QTR No: **NSL-NORSOK-Qualification test record** 001 NORSOK M-650 Rev No: 2 Manufacturer name: Nautic Steels Ltd Nautic House, Claymore, Tame Valley Ind Est. Tamworth, Staffordshire B77 5DQ Address: Web page: www.nautic.co.uk Reference standard NORSOK M-650 Rev 4 Material designation ASTM A403 UNSS31254 - MDS R13 Rev 5 and MDS No: Manufacturing summary Rev No: NSL-NORSOK-6M-WLD doc No: 2 Products and Buttweld pipe fittings, cold pressed from plate, welded, solution annealed. manufacturing consisting of :long & short radius Elbows, Size range 6" to 24" NB, thickness range 5mm to 15mm. process(es): Equal & reducing Tees, Size range 6" to 24" NB, thickness range 5mm to 18.75mm. Concentric & eccentric Reducers. Size range 6" to 24" NB, thickness range 5mm to Mandatory conditions Sub-contractors - Southdown Materials Testing and sub-contractors: Other information: All plate & weld consumables from quality approved source **Tested and Qualified Thickness and Weight** Qualified weight Products and Test record Tested Qualified Test piece manufacturing process No: thickness (mm) thickness (mm) weight (kg) (kg) Butt weld Elbows, cold pressed, GTAW U0347-7 12mm 15mm NA NA welded, solution annealed Butt weld Tees, cold pressed, GTAW U0347-6 15mm 18.75mm NA NA welded, solution annealed Butt weld Reducers. cold pressed, GTAW NΑ U0347-8 12_{mm} 15mm NA welded, solution annealed **Qualification/Acceptance signatures** Checked by/Date: Prepared by/Date: Manufacturer: 26.4.16 Smanh Cooper 25.4.16 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

Signature/date:

NSL-NORSOK-QTR-001

Qualified/Accepted by:

Lloyd's Register EMEA

QTR No: OTR **NSL-NORSOK-**Qualification test record NORSOK M-650 Rev No: Manufacturer name: Nautic Steels Ltd Nautic House, Claymore, Tame Valley Ind Est. Tamworth, Staffordshire B77 5DQ Address: Web page: www.nautic.co.uk NORSOK M-650 Rev 4 Reference standard Material designation ASTM A815 UNSS31803 - MDS D43 Rev 5 and MDS No: Manufacturing summary Rev No: NSL-NORSOK-DU-WLD doc No: Products and Buttweld pipe fittings cold pressed from plate, welded, solution annealed, manufacturing consisting of, long & short radius Elbows. Size range 6" to 24"NB, thickness range 5mm to 15mm. process(es): Equal & reducing Tees, Size range 6" to 24"NB, thickness range 5mm to 18.75mm. Concentric & eccentric Reducers. Size range 6" to 24"NB, thickness range 5mm to 15mm. Mandatory conditions Sub-contractors - Southdown Materials Testing and sub-contractors: Other information: Qualification excludes ASTM G 48 Method A corrosion test All plate & weld consumables from quality approved source **Tested and Qualified Thickness and Weight** Test record Tested Qualified Test piece Qualified weight Products and manufacturing process No: thickness (mm) thickness (mm) weight (kg) (kg) Butt weld Elbows, cold pressed, GTAW U0306-7 12mm 15mm NA welded, solution annealed Butt weld Tees, cold pressed, GTAW U0306-6 15mm 18.75mm NA welded, solution annealed Butt weld Reducers. cold pressed, GTAW U0306-8 12_{mm} 15mm NA welded, solution annealed Qualification/Acceptance signatures

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NA

NA

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26/4/16

Prepared by/Date: Checked by/Date: Manufacturer:

