

Safety Critical Elements

Table of typical Safety Critical Elements for a Fixed Installation.

PS#	PS Title
1	Layout and Arrangement
2	Structural Integrity
3	Fire and gas detection
4	Emergency shutdown
5	Ignition Source Control
6	HVAC and Natural Ventilation
7	Open Drain / Control of Spills
8	Active Fire Protection
9	Passive Fire Protection
10	Emergency Power and Lighting
11	PA, Alarm and Communication
12	Escape and Evacuation
13	Flare, Vent and Blowdown
14	Process Safety
15	Loss of Containment
16	Vessel Collision Avoidance (Barrier against ship collision)
17	Rescue and Safety Equipment
18	Riser/ Riser Monitoring
19	Subsea Dropped Object and trawl protection
20	Offshore Cranes
21	Well Integrity
22	HMI and Alarm