



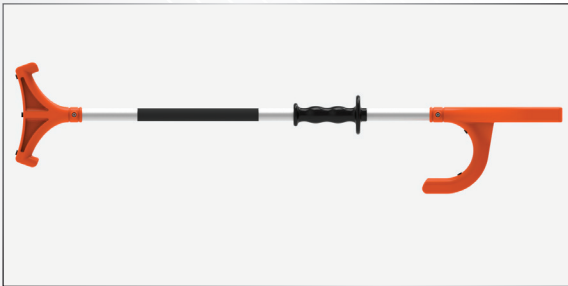
# DRILL PIPE SETBACK TOOL



The Drill Pipe Set Back Tool allows drill pipe to be safely handled and positioned in the setback area, providing maximum protection to personnel while retaining maximum control and flexibility.

Not only does this device mitigate the risk of hand injuries but it also keeps the handler's feet clear of the setback area when landing pipe in the vertical stored position.

This Hands Free approach also removes the risk of hazardous drilling fluids coming into contact with handler's skin.



Enclosed Handle

**DPST18005** 1200mm

**DPST18006** 1500mm

Custom made lengths available on request

Manufactured from medium density polyethylene and 30mm marine grade aluminum makes the Drill Pipe Setback 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 to facilitate the stabilization of a suspended drill pipe of up to 5 7/8 inches in a vertical position. Allowing easy exchange from a push / pull function, giving the user maximum control over the load.
- A shoulder attachment that allows the handler the extra leverage that is required to position the pipe in the vertical position, whilst keeping him at a safe distance from the landing area.
- Tag line retrieving hook
- Fitted with hand protector.
- Available in two different lengths: sizes 1200mm and 1500mm.
- Attachments in hi-visibility colour
- Heavy duty aluminum staff
- Non-slip, durable rubber grip
- Fitted with fully replaceable non-slip, low compression rubber grommets.

## APPLICATIONS

For use by drill crew for the positioning and storage of drill pipe in the setback area of the drill floor.

## HOW TO USE

- Always wear correct PPE when on drill floor.
- Always have good communication with Driller and winch operators
- Always be aware of swinging loads. Plan escape route.
- After breaking connection, lower stand toward setback area.
- Engage U Shaped attachment around drill stand, above drill pipe collar.
- Maximum positioning force is achieved using shoulder attachment in pushing action.
- One or more tool can be used for extra leverage.
- Keep feet clear of landing area at all times.
- Never stand in front of link/tilt assembly.
- Store tool in a clean dry location after use.
- Tool not designed to be used for leveraging activities.



Suspended Pipe Being Positioned in the Setback Area

# CONFIDENTIAL REPORT

# PRODUCT SPECIFICATION TESTING

**IPSD**

INDUSTRIAL POLYMER  
SOLUTIONS AND DESIGN  
CENTRE

**CAS**

CONTRACT ANALYTICAL  
SERVICES

**Client:** Offshore Handling Systems Ltd.  
**Report Date:** 30st October 2017

**Project Number:** 11144

**1.0 Introduction:** Product 11141-1 (Drill Pipe Set Back Tool) was submitted to the Contract Analytical Services in the IPSD Centre for the following product specification testing:

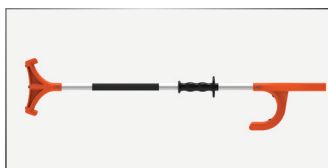
- Accelerated Aging Stability Test;
- Accelerated Weather Resistance Test;
- Accelerated Salt Spray Exposure Test;
- Accelerated Chemical Resistance Test;
- Functional Joint Tensile Strength (ISO 527);
- Maximum Loading of the Product (ISO 527);

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:**  
11144-1

**Description:**  
Drill Pipe Set Back 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)	5800 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