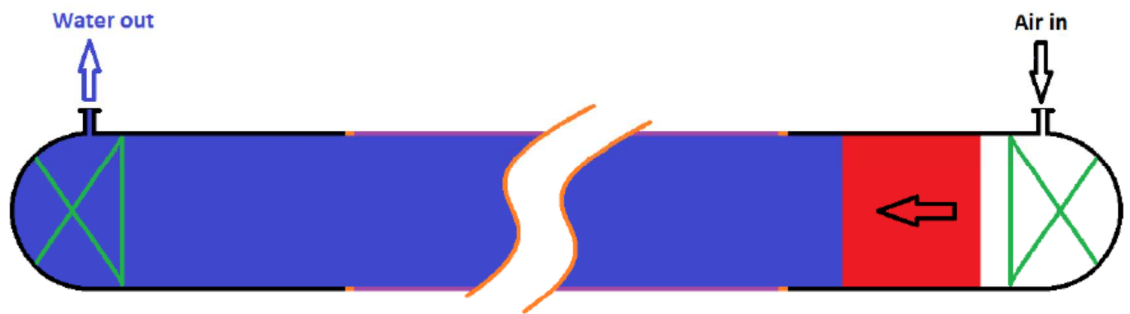


QSHE ALERT 2018-03

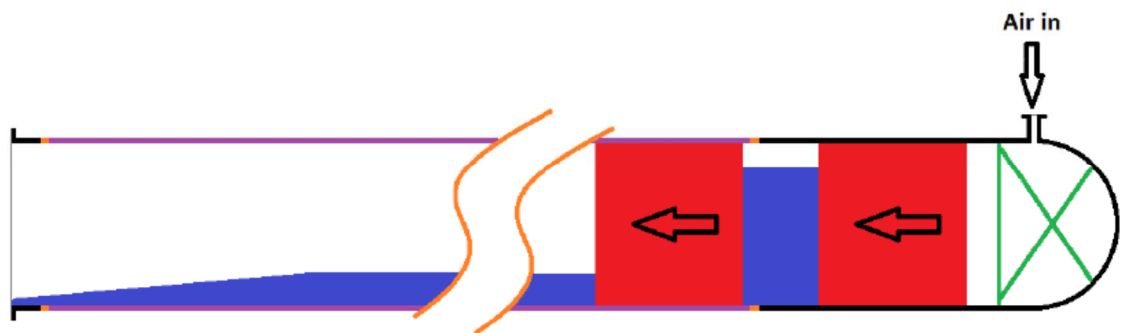
1/ NEVER deviate from a procedure without proper consultation

After performing a resistance test with water, the pipe section has to be emptied.

The normal setup is basically:



This method cannot be followed due to various internal and external factors. A new method was drawn up after very little consultation, with minimal involvement of the site team, without making a new procedure and without carrying out a new risk analysis :



While emptying the pipe with a pressure of +/- 3 bar, the pigs fly like "cannonballs" out of the pipeline. The end of the pipe is located at +/- 10 m from the public road.

Luckily nobody gets hurt.

Learning points :

- Testing and emptying can only be carried out with certified test heads or certified flanges by properly trained personnel (authorized personnel);
- If, for one reason or another, deviations from procedures are required :
STOP WORKING --> CONSULT WITH ALL THE REQUIRED PARTIES -->
MODIFY/VERIFY PROCEDURE AND RISK ANALYSIS --> INFORM EVERYONE BY
GIVING A TOOLBOX (CONSULTATION MOMENT) --> INCREASED SENSITIVITY !!!
- Safety distance : don't forget to include the environment in your risk analysis ;
- (Re)use of test accessories : always start with an internal check ;
- NEVER perform any test activities in case of an open pipe end!
- (Inexplicable) 'sudden' pressure increases : STOP WORKING AND DISCUSS/DELIBERATE THE SITUATION.