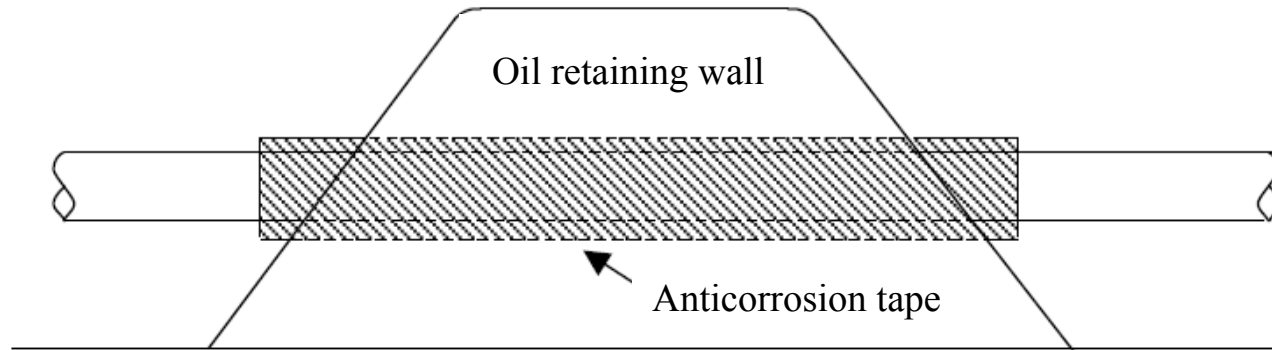


Applicable condition of Atlas EPD Inspection
for Pipe through Oil Retaining Wall

ATLAS *ATLAS CO., LTD.*

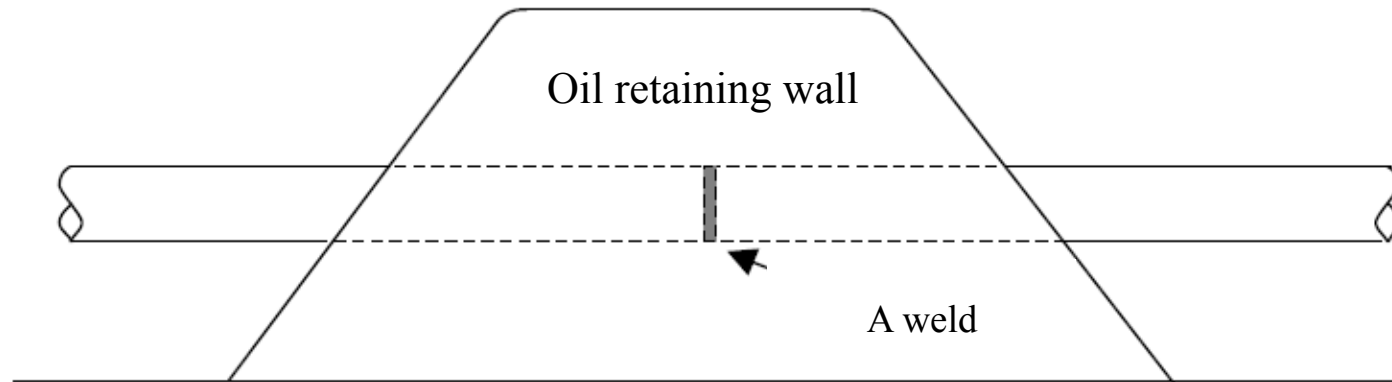
Outside Situation of Concrete, Land elevation,
and Anticorrosion tape, etc.

➔ ◎ inspectable



The inspection is possible for Concrete, Land elevation, Anticorrosion tape, FRP coating, and Galvanization, without influence of outside situation of penetrated pipe.

