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	Qualification Test Record (QTR) NORSOK M-650		QTR. No.: UNI-QTR-01		
			Rev. No.: 02		
Manufacturer name/address/ Web page:	Jiangyin Unique Flange Manufacturing Co., Ltd. 66 Haida Rd, Huashi Town, Jiangyin City, Jiangsu Province, 214421, China. www.uniqueflange.com				
Reference standard	NORSOK M-650, Edition 4				
Material designation and MDS No.:	ASTM A182:F44, MDS R14 REV.5, EN 10222-5:1.4547				
Manufacturing Summary doc. No.:	UF/MS-01			Rev. No.: 1	
Production and manufacturing process(es):	die forging :size 0.5"to 10" (WN ,SO ,SW ,BL) AND open-die forging: Size 8" to 16" (WN, SO, SW ,BL) Production route No: UF/FC-01				
Mandatory conditions and sub-contractors:	●Forging temperature range: 1150 - 850°C; ●Forging ratio ≥4; after forging cooling in water ●Forgings shall be machined as close as possible to final shape prior to quality heat treatment. ●Quenching: in cold water max 34 °C within 60s				
Other information:	All tests shall be performed in an ISO/IEC/17025 accredited laboratory.				
Qualification expires:	2025-05-26				
Tested and qualified thickness and weight					
Products and manufacturing process(es):	Test record No.	Tested thickness mm	Qualified thickness mm	Test piece weight kg	Qualified weight Kg
die forging	1	35	38.5	18	36
open-die forging	2	60	60	256	All
Qualification/acceptance signatures					
Manufacturer: JIANGYIN UNIQUE FLANGE MANUFACTURING CO., LTD. 江陰尤尼科法蘭製造有限公司	Prepared by/Date: <i>Zouke</i> 2020.4.15		Checked by/Date: <i>Jubishu</i> 2020.4.15		
The manufacturer and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 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.					
Qualified/Accepted by (company name /address): 			Signature/Date: Apr 15, 2020 <i>Miao Xiong</i>		

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	Qualification Test Record (QTR) NORSOK M-650			QTR. No.: UNI-QTR-02	
				Rev. No.:02	
Manufacturer name/address/ Web page:	Jiangyin Unique Flange Manufacturing Co., Ltd. 66 Haida Rd, Huashi Town, Jiangyin City, Jiangsu Province, 214421, China. www.uniqueflange.com				
Reference standard	NORSOK M-650, Edition 4				
Material designation and MDS No.:	ASTM A182:F53, MDS D54 REV.5, EN 10222-5:1.4410				
Manufacturing Summary doc. No.:	UF/MS-03			Rev. No.:1	
Production and manufacturing process(es):	die forging :size 0.5"to 10" (WN ,SO ,SW ,BL) AND open-die forging: Size 8" to 16" (WN, SO, SW ,BL) Production route No: UF/FC-01				
Mandatory conditions and sub-contractors:	●Forging temperature range: 1150 - 850°C; ●Forging ratio ≥4; after forging cooling in water ●Forgings shall be machined as close as possible to final shape prior to quality heat treatment. ●Quenching: in cold water max 34 °C within 60s				
Other information:	All tests shall be performed in an ISO/IEC/17025 accredited laboratory.				
Qualification expires:	2025-05-26				
Tested and qualified thickness and weight					
Products and manufacturing process(es):	Test record No.	Tested thickness mm	Qualified thickness mm	Test piece weight kg	Qualified weight Kg
die forging	1	41	45.1	25	50
open-die forging	2	83	83	256	All
Qualification/acceptance signatures					
Manufacturer: JIANGYIN UNIQUE FLANGE MANUFACTURING CO.,LTD. 江陰尤尼科法蘭製造有限公司	Prepared by/Date: <i>Zouke</i> 2020.4.15		Checked by/Date: <i>Tubesh</i> 2020.4.15		
The manufacturer and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 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.					
Qualified/Accepted by (company name /address): 			Signature/Date: Apr 15, 2020 <i>Miao Xiong</i>		