S. Cooper 25.4.16 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: Signature/date: Lloyd's Register EMEA

QTR No: **NSL-NORSOK-**

		003					
		NORSON	V INI-050		Rev No: 2		
Manufacturer name: Address: Web page:	Nautic House,	Nautic Steels Ltd Nautic House, Claymore, Tame Valley Ind Est. Tamworth, Staffordshire B77 5DQ www.nautic.co.uk					
Reference standard	NORSOK M-65	50 Rev 4					
Material designation and MDS No:	ASTM A815 UI	NSS32760 - MDS	D53 Rev 5				
Manufacturing summary doc No:	NSL-NORSOK	-SD-WLD			Rev No: 2		
Products and manufacturing process(es):	Buttweld pipe fittings cold pressed from plate, welded, solution annealed consisting of long & short radius Elbows, Size range 6" to 24"NB thickness range 5mm to 15mm Equal & reducing Tees, Size range 6" to 24"NB thickness range 5mm to 18.75mm Concentric & eccentric Reducers. Size range 6" to 24"NB thickness range 5mm to 15mm						
Mandatory conditions and sub-contractors:	Sub-contractors – Southdown Materials Testing						
Other information:	All plate & weld consumables from quality approved source						
Te	ested and G	Qualified Thic	ckness and V	Veight			
Products and manufacturing process (es):	Test record No:	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)		
Butt weld Elbows, cold pressed, GTAW welded, solution annealed	U0340-7	12mm	15mm	NA	NA		
Butt weld Tees, cold pressed, GTAW welded, solution annealed	U0340-6	15mm	18.75mm	NA	NA		
Butt weld Reducers							

Qualification/Acceptance signatures

15mm

NA

NA

Manufacturer:	Prepared by/Date:	Checked by/Date:	
	S. Cooper 25.4.16	Alawands	26.4.16
The manufacturer on	d this OTD are avaluated and foun	d to be in compliance with	the requiremen

12mm

U0340-8

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:	Signature/date:	04 AUG 16.
		WITHESSED
Lloyd's Register EMEA		REVIEWED Z
		Birmingham Office Lloyd's Register EMEA R. K. Loo. I Co.
		per such market or rather strategies about the second contract and a strategies and a second contract and a se

cold pressed, GTAW

welded, solution annealed

QTR No: NSL-NORSOK-**Qualification test record** 004 NORSOK M-650 Rev No: 2 Manufacturer name: Nautic Steels Ltd Address: Nautic House, Claymore, Tame Valley Ind Est. Tamworth, Staffordshire B77 5DQ www.nautic.co.uk Web page: Reference standard NORSOK M-650 Rev 4 Material designation ASTM A403 UNSS31254 - MDS R13 Rev 5 and MDS No: Manufacturing summary Rev No: NSL-NORSOK-6M-SMLS-ELB doc No: 2 Products and Cold formed seamless and annealed Buttweld long & short radius Elbows, Size range 3/4" to 6" NB & thickness range ≤ 8.89 manufacturing process(es): Manufacturing process - cold formed from Pipe, solution annealed Mandatory conditions Sub-contractors - Southdown Materials Testing and sub-contractors: Other information: **Tested and Qualified Thickness and Weight** Products and Test record Tested Qualified Test piece Qualified weight manufacturing process No: thickness (mm) thickness (mm) weight (kg) (es): (kg) Butt weld seamless elbows cold pressed. U0347-1 7.11mm 8.89mm NA NA solution annealed **Qualification/Acceptance signatures** Checked by/Date: Prepared by/Date: Manufacturer: Flavond 26.4.16 · Cooper 25.4.16 The manufacturer and this QTR are evaluated and found to be in compliance with the requirements of

for his products within the essential variables of NORSOK M-650

Qualified/Accepted by:

Lloyd's Register EMEA

Signature/date:

REVIEWED A COLOMBINION OF THE PROPERTY OF THE

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

	NORSOK M-650				005 Rev No: 2		
Manufacturer name: Address: Web page:	Nautic Steels Nautic House, www.nautic.co	Claymore, Tame V	/alley Ind Est. Tam	worth, Staffor	dshire B77 5DQ		
Reference standard	NORSOK M-6	NORSOK M-650 Rev 4					
Material designation and MDS No:	ASTM A403 U	ASTM A403 UNSS31254 - MDS R13 Rev 5					
Manufacturing summary doc No:	NSL-NORSON	K-6M-SMLS-TEE			Rev No: 2		
Products and manufacturing process(es):	Size range 3/4	Cold formed seamless and annealed Buttweld Tees (Equal & Reducing) Size range 3/4" to 8" NB & thickness range ≤ 8.89mm Manufacturing process – cold formed from Pipe, solution annealed					
Mandatory conditions and sub-contractors:	Sub-contractors – Southdown Materials Testing						
Other information:							
Te	ested and C	Qualified Thic	ckness and V	Veight			
Products and manufacturing process (es):	Test record No:	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)		
Butt weld seamless Tees cold pressed, solution annealed	U0347-2	7.11mm	8.89mm	NA	NA		
	Qualifica	tion/Accepta	nce signatur	es			
Manufacturer:	Prepared by/Da		Checked by/Date: 26.4.16 and to be in compliance with the requirements of				
NORS This acceptance does no	SOK M-650 for s t exempt any pu	evaluated and found supply of the above rchaser from his re	d to be in compliant listed products and sponsibility to ensu	ce with the re d materials. ıre that this qu	quirements of		
for his products within the essential va Qualified/Accepted by: Lloyd's Register EMEA			Signature/date:		LI COLOPO		