A weld at penetration section   inspectable



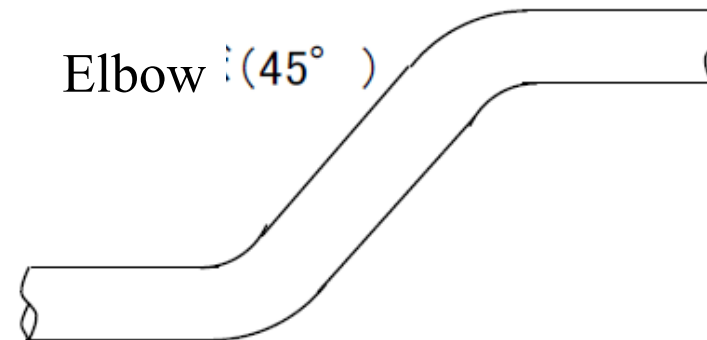
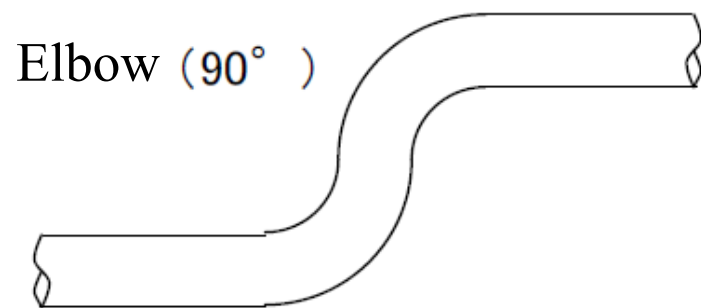
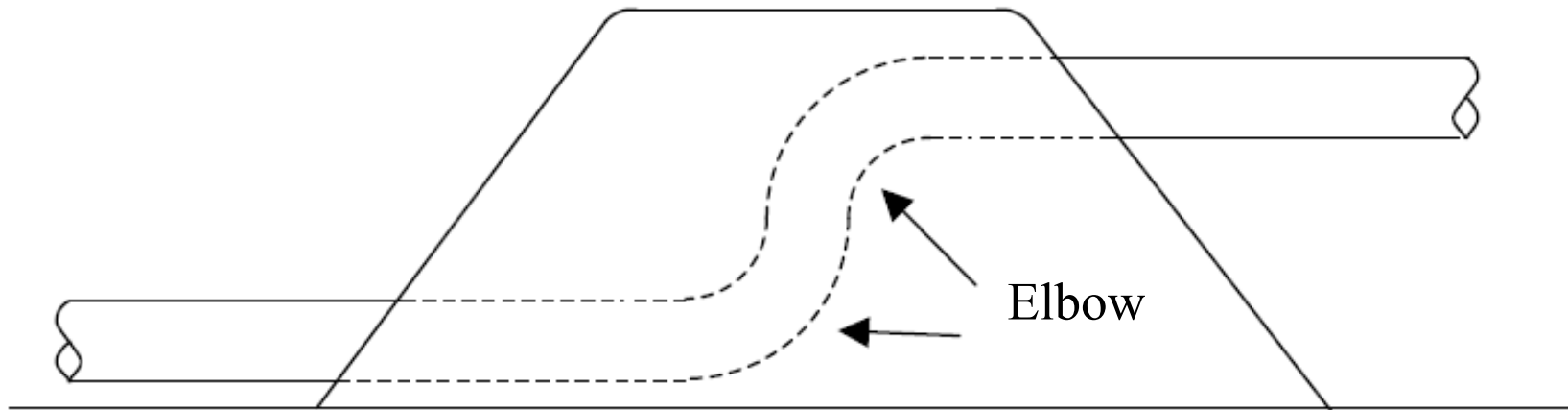
The inspection is possible even if a weld is at penetration section.

Elbow at penetrated section



⊙ inspectable

Oil retaining wall



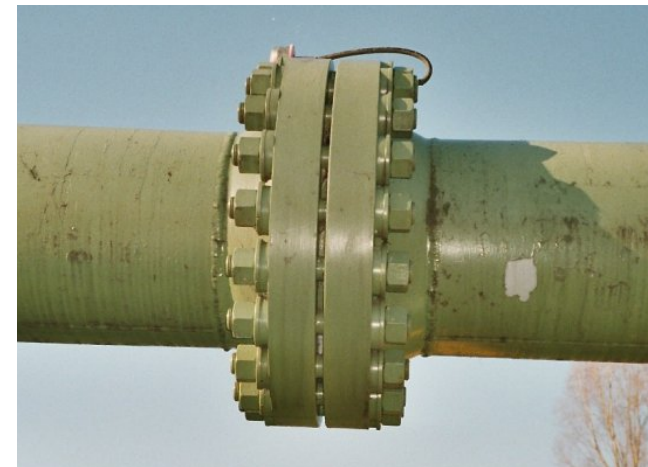
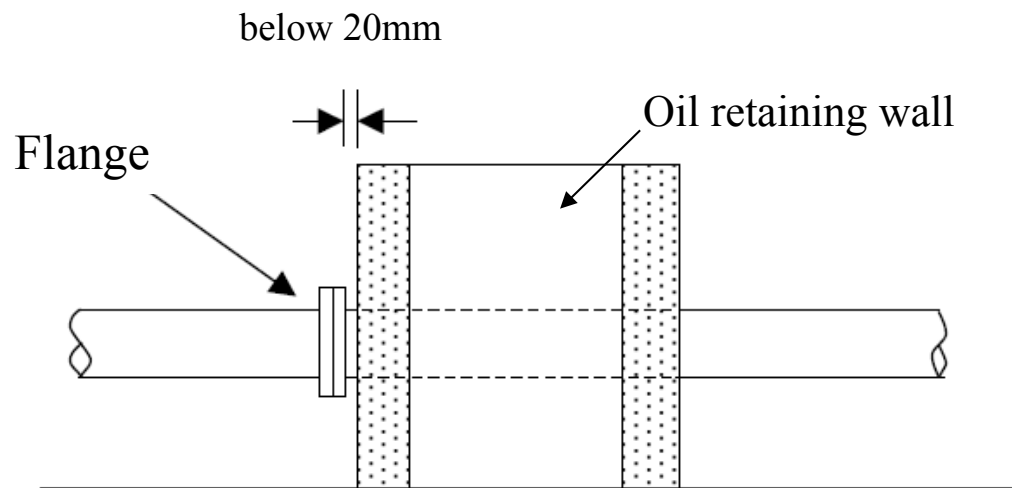
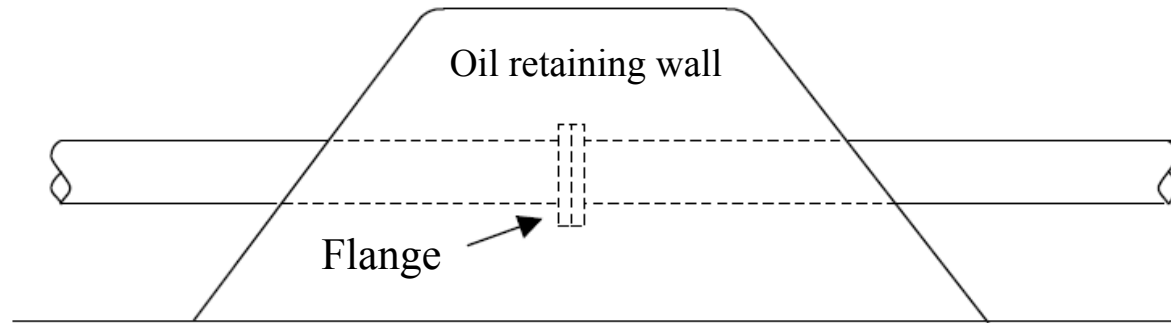
The inspection is possible for the elbow in oil retaining wall.

