

قطر للبترول
Qatar Petroleum



DRILLING DEPARTMENT

Implementation of Occupational Health and Safety Management System

DOIRC # 28, 11th May 2011

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Operations Engineer

Sharing Drilling Experience Obtaining the OHSAS18001-2007 Certificate

OHSAS 18001-2007

O : *Occupational*

H : *Health*

S : *Safety*

A : *Assessment*

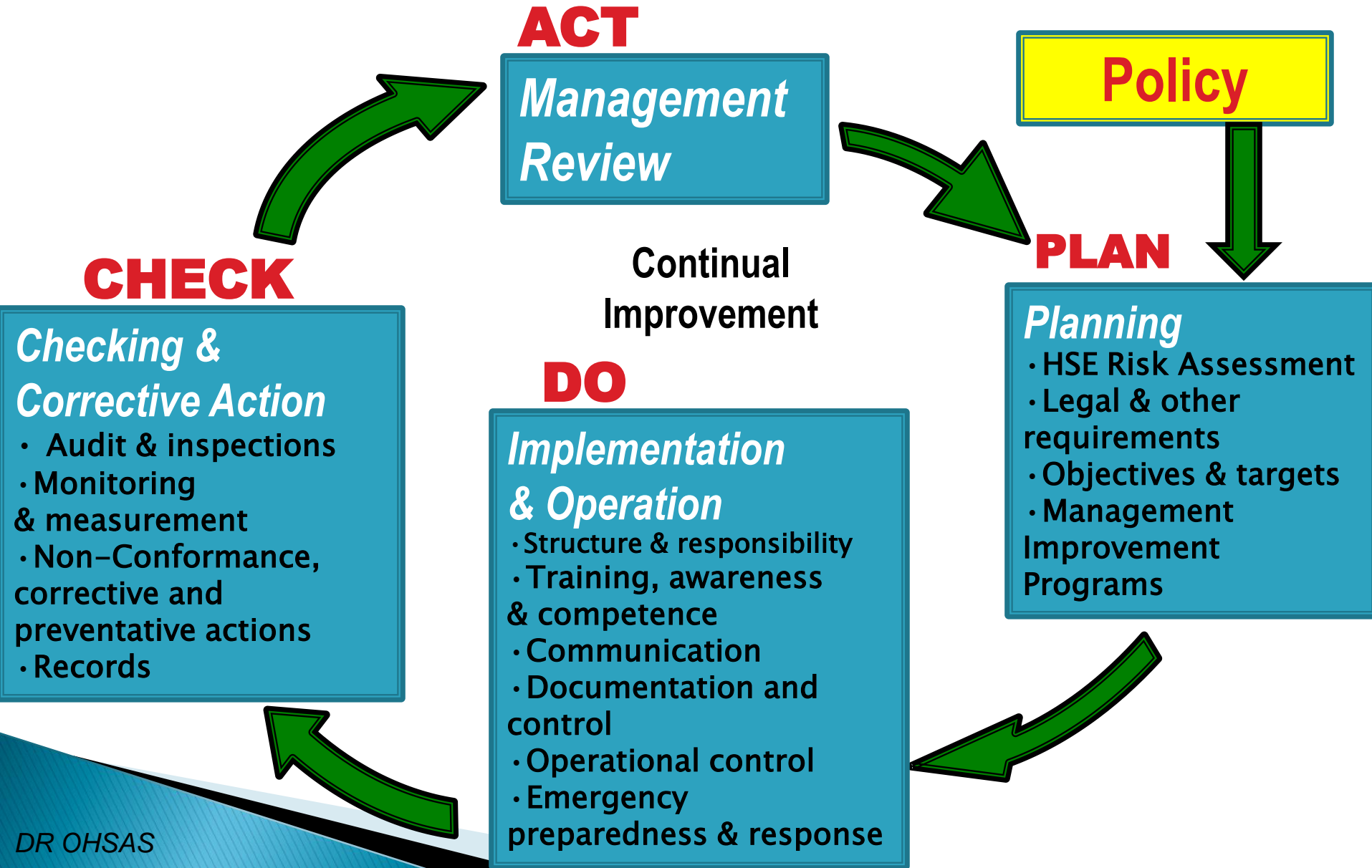
S : *Series*

OHSAS 18001 is an optional and can be adopted by any organization wishing to implement a formal procedure; to reduce the risks associated with health and safety in the working environment for employees, customers and the general public.

Benefits?

- Reduce the exposure to OHS risks associated with the organizations activities
- Greater assurance of conformance with OHS policy
- Demonstration of conformance to 3rd parties.
- Consistent and proven management approach to H&S risks, present and future
- Deployment of method for continual improvement of the OHS MS

OHSAS 18001 Requirements



Gap Analysis as of March 2010

X
Audit

(Need to enhance in-house audit capacity, Carry out Audits)

✓
Operational Control

(Controls in place not well documented)

X
Legal & Other Requirements
(Awareness but no documentation
Weak OHS Legislation)

✓
Leadership & Commitment

(DO Mandate)

✓
Management Review
(System in Place. But not OHS Focused)

✓
Monitoring & Measurements

(Some level of monitoring ongoing
Need further enhancement)

X
Risk Assessment and Development of Hazard Register
(Known hazards but not properly documented.
Immediate Task)

✓
HSE Policy

(DO HSE Policy recently issued.)

