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An Effective OHS Management System For Commercial Diving.

Presenter: Mike Jessop [CEO - OSC Marine Group]



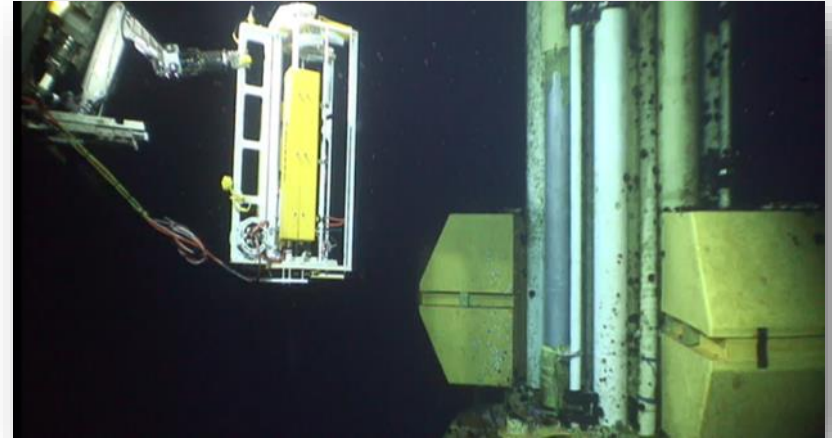
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ABOUT US

- Executing marine and subsea engineering Services since 1962.
- Internationally recognised – IMCA Marine, Diving and ROV Subsea Contractor Member since 2003.

What we Enjoy Doing

- Developing cost effective solutions to client problems in the marine and subsea environment.
- Applying the latest technology to our industry.



