flooding

Wind speed

Liquid level and density

Inadequate net tank weight

Sliding or Overturning

Unanchored

Storm surge or riverine flooding

Site location and BFE

Tank size and design

Uplift

Shell buckling

rainfall
Ground shaking

Horizontal acceleration

Vertical acceleration

Owner option to include

Appurtenance

Flexibility

Location

Tank vibration

Overturning

Sloshing waves

Anchorage

Elephants Foot

Roof shell damage

Appurtenance Tearing
Low temp

snow

Fixed roof loading

Floating roof loading

Possible collapse

Possible sinking

Seals sticking to shell

Frozen drain lines

Frozen water bottoms

Ice