QTR No: NSL-NORSOK-Qualification test record 006 NORSOK M-650 Rev No: 2 Manufacturer name: Nautic Steels Ltd Address: Nautic House, Claymore, Tame Valley Ind Est. Tamworth, Staffordshire B77 5DQ Web page: www.nautic.co.uk Reference standard NORSOK M-650 Rev 4 Material designation ASTM A403 UNSS31254 - MDS R13 Rev 5 and MDS No: Manufacturing summary Rev No: NSL-NORSOK-6M-SMLS-RED doc No: 2 Cold formed seamless and annealed Buttweld Reducers Products and manufacturing Size range 3/4" to 6" NB & thickness range ≤ 8.89mm process(es): Manufacturing process - cold formed from Pipe, solution annealed Mandatory conditions Sub-contractors - Southdown Materials Testing and sub-contractors: Other information: **Tested and Qualified Thickness and Weight** Products and Test record Tested Qualified Test piece Qualified weight manufacturing process No: thickness (mm) thickness (mm) weight (kg) (kg) Butt weld seamless Reducers cold pressed. U0347-3 7.11mm 8.89mm NA NA solution annealed Qualification/Acceptance signatures Prepared by/Date: Checked by/Date: Manufacturer: Eulands 264.16 Cooper 25.4.16

Lloyd's Register EMEA

REVIEWED TO THE REGISTER EMEA R. K. IOCHIC

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

Signature/date:

Qualified/Accepted by:

L	NORSOK M-650				007		
NORSOK WI-030				Rev No: 2			
Manufacturer name: Address: Web page:	Nautic Steels Nautic House www.nautic.co	, Claymore, Tame \	/alley Ind Est. Tam	worth, Staffor	dshire B77 5DQ		
Reference standard	NORSOK M-6	650 Rev 4					
Material designation and MDS No:	ASTM A815 L	ASTM A815 UNSS31803 - MDS D43 Rev 5					
Manufacturing summary doc No:	NSL-NORSOI	NSL-NORSOK-DU-SMLS-ELB Rev No:					
Products and manufacturing process(es):	Size range 3/4	Cold formed seamless and annealed Buttweld long & short radius Elbows, Size range 3/4" to 6" NB & thickness range ≤ 8.89mm Manufacturing process – cold formed from Pipe, solution annealed					
Mandatory conditions and sub-contractors:	Sub-contracto	Sub-contractors – Southdown Materials Testing					
Other information:	Qualification excludes ASTM G 48 Method A corrosion test						
To	ested and	Qualified Thic	ckness and V	Veight			
Products and manufacturing process (es):	Test record No:	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)		
Butt weld seamless elbows cold pressed, solution annealed	U0306-1	7.11	8.89mm	NA	NA		
	Qualifica	ition/Accepta	nce signatur	es			
Manufacturer:	Prepared by/D	Oate:	Checked by/Date: Paulands 26.4.16 Indicate the description of the second of the seco				
This acceptance does no	SOK M-650 for ot exempt any pu	supply of the above urchaser from his re	e listed products an esponsibility to ensi	d materials. ure that this qu K M-650	ualification is valid		
for his products within the essential vi Qualified/Accepted by: Lloyd's Register EMEA			Signature/date:	REVIEWED TO Birmingham Office Lloyd's Register E	Pierop		

