

**JODHPUR VIDHYUT VITARAN NIGAM LIMITED JODHPUR
(DEPTT. OF COMMERCIAL OPETATIONS)**

NO:/SE(COMML)/JDVVNL/JU/SC-I/2004-05/10 70 Jodhpur, dated:- 16-4-04

ORDER

Sub: - Use of HDPE pipe in agricultural pump sets.

The High Density Poly Ethylene Pipe (HDPE) is capable to continuous exposure of sunlight and ultra violet rays on both suction and delivery side. Presently the cultivators are using GI Pipes in agricultural pumping wells/tube wells instead of HDPE Pipes. Using HDPE Pipes in place of GI pipes electrical energy saving to the extent of 14% is effected and secondly the discharge of water also increases by 15% This is due to reduction in the frictional losses by using HDPE Pipes in place of GI Pipes.

In the existing GCOS of the Nigam it has already been prescribed under clause 12(j) (i) for using HDPE Pipes for the intending agricultural consumers. Despite the provisions of GCOS intending agricultural Consumer might not be using HDPE for suction and delivery due to cost considerations. This aspect is also not checked by officers of the Discom at the time of release of new agricultural connection. In view of the established advantages of HDPE Pipes thereby saving electrical energy as well increasing the discharge of water , it is advantageous for both the Discom and to the consumer to use such Pipes. The field officers are therefore required to motivate the intending consumers for going for HDPE Pipes having ISI Mark (154984:1995 or amended) instead of traditional GI Pipes and new connections under agricultural category be released with the HDPE Pipes only and it should be ensured that the intending consumers has installed HDPE Pipes for suction and delivery.

As the use of HDPE Pipes is beneficial to the Discom every effort should be made to release new agricultural connection with the use of such Pipes. The vigilance officers staff who are entrusted with the duty of making checking of consumers installation particularly in the rural areas should also take this aspect during their tours. As the use of HDPE has been made obligatory for new agricultural connections in terms of the provisions of GCOS, the field officers should remain concerned about these aspects failing which action against defaulters can be initiated. The above instructions are issued in terms of the decision taken in 67th & 68th meeting of Coordination Committee held on 19-2-2004 & 31-03-2004 respectively.



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