The Drill Pipe Casing Tool is designed to enable the operator to achieve push capabilities for a wide range of larger drill pipe and casing joints up to 12”. A multi-functional tool, it is a vital component in the implementation of a Hands Free working environment when performing operations on rig floor, catwalk area and V door areas.

Also suitable for handling of bundles of drill pipe and variety of fishing tools, it creates a safe distance and buffer area in the complex and hazardous operation of pipe movement and casing operations.

**FEATURES**

- The ‘arc’ shaped attachment engages with larger pipe, e.g. casing, conductor and bundles of drill pipe
- Push function gives the handler maximum control
- Tag line retrieval hook provides ‘pull’ control
- Tag lines to stabilise suspended loads from a safe distance before engaging tool
- Engage attachment face on, for maximum control
- Only engage when the casing and bundles of drill pipe 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

**APPLICATIONS**

For use by deck crews and drill floor crews in the movement of drill pipe and bundles 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.

**Specifications**

- (Enclosed Handle) DPC18007 1200mm
- (Open Handle) DPC19008 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.

- Available in two different lengths: sizes 1200mm and 1500mm
- Attachments in hi-visibility colour
- 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

**Model Numbers**

- DPCT18007 1200mm
- DPCT18008 1500mm
- DPCT19008 1500mm

**Available in**

- Single Drill Pipe / Bundles of Drill Pipe
1.0 Introduction: Product 11141-2 (Drill Pipe Casing 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: 11144-2
Description: Drill Pipe Casing Tool

2.0 Results:
Results Summary
Table 2.1 – Summary Results for Testing of Product

<table>
<thead>
<tr>
<th>Sample ID</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accelerated Aging</td>
<td>Shelf Life of Product: Minimum of 2 Years Aging Resistance</td>
</tr>
<tr>
<td>Accelerated Weather Resistance Test</td>
<td>Shelf Life of Product: Minimum of 2 Years Weathering Resistance</td>
</tr>
<tr>
<td>Accelerated Salt Spray Exposure Test</td>
<td>Shelf Life of Product: Minimum of 2 Years Salt Spray Resistance</td>
</tr>
<tr>
<td>Accelerated Chemical Resistance Test</td>
<td>Shelf Life of Product: Minimum of 2 Years Fuel/Oil Resistance</td>
</tr>
<tr>
<td>Functional Joint (Handle) Tensile Strength Proximal End (ISO 527)</td>
<td>5520 N (&gt; 0.5 tonne)</td>
</tr>
<tr>
<td>Functional Joint 2 Tensile Strength Distal End (ISO 527)</td>
<td>6010 N (&gt; 0.5 tonne)</td>
</tr>
<tr>
<td>Maximum Loading of the Product (ISO 527) Compression Strength</td>
<td>10870 N (&gt; 1.0 tonne)</td>
</tr>
</tbody>
</table>

3.0 Approved by:

Alan Murphy
Senior Research Officer

Analytical Laboratory: CAS, IPSD Centre – Research Hub, AIT East Campus, Dublin Road, Athlone, Co. Westmeath.