**Organisational Risk Management** is the identification, assessment, and prioritization of Risks followed by coordinated and economical application of resources to minimize, monitor, and control the probability and/or impact of unfortunate events or to maximize the realization of opportunities.

Integrated Technical Risk Management (ITRM) is not only the integration of Safety, Health and Environment Risks (SHE Risks) into one system but also the integration of all the SHE Risk activities and initiatives into one focused risk reducing effort driven within the business processes of the organisation. In addition to the above, risk management should be re-directed from being based on Lagging Indicators (SHE performance statistics) to being directed by Leading Indicators

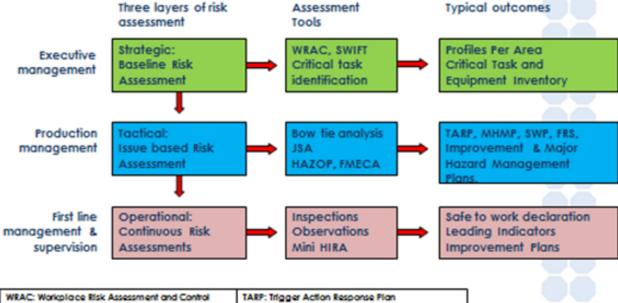
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Integrated Technical Risk Management is part of Operational Risk Management in the Expectra OBM™ model and should not be viewed as a separate process, nor as a loose standing initiative that do not relate to the other activities of the organisation. The relationship between 

T

echnical Risk Management
and
Human Risk Management
as two parts of
Organisational Risk Management
is illustrated in the diagram below.

## THREE LAYERS OF RISK ASSESSMENT



WRAC: Workplace Risk Assessment and Control
SWIRT: Structured What If Technique
JSA: Job Safety Analysis
HAZOP: Hazard and Operativity Assessment

HAZOF: Hazard and Operability Assessment FMECA: Fallure Mode Effect Officiality Analysis TARP: Trigger Action Response Plan
MHMP: Major Hazard Management Plan
SWF: Standard Work Procedure
FRS: Fatal Risk Standard
HIRA: Hazard Identification and Risk Assessment



KEN DE HOURES OF THE ANTE OBATED TECHNICAN RISK MANAGEMENT DE POE ECOCISS"

