

Incident Learning: What happened?

Injured person (IP) was stepping down from a bund and twisted his ankle resulting in a fracture (LTI).

The employee climbed up the bund wall, holding the rails on the sides. When he was attempting the 180 degree turn to enable descent into the valve pit, he realized he was not positioned correctly to turn safely. So, he decided to go back down and restart. Restarting meant stepping back outside the pit. It was during that process that his foot hit the ground in the wrong orientation leading to the ankle fracture.



What are the learnings for implementation?

- The valve is recessed into the pit, which necessitates climbing into the pit every time it needs to be operated.
- It is possible to raise it along the pipe such that it is at ground level and put grating to close the pit so that it can be operated while standing on the grating. An access hole can be placed to allow for less frequent maintenance access into the pit.
- The inside of the pit is 3.4m deep with no support to prevent accidental falls from the top
- A grating that can be opened to enter the pit can be installed for non-routine maintenance and special circumstances.