



D.P.M. STRATEGY

CRITICALITY ASSESSMENT AND HSECEs

SAMPLE CONDITIONS TO DETERMINE IF AN ASSET IS HSECEs

Critical structures whose failure could lead to a multiple fatality accident, such as offshore platform jackets and accommodation unit topside support structures.

Equipment where loss of integrity could result in an escape of fluid under pressure or hazardous material with the potential to cause harm to people and/or the environment.

Structures supporting equipment where loss of integrity could result in an escape of hazardous material with the potential to cause fatality and/or damage to the environment.

Structures designed to protect other structures or equipment from the full force of an impact which other wise has the potential to cause major accidents.

Integrity protection systems such as relief valves, instrumented protective systems and restriction orifices that protect the plant from loss of containment as a result of exceeding design conditions.

Other equipment and systems which play a significant role in preventing major accidents such as navigation aids (navaids).

Area classification systems and procedures designed to prevent ignition in case of an escape of flammable material. This includes, amongst others equipment such as ventilation systems that may be necessary to maintain the correct area classification.

Release control equipment and systems such as emergency shutdown, non-return valves and blowdown, which are designed to limit the quantity of hazardous material involved in an incident.

Secondary containment equipment and systems designed to restrict hazardous materials spreading from a spillage location into other areas.

Fire and explosion suppression equipment and systems where people could otherwise be at risk.

Incident control equipment such as water sprays, foam systems and search and rescue equipment.

Is it a electric PSU

Is it a Hydraulic PSU

Portable gas monitoring and gas testing equipment, used either to supplement, or complement fixed equipment and systems, or for certifying safe conditions for work, e.g. prior to undertaking hot work or confined space entry under Permit to Work (PTW).

Personnel protective equipment for general use in an emergency such as life jackets, breathing apparatus, fireman's gear, etc..