

GLOSSARY

ALARP: (As Low As Reasonably Practicable) is a term used to define tolerable risk acceptable only where risk reduction is impracticable or cost benefit analysis is carried out and judgment made that cost of risk reduction is grossly disproportionate when compared to the actual risk reduction that would be achieved. ALARP means to reduce a risk to a level which is as low as reasonably practicable and involves balancing reduction in risk against the time, trouble, difficulty and cost of achieving it.

CONSEQUENCES: Consequences are the results of the failure of controls (or the absence of controls) to prevent an incident. They are usually expressed in terms of injury, loss or damage to People, Assets, Production, Environment and Reputation.

HAZARD: A source of potential harm or damage, or a situation with potential for harm or damage.

FREQUENCY: Is the number of occurrences of an event per unit time.

INCIDENT: An Incident is a general term for any unplanned event, or chain of events, which has, or could have caused, injury, illness, damage or loss. It is used to include all accidents and near misses.

LSIR: (Location Specific Individual Risk) is the risk for a hypothetical individual who is positioned at that location for 24 hours a day 365 days per year. Since in reality people do not remain continuously at one location, LSIR is a notional risk measure.

IR: (Individual Risk) is the risk imposed on an individual; which takes into account his/her occupancy or work pattern within the vicinity of the prescribed hazard, usually expressed as Individual Risk Per Annum (IRPA).

RISK: Risk is the product of the measure of each of the consequences of an event and its associated likelihood

Risk = Consequence x Likelihood

SOCIETAL RISK: Societal risk is generally used to describe multiple injury accidents/fatalities or to describe risks to ‘unnamed’ individuals, which could include the public and is usually described by F-N Curves (Frequency vs. Fatalities listed in increasing order of magnitude where F denotes the Frequency of N fatalities or more per year; and N denotes the Number of fatalities).