



DROPS

DROPPED OBJECTS
PREVENTION SCHEME

ABERDEEN DRILLING CONSULTANTS

BRAZIL DROPS FORUM – 19TH APRIL 2012



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GRAVITY KNOWS NO BOUNDS!

DROPS IS A GLOBAL PROBLEM

Question 1

What do Aberdeen Drilling Consultants Ltd know about managing Dropped Objects?

Answer

Our fully qualified engineers have provided Dropped Object related services (surveys, management systems and training) at 12 of our clients facilities / rigs in Brazil in the last two years alone and many more globally.



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Question 2

Does our industry have all the required “tools in the box” available to successfully manage the potential dropped objects we work with constantly?

Answer

Yes we certainly do –Many years of hard work has been done internationally and channelled through DROPS Forums where facilitating and sharing of knowledge has been key to the progress made to date.

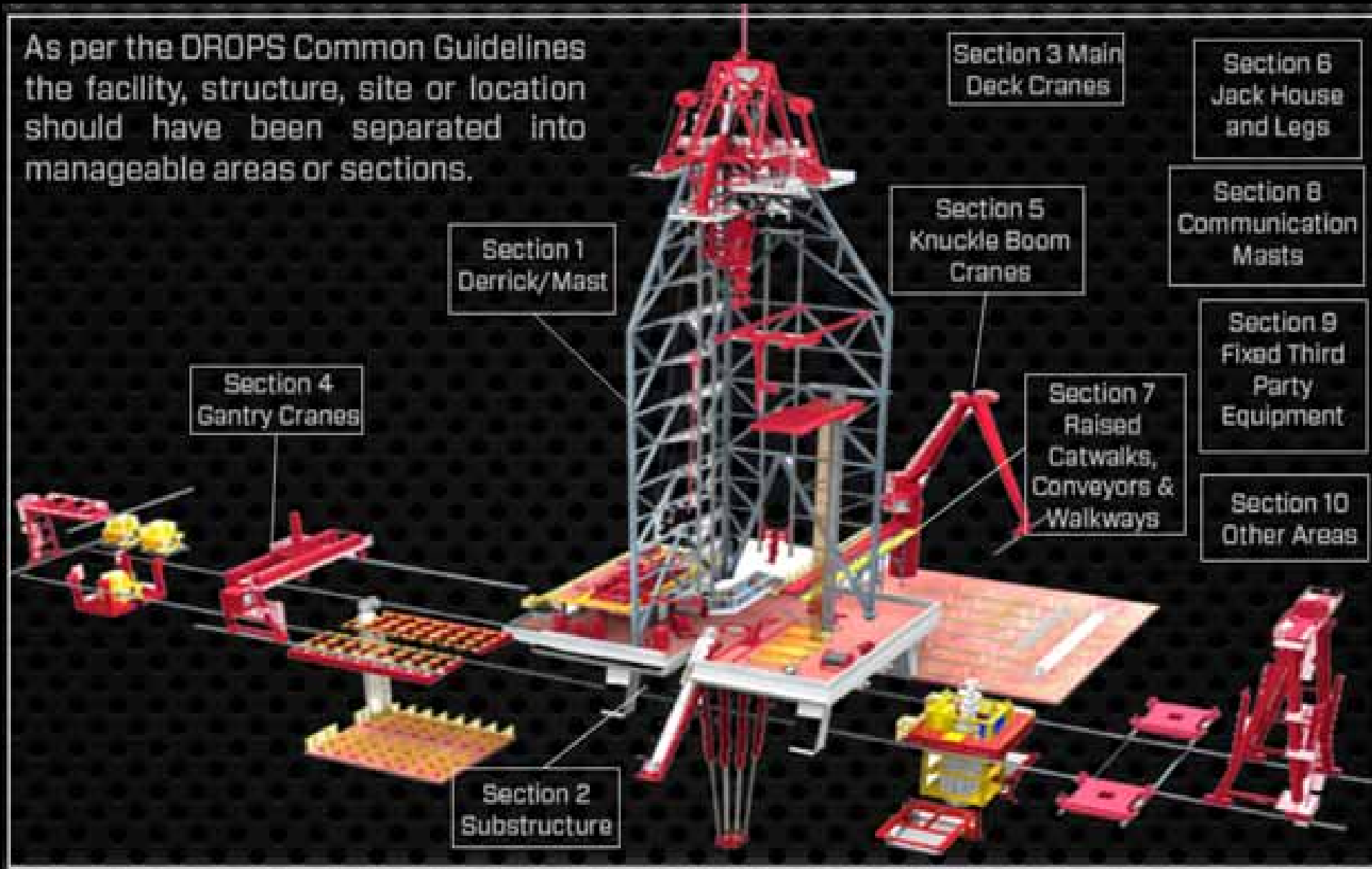


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As per the DROPS Common Guidelines the facility, structure, site or location should have been separated into manageable areas or sections.



Question 3

Are we there yet?

Do we live and work in an environment where dropped objects are a thing of the past?

Answer

Quite simply the answer to this question is No. Most all drilling contractor HSE goals include reference to reducing the incidents suffered both (actual and near hits).