✓
Emergency Preparedness

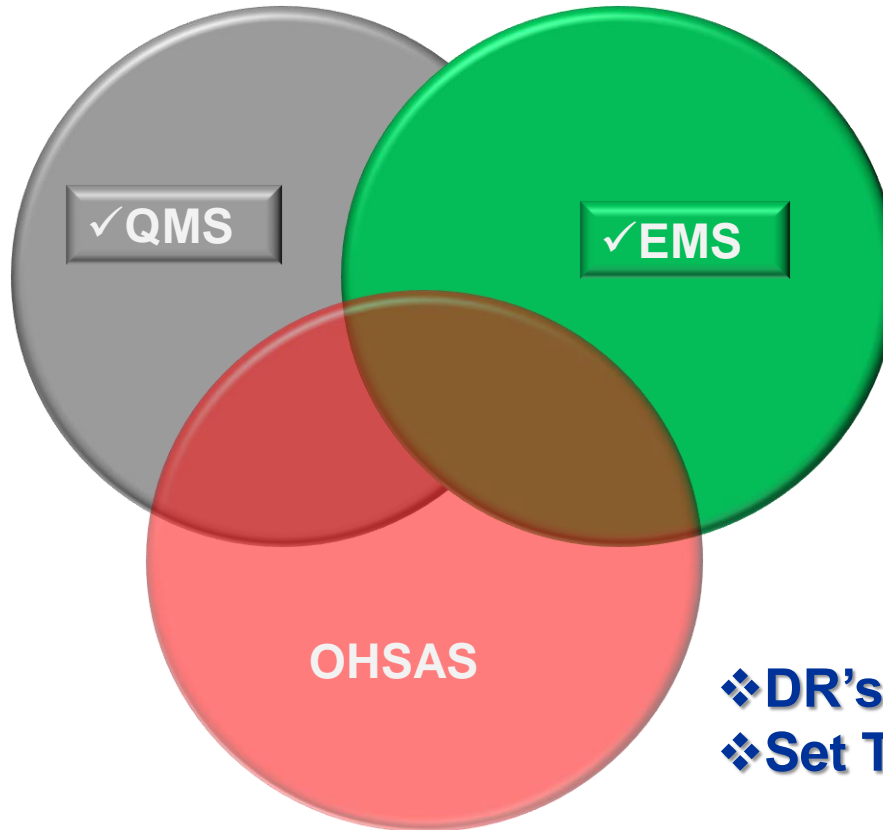
(BOCP, Contractor Regular Drills.
Integration to IMS)

X
HSE Objectives and management Programmes
(Tied to Hazard Register)

X
Organizational Structure, Responsibility Competence and training
(Awareness Training for DR Staff required)

Where were we In March 2010?

❖ DO's level



❖ Drilling EMS
since 2007.

❖ DR's Driven Initiative.
❖ Set Target of Q1, 2011.

SWOT Analysis

Strength

- DR Management/Staff.
- DQMS .
- Experience with EMS.
- In-House competence.
- Good working relation W/QA.
- Good understanding of HSE Risk in Drilling Operations .
- Global Industry.

Weakness

- No formal Risk Assessment documentation.
- Non-structured practices.
- Limited In-house Management System Auditors.

Threats

- Challenging Timeline (Q1, 2011).
- Lack of OHS Legal requirements.
- Operational challenges/demand.
- External audit contract.

Opportunities

- Single drilling rig contractor.
- Existing EMS documentation can be upgraded to HSE MS.
- Availability of Corporate level operational control documents.
- In-house HSE MS awareness Training.

Implementation Approach

- ✓ **Established Drilling teams for HSE MS development and implementation**
- ✓ **Identified drilling hazards.**
- ✓ **Conducted hazard register workshops.**
- ✓ **Upgraded EMS documents to HSE MS.**
- ✓ **Conducted HSE MS Awareness training.**
- ✓ **Assessed status by QA internal audits.**
- ✓ **Conducted external (3rd party) audit.**
- ✓ **Certificate issued**

**OHSAS
Certificate
issued to QP
Drilling on
18th April 2011**



**Certificate
of Registration**

OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM

This is to certify that:

Qatar Petroleum
Operations Directorate
Drilling Department
PO Box 3212
Doha
Qatar

Holds Certificate No: OHS 571518

and operates an Occupational Health and Safety Management System which complies with the requirements of BS OHSAS 18001:2007 for the following scope:

Drilling, completion and well services activities (onshore and offshore).

For and on behalf of BSI:

Managing Director, BSI EMBA

Conclusion

- **Drilling Department** is the **first** and **only** department in QP to be OHSAS certified.
- An effective and robust occupational health and safety management system can help you turn uncontrolled hazards into controlled risks and so better safeguard the wellbeing of both your people and your business.



DRILLING
DEPARTMENT