		008 Rev No: 2					
Manufacturer name: Address: Web page:	Nautic Steels Nautic House, www.nautic.co	Claymore, Tame V	/alley Ind Est. Tam	worth, Staffor	dshire B77 5DQ		
Reference standard	NORSOK M-6	550 Rev 4					
Material designation and MDS No:	ASTM A815 U	JNSS31803 - MDS	S D43 Rev 5				
Manufacturing summary doc No:	NSL-NORSO	NSL-NORSOK-DU-SMLS-RED Rev No: 2					
Products and manufacturing process(es):	Size range 3/4	Cold formed seamless and annealed Buttweld Reducers Size range 3/4" to 6" NB & thickness range ≤ 8.89mm Manufacturing process – cold formed from Pipe, solution annealed					
Mandatory conditions and sub-contractors:	Sub-contracto	Sub-contractors – Southdown Materials Testing					
Other information:	Qualification excludes ASTM G 48 Method A corrosion test						
		Qualified Thic					
Products and manufacturing process (es):	Test record No:	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)		
Butt weld seamless Reducers cold pressed, solution annealed	U0306-3	7.11mm	8.89mm	NA	NA		
	Qualifica	tion/Accepta	nce signatur	es			
Manufacturer:	Prepared by/D	e 25.4.16	Checked by/Date: Checked by/Date: 26-4-16 and to be in compliance with the requirements of				
NOR: This acceptance does no	SOK M-650 for : t exempt any pu	supply of the above irchaser from his re	listed products an sponsibility to ensu	d materials. ure that this q			
for his products within the essential v Qualified/Accepted by: Lloyd's Register EMEA			Signature/date:	REVIEWED TO			

QTR No: **QTR NSL-NORSOK-Qualification test record** 009 NORSOK M-650 Rev No: 2 Manufacturer name: Nautic Steels Ltd Nautic House, Claymore, Tame Valley Ind Est. Tamworth, Staffordshire B77 5DQ Address: Web page: www.nautic.co.uk NORSOK M-650 Rev 4 Reference standard Material designation ASTM A815 UNSS31803 - MDS D43 Rev 5 and MDS No: Manufacturing summary Rev No: NSL-NORSOK-DU-SMLS-TEE doc No: Products and Cold formed seamless and annealed Buttweld Tees (Equal & Reducing) manufacturing Size range 3/4" to 8" NB & thickness range ≤ 8.89mm process(es): Manufacturing process – cold formed from Pipe, solution annealed Mandatory conditions Sub-contractors - Southdown Materials Testing and sub-contractors: Other information: Qualification excludes ASTM G 48 Method A corrosion test Tested and Qualified Thickness and Weight Products and Test record Tested Qualified Test piece Qualified weight manufacturing process No: thickness (mm) thickness (mm) weight (kg) (kg) (es): Butt weld seamless Tees cold pressed, U0306-2 7.11mm 8.89mm NA NA solution annealed **Qualification/Acceptance signatures** Checked by/Date: Prepared by/Date: Manufacturer: 26.4.16 Harlands S. (ooper 25.4.16 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:

Lloyd's Register EMEA

Signature/date:

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L		Rev No:						
Manufacturer name: Address: Web page:		Nautic Steels Ltd Nautic House, Claymore, Tame Valley Ind Est. Tamworth, Staffordshire B77 5DQ www.nautic.co.uk						
Reference standard	NORSOK M-6	NORSOK M-650 Rev 4						
Material designation and MDS No:	ASTM A815 U	ASTM A815 UNSS32760 - MDS D53 Rev 5						
Manufacturing summary doc No:	NSL-NORSO	K-SD-SMLS-TEE			Rev No: 2			
Products and manufacturing process(es):	Size range 3/4	Cold formed seamless and annealed Buttweld Tees (Equal & Reducing) Size range 3/4" to 8" NB & thickness range ≤ 8.89mm Manufacturing process – cold formed from Pipe, solution annealed						
Mandatory conditions and sub-contractors:	Sub-contractors – Southdown Materials Testing							
Other information:								
Te	ested and (Qualified Thic	ckness and V	Weight				
Products and manufacturing process (es):	Test record No:	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)			
Butt weld seamless Tees cold pressed, solution annealed	U0340-2	7.11	8.89mm	NA	NA			
	Qualifica	tion/Accepta	nce signatur	res				
Manufacturer:	Prepared by/D		Checked by/Date: 26 -4-16 and to be in compliance with the requirements of					
NOR: This acceptance does no	SOK M-650 for : t exempt any pเ	supply of the above irchaser from his re	d to be in complian listed products an sponsibility to ensu	ice with the re d materials. ure that this qi	quirements of			
for his products within the essential v Qualified/Accepted by: Lloyd's Register EMEA			Signature/date:	REVIEWED Airmingham Offic				

