) Department

G.O. (Ms) No. 223

Dated : 19.12.94

Read :

1. G.O. Ms No. 554, Rural Development Department, Dated: 10.7.87.
2. From the Director of Rural Development letter No. 86316/94/G1. Dated: 27.10.94.

#### ORDER

In the G.O. first read above, Orders were issued prescribing norms for replacement of Tubellights, Chokes, Starters and Bulbs by Panchayats, Panchayat Townships and Town panchayats as indicated below: -

- |                |                      |                |
|----------------|----------------------|----------------|
| 1. Tube Lights | 20 Watts or 40 Watts | Once in a Year |
| 2. Chokes      | 20 Watts or 40 Watts | Once in a Year |
| 3. Starters    | 3 times a Year       |                |
| 4. Bulbs       | 3 times a Year       |                |

2. The Director of Rural Development has stated that the admissible quantity of street lights materials for one year for one street light pole ordered by the Government in the G.O. first read above is inadequate. He has stated that due to voltage fluctuations, the Street lights in Village Panchayats and Panchayat Unions become weak and unserviceable and do not 'serve for a period of six months. In the rainy season, due to lightning and rain water, the electrical connections are effected resulting in the fluorescent tubes getting fused. Similarly, due to excessive heat in summer, the connections get melted, and the tube light, becomes worn out, Anti\_Social elements also indulge in causing damages to public properties like street lights. As stated by the Chief Engineer, Tamil Nadu Electricity Board, the life time of a tube light is 2000 hours, Street lights in Rural and Urban areas are burning for 12 hours from 6. P.M. to 6. A.M. and one fluorescent Tube Lamp can serve for 167 days (2000/12 = 167 days) Therefore the barest minimum of Two fluorescent tube lights per year are absolutely necessary to keep each street lights burning as per the Technical opinion of the Chief Engineer, Tamil Nadu Electricity Board. The Director of Rural Development has therefore requested that the existing norm of one tube light lamp for one street light pole for a period of one year may be raised to at least 2 Nos. of tube lamps per pole pre year.

3. The Present norms prescribed in the G.O. first read above do not cover the norms for High Power Sodium Vapour lamps and High Power Mercury Vapors lamps and street light fittings. The matter relating to modifying the norms for other Street Lights items applicable equally to all Village Panchayats, Town Panchayats, Municipalities and Corporations was also discussed at a meeting held on 21.11.94 with Secretary Municipal Administration and Water Supply Department, Director of Rural Development, Director of Town panchayats, Director of Municipal Administration, Superintending Engineer (Material Management) Tamil Nadu Electricity Board. After careful examination, the Government pass the following orders:-

- (a) the existing norm of one Tube light lamp for one Street light pole for a period of one year be revised as 2 Nos, of Tube light lamps per pole per year i.e., one Tube light lamp for every six months.
- (b) the existing norm of replacement of chokes once in a year be continued. In respect of Starters and Bulbs too, the existing norm of replacement at 3 Times a year be continued.
- (c.) For High Intensity Bulbs, such as Sodium Vapour Lamps and Mercury Vapour Lamps, the norm will be Two lamps for every three years.
- (d) For Light Fittings, the norm of replacement will be once in five years i.e., 1/5 of the

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total numbers of Fittings every year (Both for replacement and New Lights).

4. The revised norms ordered in Para 3 above will apply to all Village Panchayats, Town Panchayats, Municipalities and Corporation.

5. The Director of Rural Development, The Director of Municipal Administration, The Director of Town Panchayats under the Collectors are requested to bring this order to the notice of executive authorities of local bodies concerned.

6. This orders issues with the concurrence of Municipal Administration and Water Supply Department vide its U.O No. 125/Secy./Per/94-1, Dated : 28.11.94.

(By order of the Governor)

**J.T. ACHARYULU**

SPECIAL COMMISSIONER AND  
SECRETARY TO GOVERNEMENT