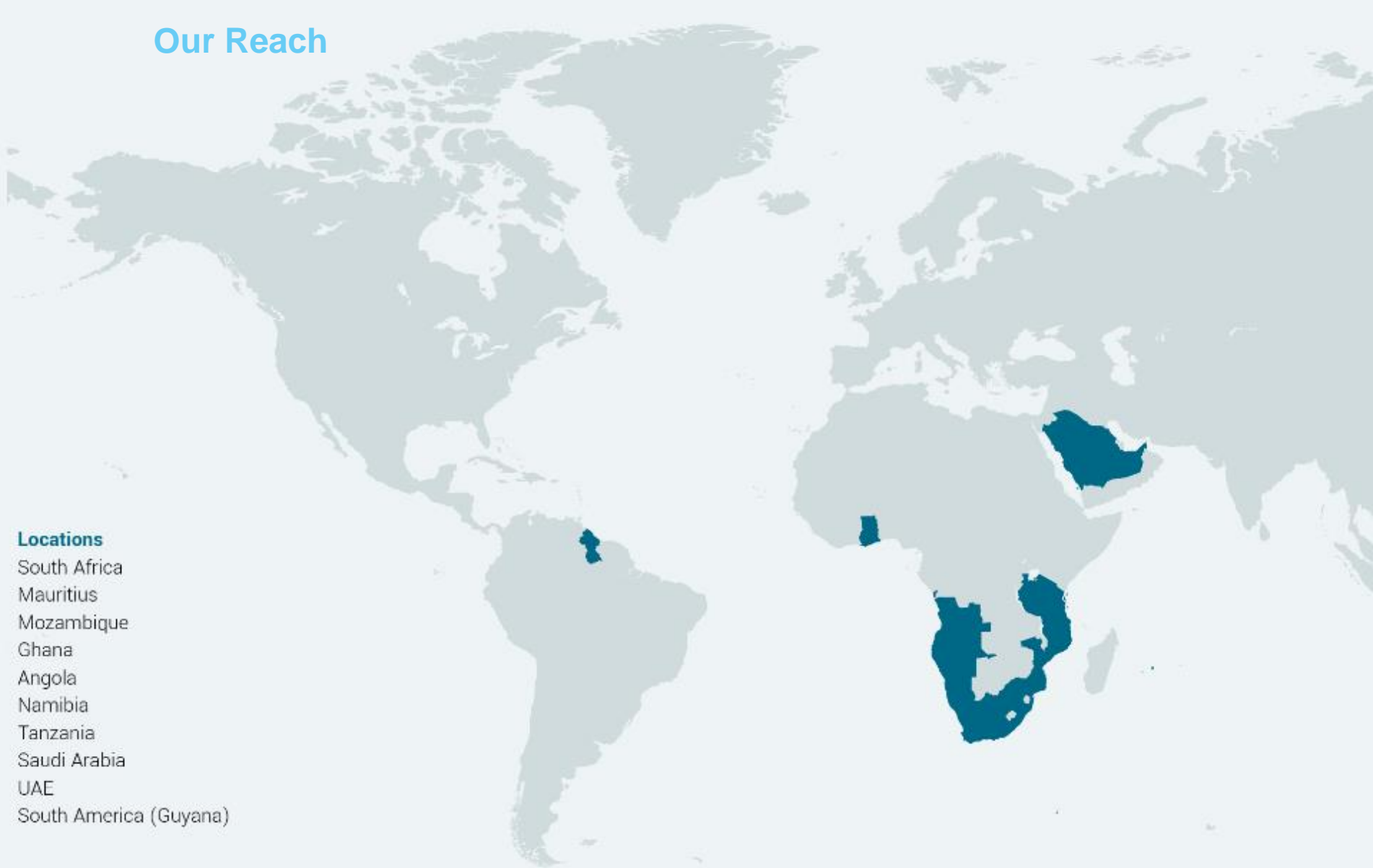


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Our Reach

Locations

South Africa
Mauritius
Mozambique
Ghana
Angola
Namibia
Tanzania
Saudi Arabia
UAE
South America (Guyana)





