

DELHI DEVELOPMENT AUTHORITY
OFFICE OF CHIEF ENGINEER
QUALITY ASSURANCE CELL

QAC CIRCULAR No.207

No.F.68 (11)9/EE (QC)-III/DDA/Misc./10-11/ 7

Date: 13.5.2011

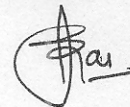
As per the orders of the Honourable Court, it has become mandatory that before taking up the construction of any bore well/ tube well is to be informed in writing at least 15 days in advance to concerned authorities in the area. The necessary permission may be taken to regularise / authorise the bore. Barbed wire fencing or any other suitable barrier around the well must be provided during construction. Cement Concrete platform measuring 0.5m x 0.6m x 0.6m (0.3m to be kept above ground level & 0.3m below ground level) shall be provided around the well casing.

As per Clause 4.0 of IS:11189-1985, determination of adequacy of development is largely a matter of experience and judgement. Hence considering data collected from all over Delhi, the following table shall be used as guidelines for estimation of works for development of tube wells/ bore wells but the payment to be made as per actual observed data.

<u>S.No.</u>	<u>Depth of bore</u>	<u>Minimum time for development of bore</u>
(a)	<u>Rotary Ring Type</u>	
1.	60 m	100 Hours
2.	80 m	150 Hours
3.	100 m	180 Hours
4.	More than 100 m	200 Hours
(b)	<u>DTH Type</u>	
1.	60 m	60 Hours
2.	100 m	120 Hours
3.	More than 100 m	150 Hours

Concerned Executive Engineer shall also furnish a certificate confirming the actual depth of the tube well/ bore well, installation of compressor, total hours of operation including development of bore indicating adequate discharge of clear & sand free water is achieved before making payment.

Although payment for development of bore well shall be strictly made on the actual observation basis but as the adequacy of development is unpredictable, a deviation up to twice the above suggested development time shall not be considered as deviation in the item of work. Clause 12.2 & Annexure 'A' of IS: 2800-1991, Part-I regarding information on completion shall be adhered to and shall be signed by JE, AE & EE concerned. The well shall be disinfected after completion as per Clause 10 of the above mentioned IS Code. It is also enjoined upon Electrical Wing that pumping system should be designed with great precision such that the actual velocity at which water is withdrawn does not exceed the Critical Velocity. If the actual velocity exceeds the Critical Velocity, the Well tends to sink & liable to collapse. Log book shall be maintained as per enclosed format.



(Er. J.S. RAI)
Chief Engineer,
Quality Assurance Cell; DDA

Copy to:

1. EM, DDA for favour of information,
2. All Chief Engineers for favour of information,
3. Director (Horticulture) South East for information,
4. Director (Horticulture) North West for information,
5. Director (System) for information & publishing on website of DDA.