

Q1 Corporate Health, Safety and Environment Message 2016

Colleagues,

This is an update of the Corporate HSE plan during Q1 of 2016. The plan focuses on six areas with a total of 19 high-level actions as listed below:

2016 Corporate HSE Business Plan				
Focus Areas	Champions	Leader	Action Item	Performance Measure
Road Safety	XD OND	MSE7	Implement recommendations of the Tyre study.	100% Completion of recommendations by set deadline.
			Continue with planned installation of the solar self-lit reflectors in PDO roads.	Installation of the reflectors for 292 km in South and 143 km in North.
			Conduct road safety engagement sessions in all PDO operation areas	Run at least 50 sessions in across PDO
			Combine RAS with ROP Automated Vehicle Inspection at Fahud for the North Operation.	Completing the project and launching the activities.
		UWL	Integrate Safe Journey Management system with IVMS and Centralize monitoring of Journeys for all PDO and Contractors.	Full implementation of the functionality of the system for all PDO Journeys.
			Progress the new commuting strategy for PDO and Contractors staff to/from the interior locations.	Implement extra flights to the South to cater for the remaining contractors staff and achieve more than 80% of area coverage.
Worksite Hazards	UWD GD	MSE11	Design and Develop PDO specific BBS program and Implement across PDO including Contractors.	Implementation of the program in June 2016.
		MSE13	Develop and Roll-out of HSE Leadership program for FLS through HSE Advisers and Field Standard Officers.	As per Implementation Plan.
			Develop and Roll-out of Hands and Fingers Injury Prevention program and campaigns with Well Engineering.	Implementation of the program in May 2016.
Asset Integrity - Process Safety	UEOD OSD	UOM	Conduct site awareness sessions on AIPS and enroll identified PDO Engineering and Contractor critical staff on AIPS online training.	Conduction of 6 site awareness AIPS sessions and 90% of selected staff completing the online training.
			Closing Gaps identified in "Letter of Assurance" covering all PDO oil and Gas producing assets.	100% Completion of actions by set deadline.
		MSE4	Roll out AI-PS "Incident Data Book" across all PDO.	Conduct at least 8 sessions to cover all PDO operation areas and CPD projects
Contract HSE Management	FD PCD	MSE1	Directorates to conduct HSE competence assessment, manage the gaps for Contract Holders and Contract Site representatives responsible for Medium/High HSE Risk contracts.	Complete SAP Assessments of 50% of all Directorates relevant staff.
			To enhance the HSE in Contracts, conduct HSE contract Workshops for Contract Holders and Contract Site Representatives in (PR1171 Part I). Workshops will cover accommodation and welfare sessions.	Conduct two workshops in each of the asset areas (Coast, Lekhwair, Yibal, Fahud, Qarn Alum, Bahja, Nimr, Marmul, Harveel).
Environment	UID UPD	MSE2	Implement 2016 activities as listed in the Environmental Strategy road map.	100% completion of the activities by set deadline.
			Map out PDO SOx and NOx emission exposure across PDO projects and facilities.	Production of a report with SOx & NOx emission levels map, dispersion analysis and reduction options.
Health and Welfare	MD EAD	MCC	Conduct audits to verify compliance with FTW standards and clinics requirements and progress with PRISM.	Conduct one audit in each of the asset areas (Coast, Lekhwair, Yibal, Fahud, Qarn Alum, Bahja, Nimr, Marmul, Harveel).
			Conduct health awareness sessions on lifestyle issues pan PDO. Sessions to include related MDIRC recommendations.	Conduct at least 6 sessions.
			Develop a and roll out Alcohol & Drugs Policy and associated procedure. Implement the randomized alcohol & drugs test as specified in the policy and procedure.	Development and roll out of the policy and procedure by Q1. Conduction of at least 200 random tests on alcohol & drugs by Q4.

Road Safety

The recommendations from the tyre study were reviewed with MDC HSE Steering Committee and the green light was given to involve the other stakeholders and ensure aligning the recommendation execution plan with them.

We are currently in the final stage of price negotiation with the selected supplier for the solar self-lit reflectors; proposal will be reviewed with the Minor TB in April 2016.

Driving Forum sessions are run as planned with effect from 1st March 2016; so far a total of 7 DF sessions and 12 Rig sessions conducted.

MDC HSE Steering Committee endorsed the proposed RAS mobile units under the management of SME and ICV involvement.

The Journey Management Control Centre has been formed and implementation is in progress with good results. Performance in terms of violation has improved after the introduction of the control centre.

Commuting strategy is in being developed and proposals will be presented to the steering committee in April 2016.

Worksite Hazards

Design of BBS blue print was completed and presented to MDC HSE Steering Committee on 7th of March and endorsement was received. It was agreed that a pilot would be run in well engineering in the In-Sourcing as well as one local contractor. Current work is ongoing on the detailed design of the training material, communication strategy and the BBS database. It was agreed that HSE TL for each directorate would be the BBS focal points. Once the pilot is proved successful it will be advertised to contractors in early 2017.