We need to know preliminary on the elbow type (45° or 90° angle)

A flange at penetrated section



✗ Not inspectable



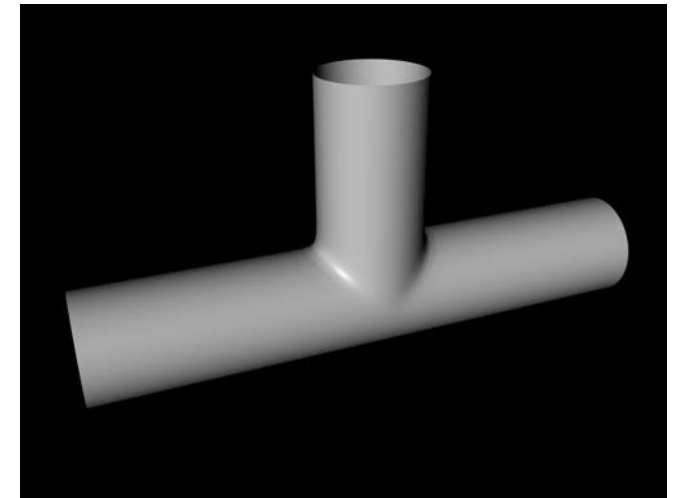
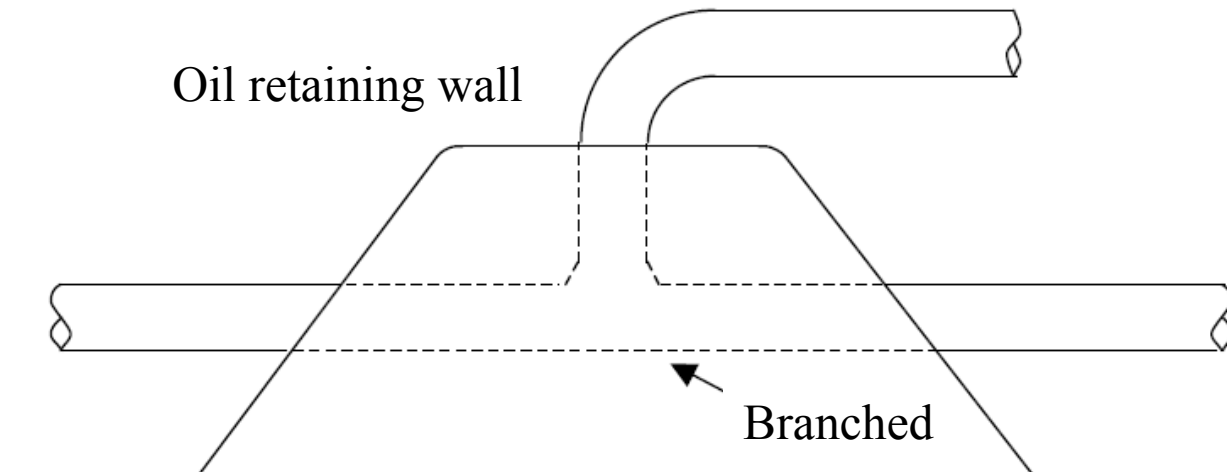
The inspection is impossible for the pipe including a flange and valve in penetrated section.

