



2009 OSD HSE PLAN

GOAL ZERO

COMPLIANCE

Action	Target	Action Party	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	HSE-MS Element
1	Attend tool Box Talks	Area Work force	Supervisors, HSE Advisors and Leaders. Monthly												1
2	Mandatory HSE and Professional Safety courses	All staff	OSD Supervisors. 100% Compliance within 3 months of due date												3
3	Health Risk Assessments (HRA) Training	PDO Supervisors & Contractors HSE Advisors.	OSE/3X, MSE/32, OSO/1X, OSO/4x. BHJ MRL NMR 100%												4
4	Environment awareness Training	PDO staff	1) OSS/x 2) OSO/1x. BHJ NMR MRL												4
5	Activity areas maps updated each shift	Activity Areas	OSSX. Shift wise												4
6	Area Emergency Exercises	BHJ NMR MRL	OSO/1/4X OSE/3X. As Per Area Schedule												4
7	Evacuation Station Drills	Station Emergency Evacuation	OSO/1/4X OSE/3X. As Per Area Schedule												4
8	Audit, Fountain & Areas HSE Plan actions close out	Audit and Fountain actions	OSSX. Monthly												5
9	OSD Contract Holders to report on consequence management in their contracts	OSD Contracts	CH. BHJ 23-24, NMR 4-5, MRL 6-7, BHJ 21-22												8
10	Update PTW Boards	PTW Boards	OSOB-OSOM-OSON. 25%, 50%, 75%, 100%												6
11	Update noise maps	Area Noise Maps	OSOB-OSOM-OSON. 50%, 100%												6
12	Inspect Production facilities	Production Facilities	As per Areas schedule												6
13	Inspect Non production facilities	Area Non Production Facilities	as per Areas schedule												6
14	Level one PTW Audit (PR 1172)	PTW System	OSOX, OSSX, OSE/3X, MRL NMR BHJ												7
15	Perform Level 2 Audits	All interior locations- PDO and Contractors.	OSSX. As per UOP/7 Schedule												7
16	Update the Safety Pledge Supervisors to keep the part of Pledge Card	OSD Staff	All staff. X												1
17	Practises the 3 HSE golden rules and 8 PDO house Rules	HSE Golden Rules and PDO House Rules	All staff. X												2
18	Journey management audit.	PDO & Contractors	OSO/4x OSO/8M OSE/3X. BHJ MRL NMR												7
19	Ensure catering suppliers are HACCP food Safety Management System) compliant. Produce a status report	Caterers in an Area	OSO/81X. BHJ MRL NMR												6

INTERVENTION

Action	Target	Action Party	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	HSE-MS Element
1	HSE Themes for PDO and Contractors	Area Work force	OSO/1/4x, OSE/3x. Monthly												1
2	Arrange a health talk and ensure it focuses on the hot topic of the time	Area Work force	OSO/81X. BHJ MRL NMR												3
3	STOP Db analysis	Observations Db	OSSX. Monthly												4
4	Hazard Identification Training	Non Supervisory Staff	OSE/3X, OSO/1X, OSSM, OSSM. 100%												4
5	HSE MS (SAD)	PDO Staff	OSSX. Q2												6
6	Vehicle spot check	PDO & Contractor's vehicles.	OSO/1/4x, OSE/3x. MRL NMR BHJ												7
7	Conduct STOP Audits as per OSS guidance.	PDO Supervisors & Supervisors	Div, Managers & Supervisors. 50%, 100%												7
8	Inspect and report on Waste Management yards status	Waste Yards	OSSX. BHJ MRL NMR												7
9	Visual Inspection and report on RO Plant status	OSD RO Plants	OSSX. BHJ MRL NMR												7
10	Inspect and report status of Staff Kitchens (follow Area Kitchen Inspection plan)	PDO and Contractor Kitchens	OSSX. BHJ MRL NMR												7
11	OSD Incidents Review - Medium and high potential incidents + Outstanding actions from PDO / Fountain tracking system.	OSD Incidences	OSD LT. MAF												8
12	Review Low Potentials and STOP observations analysis	Low potentials and STOP observations analysis	OSO/1X. Monthly												8
13	Review Area HSE Performance	Production, Maintenance, business & engineering	OSO/1X, OSO/3X, OSO/4X, OSO/61X. Monthly												8
14	Participate in well Engineering HAZOP Review	4 Petroleum Technologists	OSP. ZPE												8
15	Update HCS Maps and NORM Close for all OSD fields	OSD Fields	OSP. X												4
16	HSE Seminar	Align and Update focus on Goal Zero in a day seminar	OSS. MRL NMR BHJ												4
17	Inspect and report on STP	Sewage Treatment Plant	OSSX. BHJ MRL NMR												7
18	Assess HSE competence of HSE Critical Positions Level and level 2	HSE Critical Positions	OSON, OSOM, OSOB, OSE/3. BHJ MRL NMR												4
19	Manage activities involving radiation including NORM and report on status	NORM contamination	OSO/81X. BHJ MRL NMR												3