		Rev No:					
Manufacturer name: Address: Web page:	Nautic Steels I Nautic House, www.nautic.co	Claymore, Tame V	alley Ind Est. Tam	worth, Staffor	dshire B77 5DQ		
Reference standard	NORSOK M-6	50 Rev 4					
Material designation and MDS No:	ASTM A815 U	ASTM A815 UNSS32760 - MDS D53 Rev 5					
Manufacturing summary doc No:	NSL-NORSOK	(-SD-SMLS-ELB		,	Rev No: 2		
Products and manufacturing process(es):	Size range 3/4	Cold formed seamless and annealed Buttweld long & short radius Elbows, Size range 3/4" to 6" NB & thickness range ≤ 8.89mm Manufacturing process – cold formed from Pipe, solution annealed					
Mandatory conditions and sub-contractors:	Sub-contractor	Sub-contractors – Southdown Materials Testing					
Other information:							
Te	ested and C	Qualified Thic	kness and V	Veight			
Products and manufacturing process (es):	Test record No:	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)		
Butt weld seamless elbows cold pressed, solution annealed	U0340-1	7.11mm	8.89mm	NA	NA		
	Qualifica	tion/Accepta	nce signatur	es			
Manufacturer:	Prepared by/D		Checked by/Date: 26.4.16 Indicate to be in compliance with the requirements of				
NORS This acceptance does no	SOK M-650 for s t exempt any pu	supply of the above	listed products and sponsibility to ensu	d materials. ıre that this qı			
Qualified/Accepted by: Lloyd's Register EMEA	,		Signature/date:	MITNESSED REVIEWED	- [2]		
	Birmingham Office Lioyd's Register EMEA				fice EMEA		

L	NORSOK M-650				012 Rev No: 2	
Manufacturer name: Address: Web page:	Nautic Steels I Nautic House, www.nautic.co	Claymore, Tame V	/alley Ind Est. Tam	worth, Staffor	dshire B77 5DQ	
Reference standard	NORSOK M-6	50 Rev 4				
Material designation and MDS No:	ASTM A815 U	NSS32760 - MDS	D53 Rev 5			
Manufacturing summary doc No:	NSL-NORSOK	K-SD-SMLS-RED			Rev No: 2	
Products and manufacturing process(es):	Size range 3/4	Cold formed seamless and annealed Buttweld Reducers Size range 3/4" to 6" NB & thickness range ≤ 8.89mm Manufacturing process – cold formed from Pipe, solution annealed				
Mandatory conditions and sub-contractors:	Sub-contractors – Southdown Materials Testing					
Other information:						
T€	ested and (Qualified Thic	ckness and V	Veight		
Products and manufacturing process (es):	Test record No:	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)	
Butt weld seamless Reducers cold pressed, solution annealed	U0340-3	7.11mm	8.89mm	NA	NA	
	Qualifica	tion/Accepta	nce signatur	'es		
Manufacturer:	Prepared by/Da	ate: - 25-14-16	Checked by/Date: 26 - 4 - 16 and to be in compliance with the requirements of			
NORS This acceptance does no	SOK M-650 for s t exempt any pu	supply of the above	listed products an sponsibility to ensu	d materials. ure that this qu		
Qualified/Accepted by:			Signature/date:	WITNESSED	15	
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		013 Rev No: 2					
Manufacturer name: Address: Web page:	Nautic Steels Nautic House, www.nautic.co	Claymore, Tame V	/alley Ind Est. Tam	worth, Staffor	dshire B77 5DQ		
Reference standard	NORSOK M-6	50 Rev 4					
Material designation and MDS No:	ASTM A815 U	INSS32760 - MDS	D53 Rev 5				
Manufacturing summary doc No:	NSL-NORSO	NSL-NORSOK-SD-SMLS-SE Rev No:					
Products and manufacturing process(es):	Size range 3/4	Cold formed seamless and annealed Stub End Flanges Size range 3/4" to 6" NB & thickness range ≤ 13.75mm Manufacturing process – cold formed from Pipe, solution annealed					
Mandatory conditions and sub-contractors:	Sub-contractors – Southdown Materials Testing						
Other information:		Qualified This	almost and V	Maiakt			
		Qualified Thic					
Products and manufacturing process (es):	Test record No:	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)		
Butt weld seamless Stub Ends cold pressed, solution annealed	U0340-4	11mm	13.75mm	NA	NA		
	·						
	Qualifica	tion/Accepta	nce signatur	es			
Manufacturer:	Prepared by/D	ate:	Checked by/Date: 26-4-16 and to be in compliance with the requirements of				
NORS This acceptance does no	SOK M-650 for s t exempt any pu	supply of the above irchaser from his re	listed products an sponsibility to ensu ariables of NORSC	d materials. ure that this qu			
for his products within the essential volume Qualified/Accepted by: Lloyd's Register EMEA			Signature/date:	REVIEWED REVIEWED REVIEWED Lioyd's Register			

