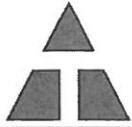
 Titalia S.p.A.	QTR QUALIFICATION TEST RECORD NORSOK M-650 Rev.4				QTR 01Ti
					Rev. No. 3
Manufacturer Name/address/web pages		TITALIA FORGINGS S.r.l - Via S. Giovanni Battista 18/20 Plemo D'Esine (BS) Main Office : TITALIA S.p.A - Via Don Luigi Talamoni 83, 20861 Brugherio MB - www.titalia.it			
Reference standard		NORSOK M-650 REV. 4			
Material designation and MDS no.		ASTM B381 F2 - NORSOK MDS T01 Rev.5			
Manufacturing summary doc. No.		MS TI 01 Rev.3			
Products and manufacturing process(es):		OPEN DIE FORGED DISCS, SHAFTS, BARS			
Mandatory conditions and sub-contractors		HEAT TREATMENT IN HOUSE at TITALIA FORGINGS SRL - Via S. Giovanni Battista 18/20 Plemo D'Esine (BS) Or as alternative: - SORBIT SRL Via Calvenzana 9 – Rogeno (LC) - Mechanical test at ISO 17025 accredited lab OMECO			
Other information		Qualified Titanium Grades F1-F2 acc. to STATOIL doc. GL-0081			
Qualification expires		<i>July 2020</i>			
Test and Qualified Thickness and Weight					
Products and manufacturing process	Test record	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (Kg)
Forged disc	SPT/0701/15/1 SAM/0309/15/1	350	400 max	650	ALL
Documentation					
Manufactory summary:		MS Ti 01 REV 3			
Quality Control Plain		QCP Ti 01REV 1			
Test sampling for qualification and production:		SKETCH PP Ti 01 REV 2			
Test report : SPT/0701/15/1 OMECO REF.1255 ISSUED		11/05/2015 (Mechanical Test)			
SAM/0309/15/1 OMECO REF.1255 ISSUED		15/06/2015 (Metallographic Exam)			
RPR/035/2015 TITALIA ISSUED		13/04/2015 (Ultrasonic Exam)			
Mill Certificate : 2105-2014 ZIROM ISSUED 12/12/2014					
Heat treat. chart by Titalia : N° REPORT: 01/2015 LOT: TF01/15					
Quality Assurance System : Cert n.LRC0100830/QMS/U/EN ISSUED 09/03/2013					
ISO 9001:2008- Certificate Titalia S.p.A					
Qualification/acceptance signature					
Manufacturer: TITALIA S.p.A		Prepared by /Date: P. Loffredi <i>A. Ferrara</i>		Checked by/ Date: A. Ferrara <i>A. Ferrara</i>	
The manufacturer and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 Rev.4 for supply of the above listed products and materials. This acceptance does not exempt any purchaser from his responsibility to ensure that this qualification is valid for his products within the essential variables of NORSOK M-650 Rev.4					
Qualified/Accepted by: PETROLVALVES srl CASTELLANZA			Signature/Date: <i>02/11/2015</i> <i>[Signature]</i>		



Titalia S.p.A.

QTR
QUALIFICATION TEST RECORD
NORSOK M-650 Rev.4

QTR 02Ti

Rev. No. 3

Manufacturer Name/address/web pages	TITALIA FORGINGS S.r.l - Via S. Giovanni Battista 18/20 Plemo D'Esine (BS) Main Office : TITALIA S.p.A - Via Don Luigi Talamoni 83, 20861 Brugherio MB - www.titalia.it
Reference standard	NORSOK M-650 REV. 4
Material designation and MDS no.	ASTM B381 F2 - NORSOK MDS T01 Rev.5
Manufacturing summary doc. No.	MS TI 01 Rev.3
Products and manufacturing process(es):	OPEN DIE FORGED RINGS , NOZZLES
Mandatory conditions and sub-contractors	HEAT TREATMENT IN HOUSE at TITALIA FORGINGS SRL - Via S. Giovanni Battista 18/20 Plemo D'Esine (BS) Or as alternative: - SORBIT SRL Via Calvenzana 9 – Rogeno (LC) - Mechanical test at ISO 17025 accredited lab OMECO
Other information	Qualified Titanium Grades F1-F2 acc. to STATOIL doc. GL-0081
Qualification expires	<i>July 2020</i>

Test and Qualified Thickness and Weight

Products and manufacturing process	Test record	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (Kg)
Forged Ring	SPT/0937/15 SAM/0465/15	180	230 max	300	ALL

Documentation

Manufactory summary: MS Ti 01 REV 3
Quality Control Plain QCP Ti 01REV 1
Test sampling for qualification and production: SKETCH PP Ti 01 REV 2
Test report : SPT/0937/15 OMECO REF.1255 ISSUED 19/06/2015 (Mechanical Test)
SAM/0465/15 OMECO REF.1255 ISSUED 15/06/2015 (Metallographic Exam)
RPR/034/2015 TITALIA ISSUED 13/04/2015 (Ultrasonic Exam)
Mill Certificate: 2105-2014 ZIROM ISSUED 12/12/2014
Heat treat. chart by Titalia: N° REPORT: 01/2015 LOT: TF01/15
Quality Assurance System : Cert n.LRC0100830/QMS/U/EN ISSUED 09/03/2013
ISO 9001:2008- Certificate Titalia S.p.A

Qualification/acceptance signature

Manufacturer: TITALIA S.p.A	Prepared by /Date: P. Loffredi - A. Ferrara <i>[Signature]</i>	Checked by/ Date: A. Ferrara <i>[Signature]</i>
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The manufacturer and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 Rev.4 for supply of the above listed products and materials.
This acceptance does not exempt any purchaser from his responsibility to ensure that this qualification is valid for his products within the essential variables of NORSOK M-650 Rev.4

Qualified/Accepted by: PETROLVALVES CASTELLANZA	Signature/Date: <i>[Signature]</i> 02/11/2015
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