

Dalhi Development Authority

No:EM.1(10)83/

Dt :

Circular No. 239

Sub :- Precautions and procedures to be followed in constructions of deep sewers.

-0-0-0-0-0-0-

Accidents at the various construction sites pertaining to deep deep sewers are reported at sporadic intervals. It is, thus, necessary to have greater control on the construction procedure adopted in deep sewer works. In addition to the instructions already issued from time to time, the following precautions should be taken by the Field Engineers for the construction of sewers deeper than 5 mtr.

A copy of instructions no. No.F.16(2)88/D&B/CM/8210 dt.15.3.88 issued by Comr. & Secy.(L&B) Dalhi Administration (para 1 to 7) is enclosed for reference & strict compliance.

1. Prequalification of contractors shall be done for all deep sewer works. A select list of contractors shall be prepared and works awarded only to competent contractors with proven ability.
2. The practice of pushing pipes into the trench shall be avoided. Pipes should be gradually lowered into the trenches with the help of cranes/ chainpulley block etc.
3. Works shall be carried out in limited reaches only and before the next reach is taken up, the previous reach shall be filled up with the excavated earth and made to the desired standard. The practice of preparing trenches over long distances shall be avoided and the Engineer Incharge shall give specific instructions about the length of reach that can be opened up for C/O Jacking sewers at a time.
4. Proper designs should always be a supporting feature and contractors should be insisted upon to take all the precaution in carrying out the work in a scientific manner with modern technology.
5. Proper barricading of GI shute painted with Red & white paint to be provided along the trenches.

The above administrative instructions should be inserted as conditions in the contracts for construction of deep sewer beyond 5 mtr. Any officer or contractor trying to carryout the work in a careless manner shall be seriously dealt with.

Encl: As Above

V/S
10. SS
Engin. or Member
DDA
MC

Copy to:-

1. All CEs, DDA
2. All SEs, DDA
3. All SAs, DDA