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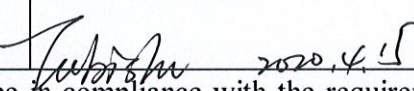
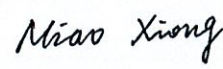
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	Qualification Test Record (QTR) NORSOK M-650			QTR. No.: UNI-QTR-03	
				Rev. No.:02	
Manufacturer name/address/ Web page:	Jiangyin Unique Flange Manufacturing Co., Ltd. 66 Haida Rd, Huashi Town, Jiangyin City, Jiangsu Province, 214421, China. www.uniqueflange.com				
Reference standard	NORSOK M-650, Edition 4				
Material designation and MDS No.:	ASTM A182:F55, MDS D54 REV.5, EN 10222-5:1.4501				
Manufacturing Summary doc. No.:	UF/MS-03			Rev. No.:1	
Production and manufacturing process(es):	die forging :size 0.5"to 10" (WN ,SO ,SW, BL) AND open-die forging: Size 8" to 16" (WN, SO, SW ,BL) Production route No: UF/FC-01				
Mandatory conditions and sub-contractors:	●Forging temperature range: 1150 - 850°C; ●Forging ratio ≥4; after forging cooling in water ●Forgings shall be machined as close as possible to final shape prior to quality heat treatment. ●Quenching: in cold water max 34 °C within 60s				
Other information:	All tests shall be performed in an ISO/IEC/17025 accredited laboratory.				
Qualification expires:	2025-05-26				
Tested and qualified thickness and weight					
Products and manufacturing process(es):	Test record No.	Tested thickness mm	Qualified thickness mm	Test piece weight kg	Qualified weight Kg
die forging	1	37	40.7	18	36
open-die forging	2	78	78	256	All
Qualification/acceptance signatures					
Manufacturer: JIANGYIN UNIQUE FLANGE MANUFACTURING CO.,LTD. 江陰尤尼科法蘭製造有限公司	Prepared by/Date: Zouke 2020.4.15			Checked by/Date:  2020.4.15	
The manufacturer and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 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.					
Qualified/Accepted by (company name /address): 			Signature/Date: Apr 15, 2020 		

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	Qualification Test Record (QTR) NORSOK M-650		QTR. No.: UNI-QTR-04		
			Rev. No.:02		
Manufacturer name/address/ Web page:	Jiangyin Unique Flange Manufacturing Co., Ltd. 66 Haida Rd, Huashi Town, Jiangyin City, Jiangsu Province, 214421, China. www.uniqueflange.com				
Reference standard	NORSOK M-650, Edition 4				
Material designation and MDS No.:	ASTM A182:F60/F51, MDS D44 REV.5, EN 10222-5:1.4462				
Manufacturing Summary doc. No.:	UF/MS-02			Rev. No.:1	
Production and manufacturing process(es):	die forging :size 0.5"to 10" (WN ,SO ,SW, BL) AND open-die forging: Size 8" to 16" (WN, SO, SW ,BL) Production route No: UF/FC-01				
Mandatory conditions and sub-contractors:	●Forging temperature range: 1150 - 850°C; ●Forging ratio ≥4; after forging cooling in water ●Forgings shall be machined as close as possible to final shape prior to quality heat treatment. ●Quenching: in cold water max 34 °C within 60s				
Other information:	All tests shall be performed in an ISO/IEC/17025 accredited laboratory.				
Qualification expires:	2025-05-26				
Tested and qualified thickness and weight					
Products and manufacturing process(es):	Test record No.	Tested thickness mm	Qualified thickness mm	Test piece weight kg	Qualified weight Kg
die forging	1	43	47.3	15	30
open-die forging	2	67	73.7	256	All
Qualification/acceptance signatures					
Manufacturer: JIANGYIN UNIQUE FLANGE MANUFACTURING CO., LTD. 江陰尤尼科法蘭制造有限公司	Prepared by/Date: Zouke 2020.4.15		Checked by/Date: Tuboshu 2020.4.15		
The manufacturer and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 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.					
Qualified/Accepted by (company name /address):			Signature/Date: Apr 15, 2020 Miao Xiong		
					