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ACCREDITATION

IMCA Contractor Member

Saturation – Air – Nitrox - TUP – ROV

Membership for Europe Africa and Middle East and India



ISO 9001 : 2015

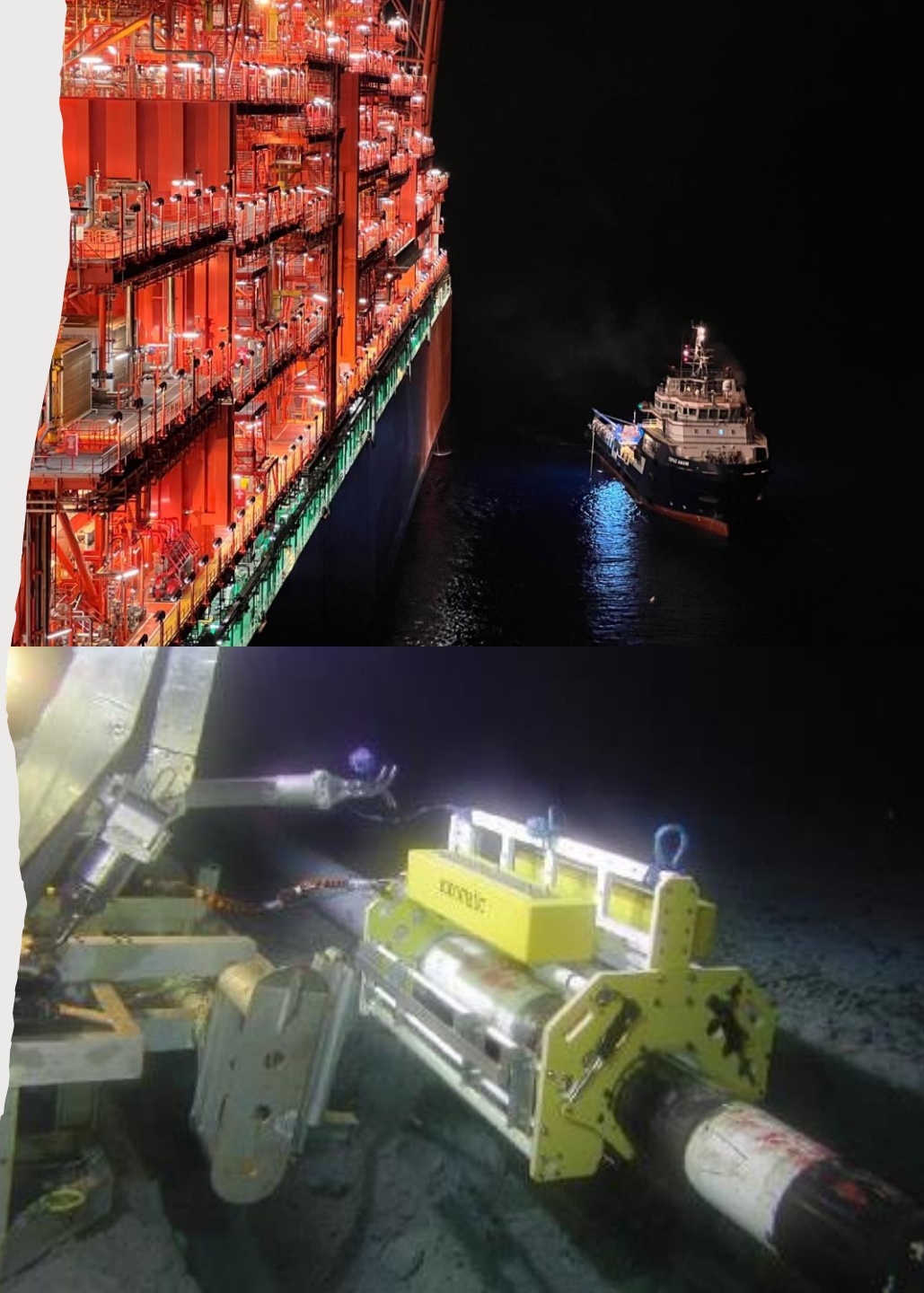
ISO 14001: 2015

ISO 45001: 2018



OUR SERVICES

- Inspection, Repair & Maintenance of Offshore Assets - FPSO, RIGS, FLNG.
- Pipeline Integrity & Emergency Response
- Decommissioning Subsea Support
- Rig and Vessel Husbandry
- OPL and Launch Services
- Marine and Coastal Civils
- Specialist Salvage
- Specialist Mooring



Introduction

An Occupational Health and Safety Management System is a structured framework that organizations use to manage and improve the health and safety of their employees.

By implementing an OHSMS, organizations can systematically manage health and safety risks.



Typical Effective Management System Components

Understanding an effective management system

Pre Job-Planning for High-Risk work

Written Procedures

Adopting 'Life Saving Rules'

Implementing 'Hierarchy of Control'

Engaging in Lessons learnt / After Action reviews



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Effective Safety Management System

Organisations typical journey when enhancing their safety management systems. From design standards, systems compliance focus, through behavioural, leadership and cultural focus areas to achieving world class safety standards and continued improved performance.

