

Office of the Chief Engineer,  
Investigation & Design [IDRB],  
Vikas Bhavan,  
Thiruvananthapuram,

**CIRCULAR No. 15/92/IDRB/CS (Vol 9) dated 06.03.2015**

Sub:- Driving of sheet piles - instructions - reg-

It has come to the notice of the undersigned that there is no proper supervision from the site officers in driving the sheet piles. Hence the purpose of sheet piles as cutoff to arrest seepage is not served in many of the cases. In this regard the following instructions are issued for strict compliance in driving the sheet piles

- 1) Only hot rolled steel sheet piling sections conforming to IS2314-1986 shall be used.
- 2) Specification shall be strictly in accordance with the IS code 2314-1986.
- 3) The driving of the sheet pile for entire length and depth shall be witnessed and convinced by the concerned Assistant Engineer and Asst. Executive Engineer in charge of the work.
- 4) The process of sheet pile driving shall be video graphed and recorded for reference.

Sd/-

CHIEF ENGINEER

Office of the Chief Engineer,  
Investigation & Design (IDRB),  
Vikas Bhavan,  
Thiruvananthapuram.

CIRCULAR No: 15/ 92/IDRB/ CS (Vol 9) dated 28.03.2015

Sub: Steel Sheet Pile - Procurement and installation - reg.

Ref: Circular No. 15/ 92 / IDRB /CS (Vol 9) dated 6.3.15.

In the continuation to the circular cited above, the following additional instructions are issued to ensure watertightness in steel sheet piling works.

1. As the effectiveness of the cutoff depends upon the verticality and consequent interlocking of sheet piles, special care should be taken to drive piles vertically and no deviations from the true plumb should be allowed. In case any pile goes out of plumb, the same has to be pulled out and another pile driven in its place after making sure that the preceding piles are not disturbed from their verticality. No separate measurement shall be made for such withdrawal and re-driving of the sheet pile.
2. The dimensional tolerances shall comply with permissible limits specified in Clause 6 of IS 2314-1986 to ensure the efficiency and watertightness of the interlocking arrangements at joints.
3. The piling sections shall be made up from steel grade conforming to IS 2062-2006. The engineer at site shall confirm the manufacture's identification mark, designation & colour code to identify the grade of steel in accordance with IS 2049-1978 as per Clause 10 of IS 2314 - 1986 and should be recorded accordingly.

Sd/-

CHIEF ENGINEER