



Personnel

RISK FACTOR IS Consequences X Probability		Personnel			
Probability L...	Description	Medical treatment	LTI	Temporary Disability	1 fatality or permanent disability
1	Very Unlikely or Not Probable (once in 100 years)	1	2	3	4
2	Unlikely or Low Probability (once 10-100 years)	2	4	6	8
3	Possible or Probable (once 1- 10 years)	3	6	9	12
4	Likely or Very Probable (1 month - 1 year)	4	8	12	16
Risk Rating					
LOW RISK	ACCEPTABLE RISK - WORK PROCEEDS NORMAL - Risk Factor =				<= 3
MEDIUM RISK	ACCEPTABLE RISK - EXERCISE CAUTION WITH THESE HAZARDS - Risk Factor =				> 3 <= 8
HIGH RISK	UNACCEPTABLE RISK - WORK CANNOT PROCEED TILL FURTHER MEASURES - Risk Factor =				> 8

Environment



HEALTH, SAFETY, ENVIRONMENT AND QUALITY MANAGEMENT SYSTEM

Risk Assessment Matrix

HSE PROCEDURES MANUAL

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Rev : 10.0
Appr : BMM

RISK FACTOR IS Consequences X Probability		Environment			
Probability Level	Description	Contained onboard and < 1 bbl	Contained onboard and > 1 bbl	Into the Environment and < 1 ...	Into the Environment and > 1 ...
1	Very Unlikely or Not Probable (once in 100 years)	1	2	3	4
2	Unlikely or Low Probability (once 10-100 years)	2	4	6	8
3	Possible or Probable (once 1- 10 years)	3	6	9	12
4	Likely or Very Probable (1 month - 1 year)	4	8	12	16
Risk Rating					
LOW RISK		ACCEPTABLE RISK - WORK PROCEEDS NORMAL - Risk Factor =			<= 3
MEDIUM RISK		ACCEPTABLE RISK - EXERCISE CAUTION WITH THESE HAZARDS - Risk Factor =			> 3 <= 8
HIGH RISK		UNACCEPTABLE RISK - WORK CANNOT PROCEED TILL FURTHER MEASURES - Risk Factor =			> 8

Property

RISK FACTOR IS Consequences X Probability		Property			
Probability Level	Description	Negligible Insignificant (Les...	Damage to equipment requir...	Localised Damage to equi...	Damage to equipment resultin...
1	Very Unlikely or Not Probable (once in 100 years)	1	2	3	4
2	Unlikely or Low Probability (once 10-100 years)	2	4	6	8
3	Possible or Probable (once 1- 10 years)	3	6	9	12
4	Likely or Very Probable (1 month - 1 year)	4	8	12	16
Risk Rating					
LOW RISK		ACCEPTABLE RISK - WORK PROCEEDS NORMAL - Risk Factor =			<= 3
MEDIUM RISK		ACCEPTABLE RISK - EXERCISE CAUTION WITH THESE HAZARDS - Risk Factor =			> 3 <= 8
HIGH RISK		UNACCEPTABLE RISK - WORK CANNOT PROCEED TILL FURTHER MEASURES - Risk Factor =			> 8



Service Loss

RISK FACTOR IS Consequences X Probability		Service Loss			
Probability Level	Description	Less than \$10000	\$10,000 - \$100,000	\$100,000 - \$1 mil	\$1 mil to \$10 mil
1	Very Unlikely or Not Probable (once in 100 years)	1	2	3	4
2	Unlikely or Low Probability (once 10-100 years)	2	4	6	8
3	Possible or Probable (once 1- 10 years)	3	6	9	12
4	Likely or Very Probable (1 month - 1 year)	4	8	12	16

Risk Rating

LOW RISK	ACCEPTABLE RISK - WORK PROCEEDS NORMAL - Risk Factor =	<= 6
MEDIUM RISK	ACCEPTABLE RISK - EXERCISE CAUTION WITH THESE HAZARDS - Risk Factor =	> 6 <= 8
HIGH RISK	UNACCEPTABLE RISK - WORK CANNOT PROCEED TILL FURTHER MEASURES - Risk Factor =	> 8