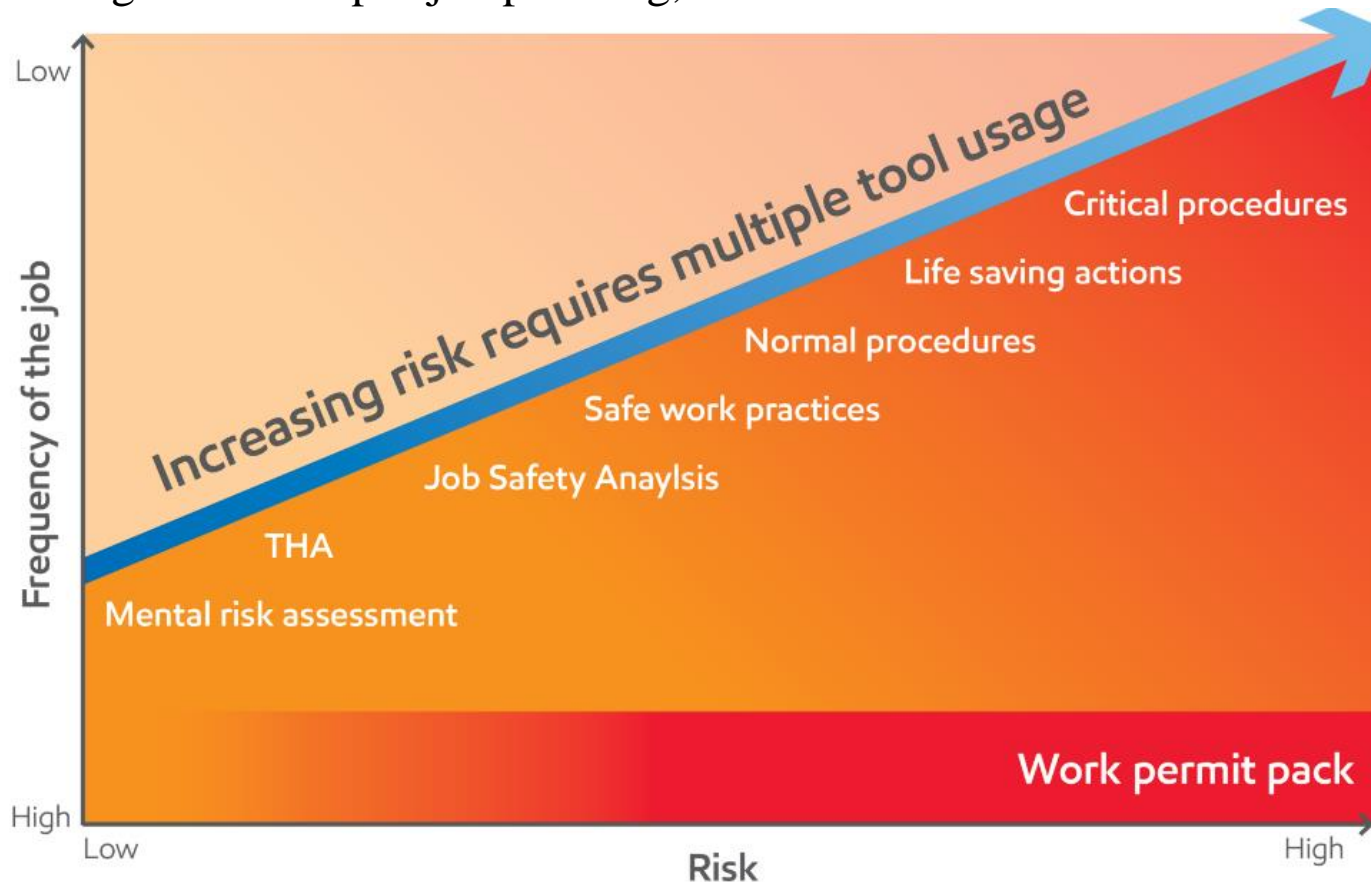




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Pre-Job Planning in High Risk

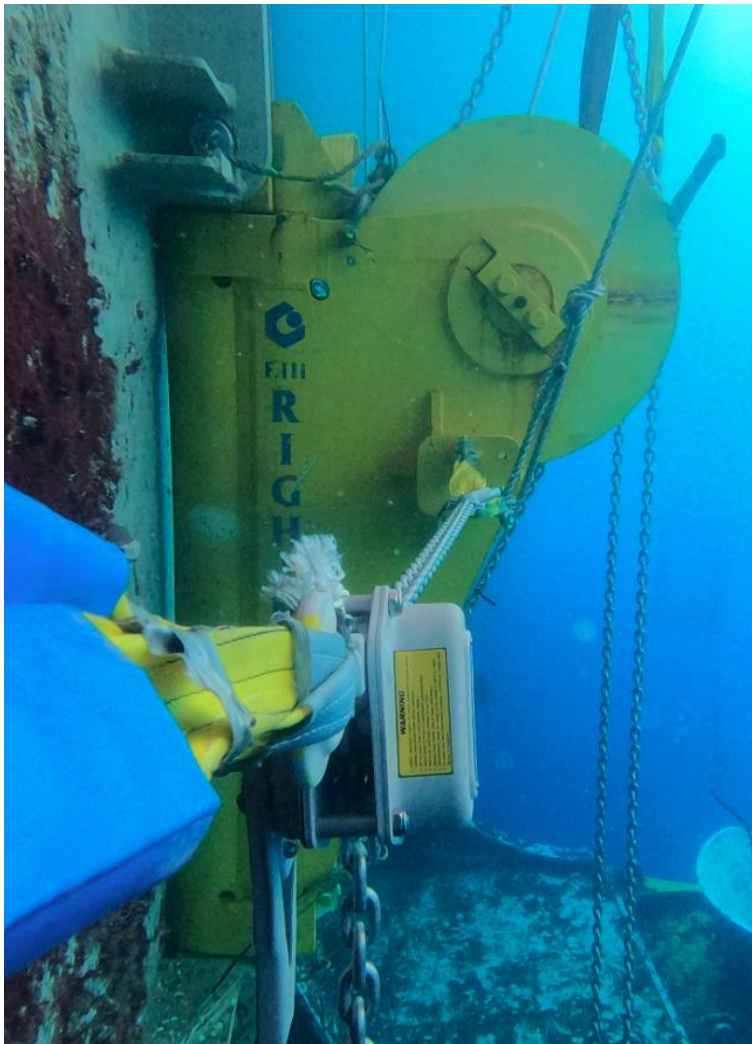
Typical tools for pre-job planning are to make sure that there is context for risk reduction and frequency of the job. To achieve this, you should be using multiple tools for ensuring that in the pre-job planning, the chance of risk is reduced