Question 4

What is the most important thing we need to have in place and functioning correctly to successfully manage dropped objects ?

Answer

Trained and competent people of course ! – to design, install & maintain equipment and identify then adequately control through risk assessment and inspection potential dropped objects.

Question 5

Is “Drops Awareness and Prevention” a single line item on your organisations training matrix?

Answer

Some companies do – others have it or suggest it is incorporated into other things or focus in on it only when things have gone wrong.

Question 6

Are your personnel trained and competent or
trained and complacent?

Answer

PASS !

(Don't answer that in case you incriminate yourself!)

COMPETENT OR COMPLACENT?



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COMPETENT OR COMPLACENT?



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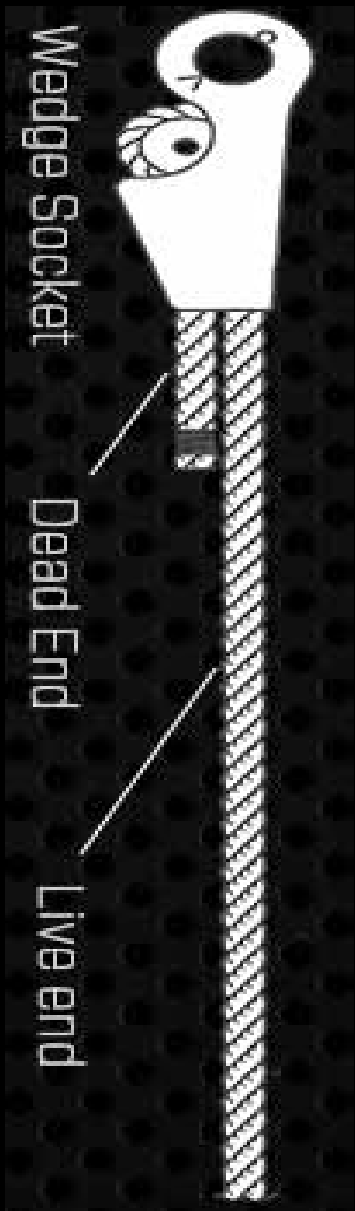
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COMPETENT OR COMPLACENT?



COMPETENT OR COMPLACENT?



Question 6

What training and competency programs are available?

Answer

Excellent bespoke training is available from various sources including DROPS train the trainer, DROPS Online instructor led workshops.

ADC have also recently added an Understanding Dropped Objects Course to their SQA approved (Scottish Qualifications Authority) Virtual Academy.

