Internal Tank Modelling – Geometry Preparation

- The internal tank surfaces need to be split by the internal fluid waterplane.
- Internal fluid waterplane should be parallel to the Global X-Y plane.
- Currently, we don't need to add in the internal fluid waterplane surface.
- The normal of the internal tank should pointing inward toward the fluid inside.
- The surfaces of an internal tank should be exclusive, i.e.
 - Different internal tanks should not share common surfaces.
 - External structure surface should not share common surfaces with internal tanks.
- An internal tank is not a structure, but a part of the structure, so it needs to share topology with other structure surfaces.



Aqwa Internal Tank Object

- Internal Tank Surfaces: select all the internal tank surfaces
- Fluid Level Definition: select the split line on the internal tank
- Permeability: influence the fluid volume