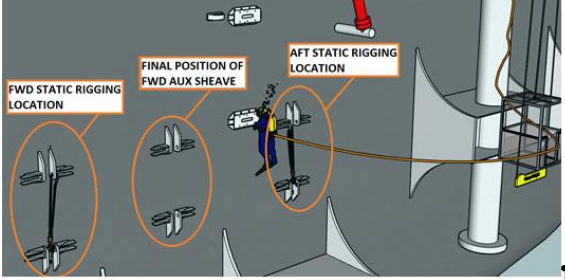
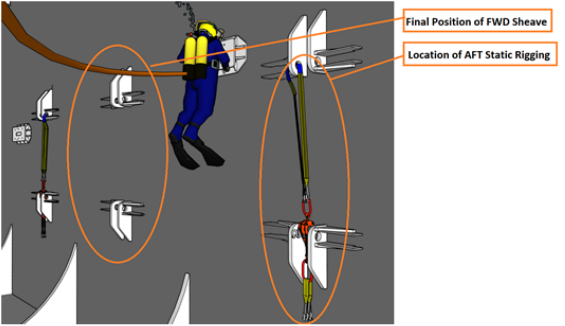




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Critical Procedures



No	TASK DESCRIPTION	TOOLS	RESP	CHECK	PE	Client
						
31 →	<p>Conduct a running commentary of marine growth—stating type/-thickness/-coverage % of marine growth and if any damage is noticeable. Take photos of each component, supervisor to record accordingly for final reporting.¶</p> <p>As per OSC Marine DWP-0082--GVI¶</p>		Supy/- Diver			
	<p>Installation of AFT Static Rigging Assembly¶</p> <p>Static rigging to be installed on AFT upper sheave bracket as per image below (webbing sling to be inserted through upper sheave bracket pin hole). ¶</p> 					
41 →	Detailed view of Static Rigging.¶		Tenders Diver Supy			



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Adopt Life Saving Rules



Bypassing Safety Controls



Confined Space



Driving



Energy Isolation



Hot Work



Line of Fire



Safe Mechanical Lifting



Work Authorisation



Working at Height

Introduction to the Life-Saving Rule slide pack for organisations to adapt to their needs.

https://www.lifesavingrules.org/media/1121/lifesavingrules_anintroduction.pptx





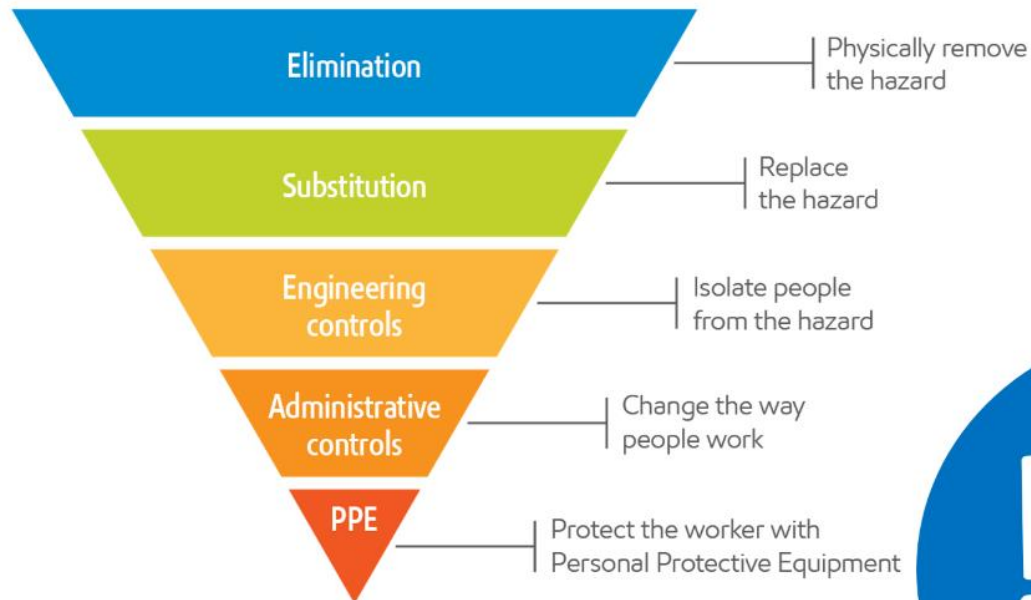
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Most
effective