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	Qualification Test Record (QTR) NORSOK M-650			QTR. No.: UNI-QTR-05	
				Rev. No.:02	
Manufacturer name/address/ Web page:	Jiangyin Unique Flange Manufacturing Co., Ltd. 66 Haida Rd, Huashi Town, Jiangyin City, Jiangsu Province, 214421, China. www.uniqueflange.com				
Reference standard	NORSOK M-650, Edition 4				
Material designation and MDS No.:	ASTM A182:F304L, EN 10222-5:1.4307				
Manufacturing Summary doc. No.:	UF/MS-04			Rev. No.:1	
Production and manufacturing process(es):	die forging :size 0.5"to 10" (WN ,SO ,SW, BL) AND open-die forging: Size 8" to 16" (WN, SO, SW ,BL) Production route No: UF/FC-01				
Mandatory conditions and sub-contractors:	●Forging temperature range: 1150 - 850°C; ●Forging ratio ≥4; after forging cooling in water ●Forgings shall be machined as close as possible to final shape prior to quality heat treatment. ●Quenching: in cold water max 34 °C within 60s				
Other information:	All tests shall be performed in an ISO/IEC/17025 accredited laboratory.				
Qualification expires:	2025-05-26				
Tested and qualified thickness and weight					
Products and manufacturing process(es):	Test record No.	Tested thickness mm	Qualified thickness mm	Test piece weight kg	Qualified weight Kg
die forging	1	37	40.7	20.5	41
open-die forging	2	75	75	285	All
Qualification/acceptance signatures					
Manufacturer: JIANGYIN UNIQUE FLANGE MANUFACTURING CO.,LTD. 江陰尤尼科法蘭制造有限 公司	Prepared by/Date: Zou Ke 2020.4.15			Checked by/Date: TUBISHA 2020.4.15	
The manufacturer and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 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.					
Qualified/Accepted by (company name /address): 			Signature/Date: Apr 15, 2020 Miao Xiong		

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	Qualification Test Record (QTR) NORSOK M-650			QTR. No.: UNI-QTR-06	
				Rev. No.:02	
Manufacturer name/address/ Web page:	Jiangyin Unique Flange Manufacturing Co., Ltd. 66 Haida Rd, Huashi Town, Jiangyin City, Jiangsu Province, 214421, China. www.uniqueflange.com				
Reference standard	NORSOK M-650, Edition 4				
Material designation and MDS No.:	ASTM A182:F316L, EN 10222-5:1.4404, MDS S01 Rev.5				
Manufacturing Summary doc. No.:	UF/MS-05			Rev. No.:1	
Production and manufacturing process(es):	die forging :size 0.5"to 10" (WN ,SO ,SW, BL) AND open-die forging: Size 8" to 16" (WN, SO, SW ,BL) Production route No: UF/FC-01				
Mandatory conditions and sub-contractors:	●Forging temperature range: 1150 - 850°C; ●Forging ratio ≥4; after forging cooling in water ●Forgings shall be machined as close as possible to final shape prior to quality heat treatment. ●Quenching: in cold water max 34 °C within 60s				
Other information:	All tests shall be performed in an ISO/IEC/17025 accredited laboratory.				
Qualification expires:	2025-05-26				
Tested and qualified thickness and weight					
Products and manufacturing process(es):	Test record No.	Tested thickness mm	Qualified thickness mm	Test piece weight kg	Qualified weight Kg
die forging	1	37	40.7	20.5	41
open-die forging	2	67	67	256	All
Qualification/acceptance signatures					
Manufacturer: JIANGYIN UNIQUE FLANGE MANUFACTURING CO.,LTD. 江陰尤尼科法蘭制造有限公司	Prepared by/Date: Zoube 2020.4.15		Checked by/Date: [Signature] 2020.4.15		
The manufacturer and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 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.					
Qualified/Accepted by (company name /address): 			Signature/Date: Apr 15, 2020 Miao Xiong		

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	Qualification Test Record (QTR) NORSOK M-650		QTR. No.: UNI-QTR-07		
			Rev. No.:02		
Manufacturer name/address/ Web page:	Jiangyin Unique Flange Manufacturing Co., Ltd. 66 Haida Rd, Huashi Town, Jiangyin City, Jiangsu Province, 214421, China. www.uniqueflange.com				
Reference standard	NORSOK M-650, Edition 4				
Material designation and MDS No.:	ASTM A182:F316Ti, EN 10222-5:1.4571				
Manufacturing Summary doc. No.:	UF/MS-04			Rev. No.:1	
Production and manufacturing process(es):	die forging :size 0.5"to 10" (WN ,SO ,SW ,BL) AND open-die forging: Size 8" to 16" (WN, SO, SW ,BL) Production route No: UF/FC-01				
Mandatory conditions and sub-contractors:	●Forging temperature range: 1150 - 850°C; ●Forging ratio ≥4; after forging cooling in water ●Forgings shall be machined as close as possible to final shape prior to quality heat treatment. ●Quenching: in cold water max 34 °C within 60s				
Other information:	All tests shall be performed in an ISO/IEC/17025 accredited laboratory.				
Qualification expires:	2025-05-26				
Tested and qualified thickness and weight					
Products and manufacturing process(es):	Test record No.	Tested thickness mm	Qualified thickness mm	Test piece weight kg	Qualified weight Kg
die forging	1	45	49.5	26	52
open-die forging	2	70	70	265	All
Qualification/acceptance signatures					
Manufacturer: JIANGYIN UNIQUE FLANGE MANUFACTURING CO.,LTD. 江陰尤尼科法蘭制造有限公司	Prepared by/Date: Zou ke 2020.4.15		Checked by/Date: Tubi 2020.4.15		
The manufacturer and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 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.					
Qualified/Accepted by (company name /address): 			Signature/Date: Apr 15, 2020 Miao Xiong		