RESPECT

Action	Target	Action Party	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	HSE-MS Element
1	Joint Management Site Inspection	BHJ NMR MRL	OSO, OSD, OSP, OSE. As Per MSC JMRI Plan												1
2	OSD HSE LT Visit and HSE Plan Review	OSD LT	MRL 5-6, BHJ 23-24, NMR 4-5, MRL 6-7, BHJ 21-22, NMR 2-3												1
3	Coast HSE walk about.	Coast work places.	OSD LT. X												1
4	Wellness walk	Area Work force	Area wellness committee. As Per Area Schedule												3
5	HSE Personality of the month	Area Work force	OSO/1/4X, OSE/3X. Monthly												3
6	NO LTI Club meetings	Area Work force	OSO/1/4X, OSE/3X. As Per Area Schedule												3
7	Defensive driving course DD-01 (Black top) includes families.	Staff and their Families	OSP, OSE, OSO, OSP. 17%, 34%												3
8	Coordinate of ISO 14001 audit	ISO 14000	OSSX. BHJ MRL NMR												5
9	Coordinate OH roadshows to all interior locations both shifts (MSE/32)	OH road shows	OSSX. BHJ MRL NMR												5
10	Lunch with Injured Parties	Injured Parties	OSD LT. 7												1
11	Restore all legacy sites in OSD	Legacy sites	OSE/28N. 25%, 50%, 75%, 100%												6
12	Participate in HSE Audits	Petroleum Engineers	OSP. 3 staff, 3 Staff												7
13	Dispose in line with agreed HSE strategy waste tyres and waste wood. Report amount in your Areas.	Waste wood & Waste tyres	OSO/81X. BHJ MRL NMR												4

القواعد الذهبية للصحة والسلامة والبيئة بالشركة

- أنت وأنا يجب علينا ما يلي ،
 • الالتزام بالقوانين والمعايير والإجراءات
 • التدخل في حالة وجود أفعال لا تتفق وقواعد السلامة أو مخالفة للإجراءات والضوابط بها.
 احترام جيراننا

جون مالكون

المدير العام لشركة تنمية نفط عمان

PDO HSE GOLDEN RULES

- You and I :**
 • Comply with the law, standards and procedures.
 • Intervene on unsafe or non-complaint actions
 • Respect our neighbors

John Malcolm

MD, PDO

OSD EXPECTED STAFF BEHAVIOURS 2009

- Ownership**
- I know my responsibilities and accountabilities.
 - I deliver on my promises.
- Follow Through**
- I do effective action logging and tracking.
 - I do what is required without being chased.
- Urgency**
- I act quickly to find solutions and resolve issues.
 - I know who to ask for help.

SOUTH OMAN FIELDS EXL. BIRBA & HARWEEL - FLARE FORECAST FOR 2009

Station	South LP Flare Forecast (km3/d)		AP+LP Flare Forecast (km3/d)	Total	Action party
	LP Flare Total	Continuous	Intermittent		
Anzaul	58	45	3+13	61	OSOB
Zauliya	30	0	9 + 30	39	
Bahja	21	5	0 + 16	21	
Sayyala	4	4	8 + 0	12	
Suwahat/Wafra	0	0	20 + 0	20	
Sadad	0	0	0	0	
Rima	0	0	12 + 0	0	OSON
Al-Noor	140	0	23 + 140	163	
Nimr	0	0	20 + 0	20	
Marmul + RTQ	109	0	64 + 109	173	OSOM

South Production areas oil spill volume targets for 2009- exl. Birba & Harweel

Production Area	Cumulative Oil Spills Target (m3)	Action party
Nimr/Rima	40	OSO/61
Marmul	18	OSO/61
Bahja	14	OSO/6
Total	72	

2009 TARGETS KPI	TARGET
OSD Work Related Fatalities	0
Number of Occupational Illnesses cases	5
Minimum Consecutive days between significant events	52
Number of Safety days Without Significant events	338
Road Traffic (No. of Rollovers and accidents causing Injuries)	15
LTI/F	0.66

KEY	
A/A	As Applicable
B-J	Bahja
NMR	Nimr
MRL	Marmul
PTW	Permit to Work
WPAI	Workley Persons Arabian Industry
ATE	Al Turki Enterprises
PT	Petroleum Technologist

STOP AUDIT FREQUENCY

Position	Stop Safety Audits Frequency
Foremen / Supervisor on Site	1 per week
Co-ordinators (Production Maintenance and Engineering)	1 per fortnight (shift)
Delivery Team Leaders (DTL)	1 per Month
Managers	1 per 3 Months
Director	1 per 6 Months
Area HSE Advisors	2 per week