Least
effective

Hierarchy of controls



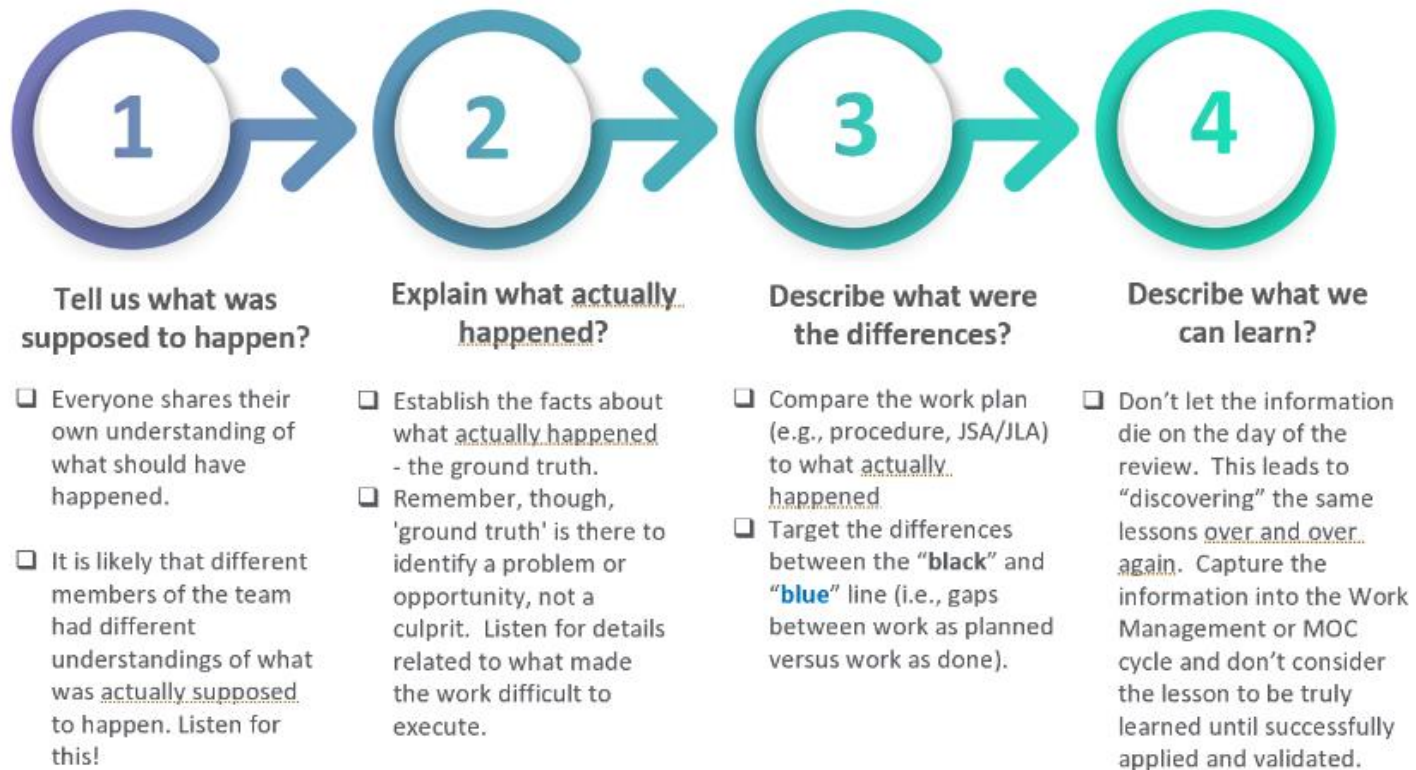
! **ALWAYS** start
from the top!



