STAINLESS STEEL SECTIONAL STOPLOGS

SERIES: A - 411 / 412 / 413

SECTIONAL STOPLOGS

SPECIFICATION:

These stoplogs are made per Jash design.

APPLICATION:

Multi-piece sectional stoplogs are used instead of single piece stoplogs when there are weight and height restrictions in handling. These stoplogs are used for isolation application in open channel where (i) immediate closure or isolation of waterway opening in a short time is not required, (ii) isolation requirement is infrequent (iii) more than one person is available for operation. These stoplogs are also suitable for insertion in multiple frames installed at different locations provided the stoplog and the frame are of same width.

Standard sectional logs are available in 150 mm and 300 mm height and are suitable to withstand 6 m water head upto 3 m width.

Sectional logs can be provide for higher sizes and heads than that stated above and also custom designed for specific application.

FEATURES:

- Frame design suitable for (i) embedment on two sides and bottom, or (ii) anchoring on two sides and bottom, or (iii) face wall mounting at the end of channel.
- Offered with either frame mounted sealing system or log mounted sealing system for vertical sealing between frame and stoplogs. Type of sealing system offered depends upon client requirement and application.
- Frame mounted sealing system offers joint-less vertical sealing with the gliding face of stoplogs to ensure improved seal leakage performance. This sealing arrangement is replaceable only during plant shut down.
- Log mounted sealing system comprises of non -continuous interrupted sealing with the frame face thereby increasing the possibility of higher leakage through joints in the vertical sealing. This sealing arrangement is replaceable without resorting to plant shutdown.
- Vertical sealing system provided on the upstream as well as downstream sides at both ends.
- Frame mounted LIP-GLIDE™ resilient sealing system comprises of continuous resilient lip seal mechanically fastened on frame and in forced contact with upstream and downstream face of logs.
- Log mounted sealing system comprises of intermittent resilient lip seal mechanically fastened on logs and in forced contact with upstream and downstream face of frame.
- Dual flush bottom seals across the width at the bottom of each log to achieve sealing between logs. Bottom seals are secured by seal retainer flats and are replaceable.
- Each log provided with two stainless steel lifting handles on upstream as well as downstream side.
- Lifting handles spaced apart for easy manual lifting or for lifting using lifting beam.

MATERIAL OF CONSTRUCTION:

Depending upon application and requirement, client can select and specify the material of construction option for various components of gate from the alternatives stated on page no. 33.

SHOP TESTING:

- Leakage testing of stoplogs at plant with water filled till top of logs to verify leakage performance. #
- Seat clearance check of each stoplog assembly for clearance between mating sealing faces.
- Movement test for interference free checking movement of logs within frame assembly.

 # Shop leakage test will be carried out only when a test has been specifically agreed to or when a test is specifically stated in specification.