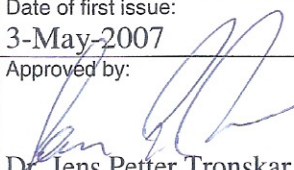
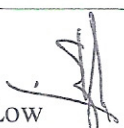
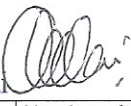




DNV/SL/R20071048

## TECHNICAL REPORT

Date of first issue: 3-May-2007	Project No: 11320 – 025	DET NORSKE VERITAS PTE LTD Material Technology and Structural Integrity 10 Science Park Drive DNV Technology Centre Singapore 118224 Tel: 65 6779 6363 Fax: 65 6774 5725 ROC 198200541Z http://www.dnv.com
Approved by:  Dr. Jens Petter Tronskar Head of Materials Technology and Structural Integrity Testing Laboratories	Organisational unit: 253	
Client: Lokit Polymer Pte Ltd	Client ref.: Mr. B.K.Ong/Andy Lim	
Summary:		
<p>This report documents the results for pressure and cyclic test on butterfly valve Viton® (BT) seat ring for durability in Naphtha. The test was performed at Lokit Polymer Pte Ltd, 37, Kim Chuan Drive from 2 April 2007 to 30 April 2007.</p> <p>The butterfly valve with Viton® (BT) seat ring installed was filled with naphtha and subjected to pressure and cyclic test (total 263 cycles) at a pressure of 16 bars for duration of four weeks. The pressure was increased to 21 bars in the last ten cycles. The results of pressure and test are given in page three of this report.</p>		

Report No: DNV/SL/R20071048	Subject Group:
Report title:  Pressure and Cyclic test on Butterfly Valve Viton® (BT) Seat Ring for Durability in Naphtha.	
Work carried out by:  Richard Khoo / Jason Low	
Work verified by:  Yuan Wen Guo / Leong Chee Lai	
Date of this revision: 21/5/07	Revision No: Front page - Rev 1 The rest remain - Rev 0
Number of pages: 16	

### Indexing terms

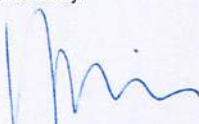
Keywords  Pressure Test	Service Area  Market Sector
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## TECHNICAL REPORT

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Approved by:  Yuan Wen Guo	Organisational unit:  253	
Client: LOKIT POLYMER PTE LTD	Client ref.: Mr B.K.Ong	

### Summary:

This report documents the results for pressure and cyclic test on butterfly valve Viton® (NL) seat ring for durability in Crude Oil (Aromatic). The test was performed at Lokit Polymer Pte Ltd, 37, Kim Chuan Drive from 24 June 2009 to 23 July 2009

The butterfly valve with Viton® (NL) seat ring installed was filled with crude oil (aromatic) and subjected to pressure and cyclic test (total 281 cycles) at a pressure of 16 bars for duration of four weeks. The pressure was increased to 21 bars at the end of 281 cyclic test. The test was witnessed by Mr Tore Miljeteig and Mr Mats Refsnes of BW Offshore As, Norway on the 23 July 2009. The results of pressure and test are given in page three of this report.

Report No: DNV/SL/R20091580	Subject Group:
Report title:  PRESSURE AND CYCLIC TEST OF BUTTERFLY VALVE SEAT RING FOR DURABILITY IN CRUDE OIL (AROMATIC)	
Work carried out by:  Richard Khoo	
Work verified by:  Jason Low	
Date of this revision:	Revision No:
-	
Number of pages: 19	

### Indexing terms

Keywords	Service Area
Pressure Test	Market Sector

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