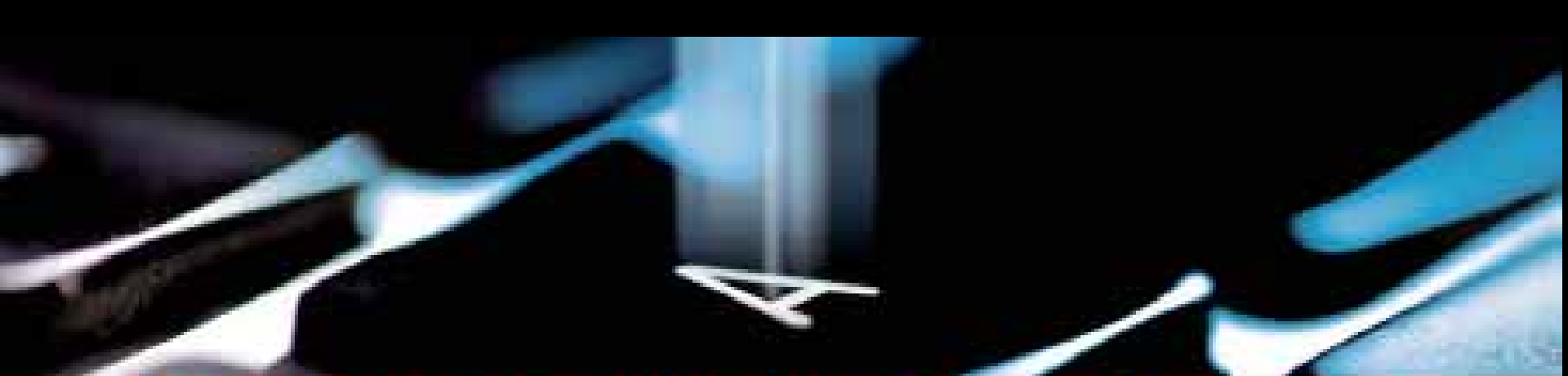


NAC



VIRTUAL ACADEMY






UNDERSTANDING DRILLING EQUIPMENT



“A Comprehensive E-Learning Course explaining the function, operation and key safety and maintenance indicators of both offshore & onshore oil & gas drilling equipment”




UNDERSTANDING WELL CONTROL



“A comprehensive e-learning course explaining the fundamentals of well control involving calculations, filling out kick sheets and managing a kill operation - ultimately to prevent a kick or blow-out”



UNDERSTANDING DROPPED OBJECTS



“Focuses on Successfully Managing Dropped Objects in the Oil and Gas Industry. It gives candidates an understanding of Dropped Objects and their consequences, how to assess the risks and apply the hierarchy of control measures required to prevent dropped objects.”

What does the course cover?

This module is an introduction to successfully managing Dropped Objectives in the Oil & Gas Industry containing the following:

- **INTRODUCTORY MENU** - designed to define what is a dropped object, be it dynamic or static and their causes, company and individual roles and responsibilities
- **PLANNING IDENTIFICATION AND CONTROL MENU** - demonstrating the elements within the continuous cycle used to Manage drops successfully including Identifying and assessing the hazard and risk, the hierarchy of control both preventative and mitigating and finally monitoring and managing change
- **MANAGING POTENTIAL DROPPED OBJECTS MENU** - taking candidates through how to conduct a regular visual and tactile inspection within an established management system as would be supplied by ADC
- **SECURING BEST PRACTICES MENU** - taking candidates through the current best practices regards securing methods and safe use of tools and equipment at height
- **QUESTIONS MENU** - Designed to obtain assessment evidence of the candidate's understanding of the course content and competencies required to identify, manage and control successfully potential dropped objects. This competence will be demonstrated by the candidate's ability to answer multiple choice questions, labelling diagrams, filling in the blanks and true/false questions pertaining to the statements defined in the performance criteria



THANK YOU FOR YOUR TIME AND FOR
LISTENING and CONTEMPLATING

QUESTIONS ?