QTR No: **NSL-NORSOK-Qualification test record** 014 NORSOK M-650 Rev No: 2 Nautic Steels Ltd Manufacturer name: Nautic House, Claymore, Tame Valley Ind Est. Tamworth, Staffordshire B77 5DQ Address: Web page: www.nautic.co.uk Reference standard NORSOK M-650 Rev 4 Material designation ASTM A815 UNSS31803 - MDS D43 Rev 5 and MDS No: Manufacturing summary Rev No: NSL-NORSOK-DU-SMLS-SE doc No: 2 Products and Cold formed seamless and annealed Stub End Flanges manufacturing Size range 3/4" to 6" NB & thickness range ≤ 13.75mm Manufacturing process – cold formed from Pipe, solution annealed process(es): Mandatory conditions Sub-contractors - Southdown Materials Testing and sub-contractors: Other information: Qualification excludes ASTM G 48 Method A corrosion test **Tested and Qualified Thickness and Weight** Products and Test record Tested Qualified Test piece Qualified weight manufacturing process No: thickness (mm) thickness (mm) weight (kg) (kg) (es): Butt weld seamless Stub Ends cold U0306-4 11mm 13.75mm NA NA pressed, solution annealed **Qualification/Acceptance signatures** Prepared by/Date: Checked by/Date: Manufacturer: Faulands 26.4.16 S. Cooper 25.4.16

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:	Signature/date:		
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		Birmingham Office Lloyd's Register EMEA	DN , Zan

QTR No: NSL-NORSOK-**Qualification test record** 015 NORSOK M-650 Rev No: 2 Manufacturer name: Nautic Steels Ltd Nautic House, Claymore, Tame Valley Ind Est. Tamworth, Staffordshire B77 5DQ Address: Web page: www.nautic.co.uk Reference standard NORSOK M-650 Rev 4 Material designation ASTM A403 UNSS31254 - MDS R13 Rev 5 and MDS No: Manufacturing summary Rev No: NSL-NORSOK-6M-SMLS-SE doc No: 2 Products and Cold formed seamless and annealed Stub End Flanges manufacturing Size range 3/4" to 6" NB & thickness range ≤ 8.89mm Manufacturing process – cold formed from Pipe, solution annealed process(es): Mandatory conditions Sub-contractors - Southdown Materials Testing and sub-contractors: Other information: **Tested and Qualified Thickness and Weight** Products and Test record Tested Qualified Test piece Qualified weight manufacturing process No: thickness (mm) thickness (mm) weight (kg) (kg) Butt weld seamless Stub Ends cold U0347-4 7.11mm 8.89mm NA NA pressed, solution annealed **Qualification/Acceptance signatures** Prepared by/Date: Checked by/Date: Manufacturer: Howlands 26.4.16 S. Cooper 25.4.16

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:

Signature/date:

Lloyd's Register EMEA

Signature/date:

Birminghem Office Lloyd's Register EMEA



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QTR No: OTR **NSL-NORSOK-Qualification test record** 016 NORSOK M-650 Rev No: 2 Nautic Steels Ltd Manufacturer name: Nautic House, Claymore, Tame Valley Ind Est. Tamworth, Staffordshire B77 5DQ Address: Web page: www.nautic.co.uk Reference standard NORSOK M-650 Rev 4 Material designation ASTM A815 UNSS32760 - MDS D53 Rev 5 and MDS No: Rev No: Manufacturing summary NSL-NORSOK-SD-WLD-SE 2 doc No: Products and Welded Cold formed and annealed Stub End Flanges manufacturing Size range 6" to 24" NB & thickness range ≤ 18.75mm process(es): Manufacturing process – cold formed from Plate, welded, cold formed, solution annealed Mandatory conditions Sub-contractors - Southdown Materials Testing and sub-contractors: Other information: All plate & weld consumables from quality approved source Tested and Qualified Thickness and Weight Test record Qualified Test piece Qualified weight Products and Tested thickness (mm) thickness (mm) weight manufacturing process No: (kg) (kg) (es): Butt weld, welded Stub NA Ends cold pressed, U0340-9 18.75mm NA 15mm solution annealed **Qualification/Acceptance signatures** Checked by/Date: Prepared by/Date:

Howlands Cooper 25.4-16 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:

Lloyd's Register EMEA

Manufacturer:

Signature/date:



26.4.16



QTR No: QTR **NSL-NORSOK-Qualification test record** 017 NORSOK M-650 Rev No: 2 Manufacturer name: Nautic Steels Ltd Nautic House, Claymore, Tame Valley Ind Est. Tamworth, Staffordshire B77 5DQ Address: Web page: www.nautic.co.uk Reference standard NORSOK M-650 Rev 4 Material designation ASTM A815 UNSS31803 - MDS D43 Rev 5 and MDS No: Manufacturing summary Rev No: NSL-NORSOK-DU-WLD-SE doc No: 2 Products and Welded Cold formed and annealed Stub End Flanges manufacturing Size range 6" to 24" NB & thickness range 18.75mm process(es): Manufacturing process – cold formed from Plate, welded, cold formed, solution annealed Mandatory conditions Sub-contractors - Southdown Materials Testing and sub-contractors: Other information: Qualification excludes ASTM G 48 Method A corrosion test Tested and Qualified Thickness and Weight Products and Test record Tested Qualified Test piece Qualified weight manufacturing process No: thickness (mm) thickness (mm) weight (kg) (es): (kg) Butt weld, welded Stub Ends cold pressed, U0306-9 15mm 18.75mm NA NA solution annealed **Qualification/Acceptance signatures** Prepared by/Date: Checked by/Date: Manufacturer:

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

5. Corper 25.4.16

Qualified/Accepted by:

Signature/date:

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Lloyd's Register EMEA

QTR No: QTR **NSL-NORSOK-Qualification test record** 018 NORSOK M-650 Rev No: 2 Manufacturer name: Nautic Steels Ltd Nautic House, Claymore, Tame Valley Ind Est. Tamworth, Staffordshire B77 5DQ Address: Web page: www.nautic.co.uk Reference standard NORSOK M-650 Rev 4 Material designation ASTM A403 UNSS31254 - MDS R13 Rev 5 and MDS No: Manufacturing summary Rev No: NSL-NORSOK-6M-WLD-SE doc No: 2 Products and Welded Cold formed and annealed Stub End Flanges manufacturing Size range 6" to 24" NB & thickness range ≤ 18.75mm process(es): Manufacturing process – cold formed from Plate, welded, cold formed, solution annealed Mandatory conditions Sub-contractors - Southdown Materials Testing and sub-contractors: Other information: All plate & weld consumables from quality approved source Tested and Qualified Thickness and Weight Products and Test record Tested Qualified Test piece Qualified weight manufacturing process No: thickness (mm) thickness (mm) weight (kg) (kg) (es): Butt weld, welded Stub NA Ends cold pressed, U0347-9 15mm 18.75mm NA solution annealed Qualification/Acceptance signatures Prepared by/Date: Checked by/Date: Manufacturer: 26.4.16 Howlands Cooper 25.4.16

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

Signature/date:

REVIEWED Birmingham Office
Lloyd's Register EMEA

Qualified/Accepted by:

Lloyd's Register EMEA

QTR No: **NSL-NORSOK-Qualification test record** 019 NORSOK M-650 Rev No: 2 Nautic Steels Ltd Manufacturer name: Address: Nautic House, Claymore, Tame Valley Ind Est. Tamworth, Staffordshire B77 5DQ Web page: www.nautic.co.uk Reference standard NORSOK M-650 Rev 4 Material designation ASTM A403 UNSS31254 - MDS R13 Rev 5 and MDS No: Manufacturing summary Rev No: NSL-NORSOK-6M-SMLS-CAP doc No: 2 Products and Cold formed seamless and annealed Buttweld End Caps Size range 3/4" to 24" NB & thickness range ≤ 18.75mm manufacturing process(es): Manufacturing process – cold formed from Plate, solution annealed Mandatory conditions Sub-contractors - Southdown Materials Testing and sub-contractors: Other information: Tested and Qualified Thickness and Weight Tested Products and Test record Qualified Test piece Qualified weight manufacturing process No: thickness (mm) thickness (mm) weight (kg) (kg) (es): Butt weld seamless Reducers cold pressed. U0347-5 15mm 18.75mm NA NA solution annealed **Qualification/Acceptance signatures** Prepared by/Date: Checked by/Date: Manufacturer:

S. Coope- 25.4.16 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:	Signature/date:	yeard	
	o .	WITNESSED	
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QTR No: QTR **NSL-NORSOK-Qualification test record** 020 NORSOK M-650 Rev No: 2 Manufacturer name: Nautic Steels Ltd Address: Nautic House, Claymore, Tame Valley Ind Est. Tamworth, Staffordshire B77 5DQ Web page: www.nautic.co.uk Reference standard NORSOK M-650 Rev 4 Material designation ASTM A815 UNSS31803 - MDS D43 Rev 5 and MDS No: Manufacturing summary Rev No: NSL-NORSOK-DU-SMLS-CAP doc No: 2 Products and Cold formed seamless and annealed Buttweld End Caps manufacturing Size range 3/4" to 24" NB & thickness range ≤ 18.75mm process(es): Manufacturing process – cold formed from Plate, solution annealed Mandatory conditions Sub-contractors - Southdown Materials Testing and sub-contractors: Other information: Qualification excludes ASTM G 48 Method A corrosion test **Tested and Qualified Thickness and Weight** Products and Test record Tested Qualified Test piece Qualified weight manufacturing process No: thickness (mm) thickness (mm) weight (kg) (kg) Butt weld seamless Reducers cold pressed. U0306-5 15mm 18.75mm NA NA solution annealed Qualification/Acceptance signatures

Manufacturer: Prepared by/Date: Checked by/Date:

Support 25 4 1 4 1 4 2 4 4 1 6

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

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:

Lloyd's Register EMEA

Signature/date:

WITNESSED

REVIEWED

Birmingham Office
Lloyd's Register EMEA

4/8/16

	NORSOK M-650				021 Rev No: 2
Manufacturer name: Address: Web page:	Nautic Steels Ltd Nautic House, Claymore, Tame Valley Ind Est. Tamworth, Staffordshire B77 5DQ www.nautic.co.uk				
Reference standard	NORSOK M-650 Rev 4				
Material designation and MDS No:	ASTM A815 UNSS32760 - MDS D53 Rev 5				
Manufacturing summary doc No:	NSL-NORSOK-SD-SMLS-CAP				Rev No: 2
Products and manufacturing process(es):	Cold formed seamless and annealed Buttweld End Caps Size range 3/4" to 24" NB & thickness range ≤ 18.75mm Manufacturing process – cold formed from Plate, solution annealed				
Mandatory conditions and sub-contractors:	Sub-contractors – Southdown Materials Testing				
Other information:					
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)
Butt weld seamless Reducers cold pressed, solution annealed	U0340-5	15mm	18.75mm	NA	NA
	Qualificat	tion/Accepta	nce signatur	es	
Manufacturer:	Prepared by/Date: S. Cooper 25.4.16		Checked by/Date:		
The manufacturer and NORS	d this QTR are e	valuated and found upply of the above			quirements of
This acceptance does not	exempt any pui		sponsibility to ensu	ire that this qu	ualification is valid
Qualified/Accepted by: Lloyd's Register EMEA			Signature/date:	WITNESSED REVIEWED RE	