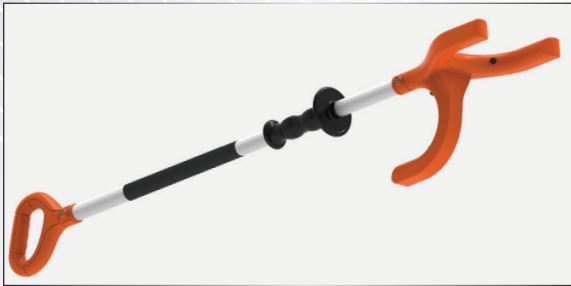




DRILL PIPE HANDLING TOOL



The Drill Pipe Handling Tool is designed to enable the operator to achieve push/pull capabilities for wide range of suspended drill pipe up to 5 7/8". A multi functional tool, it is a vital component in the implementation of a Hands Free working environment on both the rig floor and catwalk area. Also suitable for handling a variety of drilling and fishing tools, it creates a safe distance and buffer area in the complex and hazardous operation of pipe movement.



Enclosed Handle
DPHT18003 1200mm
DPHT18004 1500mm

Open Handle
DPHT19004 1500mm

Custom made lengths available on request

Manufactured from medium density polyethylene and 30mm marine grade aluminum makes the Drill Pipe Handling Tool light weight and extremely durable. Suitable for use in harsh environments.

FEATURES

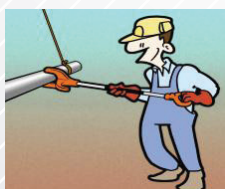
- A double U shaped attachment, one forward facing and one rear facing used to facilitate the stabilization of a suspended drill pipe up to 5 7/8 inches
- For use in movement of drill pipe in a vertical or horizontal position, allowing easy exchange from a push / pull function, giving the user maximum control over the load
- Tag line retrieval capability
- Available in two different standard lengths; 1200mm, 1500mm
- Attachments in hi-visibility color
- Heavy duty aluminum staff
- Available with enclosed hand grip or non-slip rubber hand grip models
- Fitted with fully replaceable non-slip, low compression rubber grommets
- Fitted with hand protector as standard
- Fitted with durable Foam/rubber hand grip

APPLICATIONS

For use in the movement of suspended drill pipe, bulk hoses and BOP service lines, the Drill Pipe Handling Tool perfectly complements the existing use of taglines by providing exceptional control of the load and flexibility to the handler in the movement and landing of drill pipe.

How to use

- Two pronged U attachments that can accommodate up to 6inch pipework and hoses.
- Option of 'Push' or 'Pull' function provides the handler with maximum control.
- Engage attachment face on, for maximum connection.
- Assists with accurate positioning of drill pipe and hoses in either a vertical or horizontal position.
- Tag line retrieval function available.
- Only engage when the drillpipe and hoses are positioned at waist level.
- Always wear correct personnel protective equipment when using hands free tools.
- Always be aware of swinging load, use tag lines to stabilise from a safe distance before engaging tool.
- Tool not designed to be used for leveraging activities.



Push / Pull Pipe Capability

CONFIDENTIAL REPORT

PRODUCT SPECIFICATION TESTING

IPSD

INDUSTRIAL POLYMER
SOLUTIONS AND DESIGN
CENTRE

CAS

CONTRACT ANALYTICAL
SERVICES

Client: Offshore Handling Systems Ltd.
Report Date: 18th May 2012

Project Number: 11144

1.0 Introduction: Product 11141-3 (Drill Pipe Handling Tool) was submitted to the Contract Analytical Services in the IPSD Centre for the following product specification testing:

- Accelerated Aging Stability Test;
- Accelerated Weather Resistance Test;
- Accelerated Salt Spray Exposure Test;
- Accelerated Chemical Resistance Test;
- Functional Joint Tensile Strength (ISO 527);
- Maximum Loading of the Product (ISO 527);

The sample components (polymer, aluminium and elastomer) were tested for evidence of degradation and the effects of aging, weathering, chemical attack, mechanical property changes and masterbatch (colour) stability within the 2-year shelf life study.

Sample(s) I.D.:

Sample ID:
11144-3

Description:
Drill Pipe Handling Tool



2.0 Results:

Results Summary

Table 2.1 – Summary Results for Testing of Product

Sample ID	Result
Accelerated Aging	Shelf Life of Product: Minimum of 2 Years Aging Resistance
Accelerated Weather Resistance Test	Shelf Life of Product: Minimum of 2 Years Weathering Resistance
Accelerated Salt Spray Exposure Test	Shelf Life of Product: Minimum of 2 Years Salt Spray Resistance
Accelerated Chemical Resistance Test	Shelf Life of Product: Minimum of 2 Years Fuel/Oil Resistance
Functional Joint (Handle) Tensile Strength Proximal End (ISO 527)	5520 N (> 0.5 tonne)
Functional Joint 2 Tensile Strength Distal End (ISO 527)	5640 N (> 0.5 tonne)
Maximum Loading of the Product (ISO 527) Compression Strength	10870 N (> 1.0 tonne)

3.0 Approved by:

Alan Murphy
Senior Research Officer