Front Line Supervisors was developed and customized to Well Engineering business and risk with focus on Drops and Hands & Fingers. Defined and agreed on the criteria/qualifications of FLS Facilitators. Identified 17 FLS facilitators in Well Engineering (e.g Team Leads). 17 UWD Leaders were trained and certified as Frontline Safety Leaders/Facilitators. 4 FLS workshops were conducted with Senior Well Engineers, Field Coaches, Field Standard Officers, DSVs, Hoist Supervisors, and Operations Manager, HSE Managers of Dalma Energy, Ba Omar, Saxxon and Abraj, including Toolpushers from Dalma. A total of 17 Facilitators trained and certified, and 75 UWD staff and contractors trained and Personal Action plan generated.

The Line of Defence (LOD) package for Hands and Fingers, and Drops have been developed with the lead from UWZ and signed off by the Champions from Weatherford and UWD Team Lead. A train-the-trainer program is set for Drilling Superintendent and Operations Managers of Well Engineering contractors- on the 14th April.

Asset Integrity - Process Safety

AIPS on-line training for PDO engineering staff is progressing well with more than 1080 completed the training, this will be extended to contractor staff in Q3. 3 on site awareness sessions were conducted and covered more than 600 of contractors staff at coast and interior.

All assets have developed comprehensive plans to close the LoA gaps, this was reviewed and endorsed by TGD during gemba walk on the asset on 21 Feb'16. Progress being followed and this is a continuous process following the sign off of LoA and engagement with TD/Function.

Feedback HSE Plan Databook – March 2016:

- Over 8500 hits to date on Databook website, with 750 discreet users.
- Databook contains 50 Tier 1 Incidents (2012 to today) – 2 Tier's in 2016
- Al Fahal article on Databook launch prepared – Publish for April issue
- 5 Roll Out Session held with total of 100 participants (UWD HSE, UWI, UIPT, AIPS team)
- Updated Back up material under 'Statistics' – Tier 2 listing, compiled statistics
- Shared AI-PS Near Miss Example with DTLs (attached)

Plan Forward – April

- Demo of Databook during MD Deepdive/ GD Pattern #3
- Update 2015 & 2012 Tier 1 entries

Contract HSE Management

The web based competence questionnaire has been sent to all Omnicom listed contract staff. This will present an up to date measure of the 2016 targets. We will focus on high and medium risk contract holders for the assessments. HSE 2 day mandatory workshops continue as part of the CHCS requirements. Notwithstanding we will look to attain a SAP based record of the assessments so that this is sustainable (reason some directorates are currently keeping separate records in excel sheets).

The field HSE workshops have commenced in MAF with Marmul and Fahud also organized (booked).

Environment

Environment Legal Register and Evaluation of Compliance:

- PDO environmental legal register is now updated, the register now consists of 43 regulation (RDs/MDs), including 193 related articles.
- The legal register is now uploaded in PDO intranet.
- Phase I of the project is to review the current compliance status across PDO and it completed.
- ISO 14001 previous findings, teams inspections, L2 and L3 audit report were reviewed and all information were collected.
- Compliance Monitoring Tool (CMT) was developed to collect all the information (as stated above), to monitor the current status of compliance across PDO (6 clusters completed).
- 2 MECA inspection conducted in 2016 to QA and Lekhwair, and the findings were reflected in CMT.
- Development of MSE2 Environmental Inspection Matrix (EIM). Each team member will then feed the CMT and ensure site verification.
- Review of ISO 14001 2nd Surveillance audit findings is on-going.

- * A list of combustion sources has been completed. As an added initiate a collaborative project with Geomatics team to develop this map as an environmental layer on PDO earth has been started.
- * A detailed methodology to calculate SOX and NOX emissions has been compiled and documented.
- * Analysis of SOx & NOX emission levels from PDO power plants and comparison with regulatory limits has been completed. Work is still on going to complete the analysis for rest of combustion sources.
- * QAS was chosen as the site to conduct dispersion analysis, due to high SOX emissions and the modeling has been successfully conducted for QAS.

Health and Welfare

All existing medical facilities comply with clinic requirements as per SP1230 and all current staff are fully certified by MoH and ACLS. There is a need to introduce ATLS. Fitness to work is implemented in over 80% across PDO. The audit of 100 FtW samples from each clinic will commence in Q2. However, it is noted the main concern is in medical care provision and this is where challenges occur and the risk of NADs. Thorough monthly KPI random sample review is being conducted.

2 health sessions were conducted in MAF and at least one session of 1 major health subject in each other locations. There are few other short sessions in each interior locations conducted during HSE activities. Need to create themes which then roll out in all locations including all contractors.

The draft Alcohol & Drugs policy is completed but will need to discuss with PCR and FLG on implementation and consequences.

The Quarter Lowlights:

There were 6 LTIs happened during Q1; 2 Non Accidental Deaths and 2 Tier-1 AIPS incidents.