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	Qualification Test Record (QTR) NORSOK M-650			QTR. No.: UNI-QTR-08	
				Rev. No.:02	
Manufacturer name/address/ Web page:	Jiangyin Unique Flange Manufacturing Co., Ltd. 66 Haida Rd, Huashi Town, Jiangyin City, Jiangsu Province, 214421, China. www.uniqueflange.com				
Reference standard	NORSOK M-650, Edition 4				
Material designation and MDS No.:	ASTM A182:F321, EN 10222-5:1.4541				
Manufacturing Summary doc. No.:	UF/MS-04			Rev. No.:1	
Production and manufacturing process(es):	die forging :size 0.5"to 10" (WN ,SO ,SW ,BL) AND open-die forging: Size 8" to 16" (WN, SO, SW ,BL) Production route No: UF/FC-01				
Mandatory conditions and sub-contractors:	●Forging temperature range: 1150 - 850°C; ●Forging ratio ≥4; after forging cooling in water ●Forgings shall be machined as close as possible to final shape prior to quality heat treatment. ●Quenching: in cold water max 34 °C within 60s				
Other information:	All tests shall be performed in an ISO/IEC/17025 accredited laboratory.				
Qualification expires:	2025-05-26				
Tested and qualified thickness and weight					
Products and manufacturing process(es):	Test record No.	Tested thickness mm	Qualified thickness mm	Test piece weight kg	Qualified weight Kg
die forging	1	50	55	31	62
open-die forging	2	70	70	265	All
Qualification/acceptance signatures					
Manufacturer: JIANGYIN UNIQUE FLANGE MANUFACTURING CO.,LTD. 江陰尤尼科法蘭制造有限公司	Prepared by/Date: Zouke 2020.4.15		Checked by/Date: Tubishu 2020.4.15		
The manufacturer and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 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.					
Qualified/Accepted by (company name /address): 			Signature/Date: Apr 15, 2020 Miao Xiong		

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	Qualification Test Record (QTR) NORSOK M-650			QTR. No.: UNI-QTR-09	
				Rev. No.:02	
Manufacturer name/address/ Web page:	Jiangyin Unique Flange Manufacturing Co., Ltd. 66 Haida Rd, Huashi Town, Jiangyin City, Jiangsu Province, 214421, China. www.uniqueflange.com				
Reference standard	NORSOK M-650, Edition 4				
Material designation and MDS No.:	ASTM A182:F904L, EN 10222-5:1.4539				
Manufacturing Summary doc. No.:	UF/MS-06			Rev. No.:1	
Production and manufacturing process(es):	die forging :size 0.5"to 10" (WN ,SO ,SW, BL) AND open-die forging: Size 8" to 16" (WN, SO, SW ,BL) Production route No: UF/FC-01				
Mandatory conditions and sub-contractors:	●Forging temperature range: 1150 - 850°C; ●Forging ratio ≥4; after forging cooling in water ●Forgings shall be machined as close as possible to final shape prior to quality heat treatment. ●Quenching: in cold water max 34 °C within 60s				
Other information:	All tests shall be performed in an ISO/IEC/17025 accredited laboratory.				
Qualification expires:	2025-05-26				
Tested and qualified thickness and weight					
Products and manufacturing process(es):	Test record No.	Tested thickness mm	Qualified thickness mm	Test piece weight kg	Qualified weight Kg
die forging	1	40	44	13	26
open-die forging	2	83	83	256	All
Qualification/acceptance signatures					
Manufacturer: JIANGYIN UNIQUE FLANGE MANUFACTURING CO., LTD. 江陰尤尼科法蘭制造有限 公司	Prepared by/Date: <i>Zouke</i> 2020.4.15			Checked by/Date: <i>Jubichu</i> 2020.4.15	
The manufacturer and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 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.					
Qualified/Accepted by (company name /address): 			Signature/Date: Apr 15, 2020 <i>Miao Xiong</i>		