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Lessons Learnt / After Action Reviews

After Action Reviews (AARs) are a quick and simple learning process, held with the people doing the work to get at the heart of how work was really done and what we can learn from successful work.





Benefits



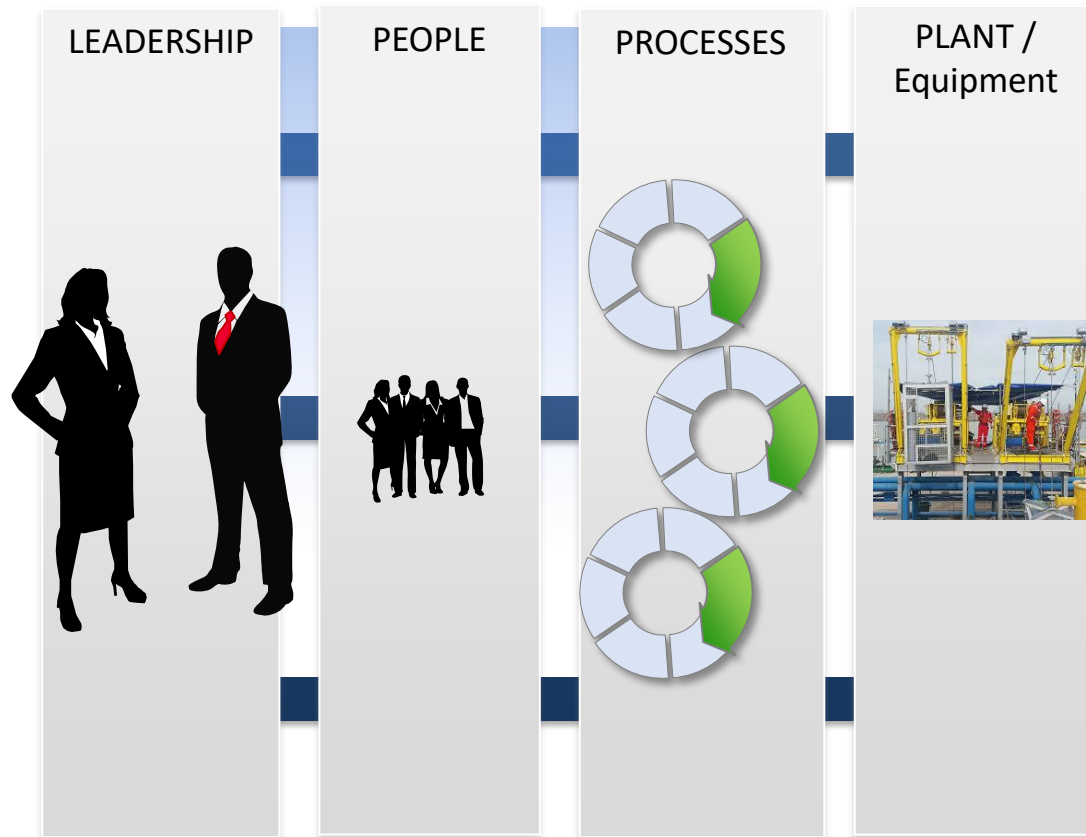
- **Improved Safety:** reduces the likelihood of workplace accidents and illnesses.
- **Regulatory Compliance:** helps organization's meet legal and regulatory requirements.
- **Cost Savings:** reduces costs associated with workplace injuries and illnesses.
- **Enhanced Reputation:** demonstrates a commitment to health and safety, which can improve the organization's reputation



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What makes up a Successful Safety Management System for Diving Operation

Lppp





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What makes up a Successful Diving Operation

LEADERSHIP



Leadership commitment: non-negotiable on workers safety first.



OHS Policy provides a framework for setting objectives.
Effectiveness before efficiency.



Responsibilities, and Authorities: Define roles, responsibilities, and authorities.