It's also impossible for the point which the distance between oil retaining wall and the flange is below 20mm.

Branched at penetrated section.



✗ Not inspectable

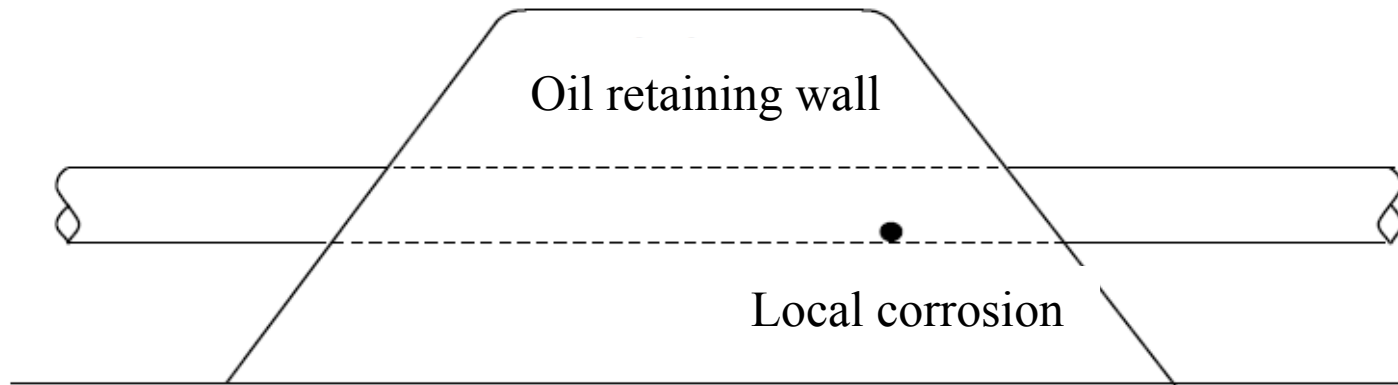


The inspection is also impossible for the pipe which branches in penetrated section.

Local corrosion

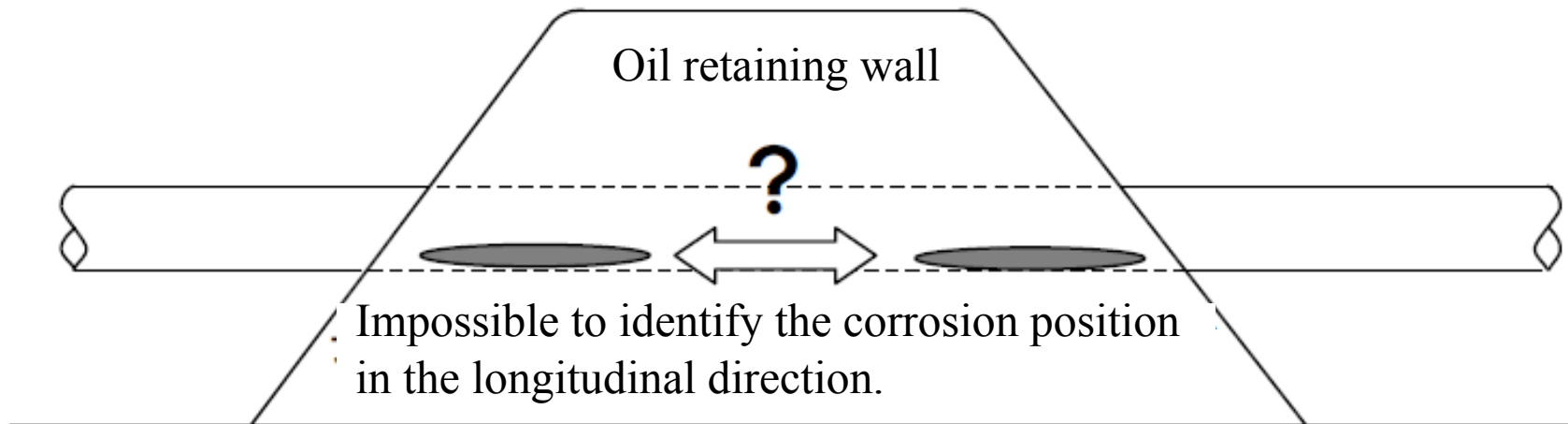


✗ Not inspectable



The inspection is impossible for the very small volume loss such as local corrosion, pitting and crack at welding part.

ETC



Impossible to identify the corrosion position in the longitudinal direction.
It's also impossible to distinguish between internal and external corrosion.