Consultation and Participation of Workers



Learning from Lessons



Adopting Human Behavior principles. No blame culture, open discussions.



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What makes up a Successful Diving Operation

PEOPLE



Resources: Determine and provide the resources needed for the OHSMS.



Competence: Ensure that workers are competent based on education, training, or experience.



Awareness: Ensure that workers are aware of the OHS policy, their contributions to the OHSMS, and the implications of not conforming.



Communication: Establish processes for internal and external communication relevant to the OHSMS.



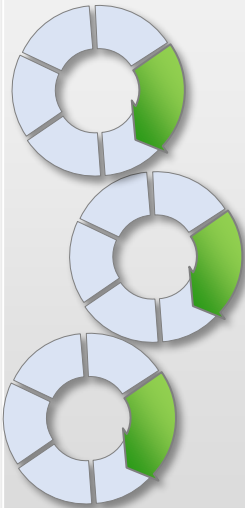
Documented Information:
Maintain and retain documented information to support the OHSMS.



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What makes up a Successful Diving Operation

PROCESSES



Step 1: Conduct a thorough risk assessment specific to scope



Step 2: Develop policies and procedures tailored to identified risks including Emergency Response planning



Step 3: Implement training programs for staff. Knowledgeable and competent staff must be the aim.



Step 4: Establish monitoring and reporting mechanisms



Step 5: Regularly review and update the OHSMS



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What makes up a Successful Diving Operation

Plant /
Equipment



Technical Personnel that understand the regulations, standards and industry guidelines



Equipment that meets the regulations, standards and industry guidelines



Technical procedures that ensure equipment is operated correctly including setup, correct use and maintenance



An effective Planned Maintenance System

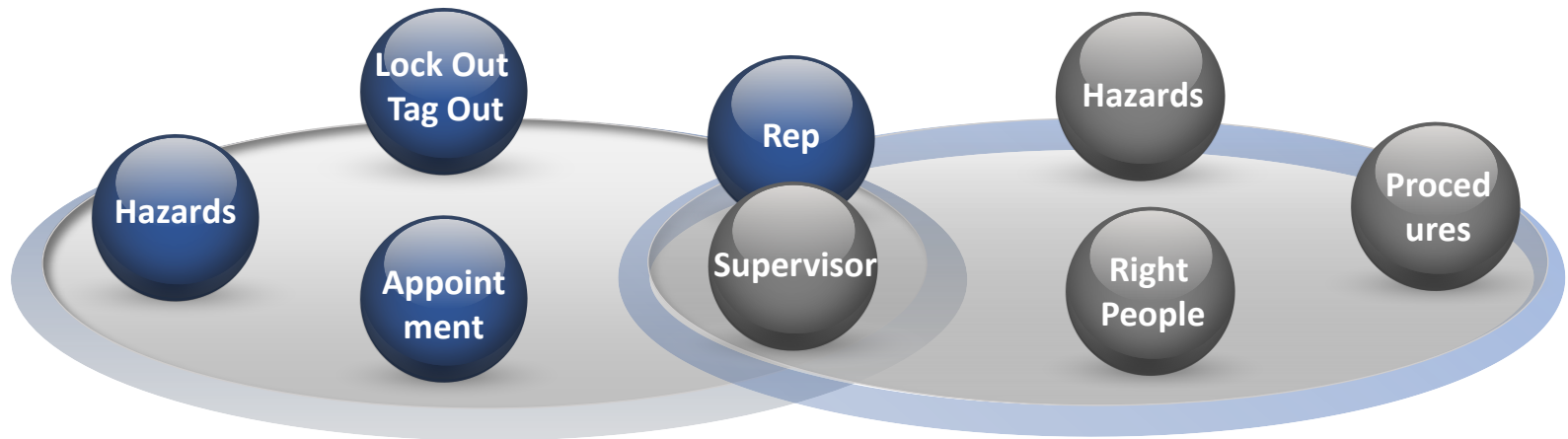


Regular internal audits

CLIENTS ARE YOU AT RISK?

Client Responsibilities

Diving Contractor.



Management System Certification



- An ISO 45001 certified Occupational Health and Safety Management System requires several key components designed to ensure a systematic approach to managing health and safety risks.

