



QTR
Qualification test record
NORSOK M-650

QTR No:
NSL-NORSOK-001

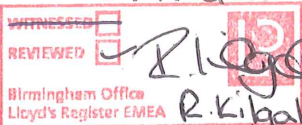
Rev No:
2

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 A403 UNSS31254 - MDS R13 Rev 5	
Manufacturing summary doc No:	NSL-NORSOK-6M-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	

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 Elbows, cold pressed, GTAW welded, solution annealed	U0347-7	12mm	15mm	NA	NA
Butt weld Tees, cold pressed, GTAW welded, solution annealed	U0347-6	15mm	18.75mm	NA	NA
Butt weld Reducers, cold pressed, GTAW welded, solution annealed	U0347-8	12mm	15mm	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: <i>S Cooper 25.4.16</i>	Checked by/Date: <i>R. Kiballon 26.4.16</i>
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: <i>04 AUG 16</i>  <i>R. Kiballon</i>	



**QTR
Qualification test record
NORSOK M-650**

QTR No:
NSL-NORSOK-002

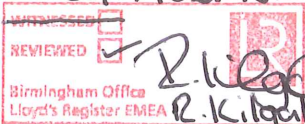
Rev No:
2

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 UNSS31803 - MDS D43 Rev 5	
Manufacturing summary doc No:	NSL-NORSOK-DU-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:	Qualification excludes ASTM G 48 Method A corrosion test All plate & weld consumables from quality approved source	

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 Elbows, cold pressed, GTAW welded, solution annealed	U0306-7	12mm	15mm	NA	NA
Butt weld Tees, cold pressed, GTAW welded, solution annealed	U0306-6	15mm	18.75mm	NA	NA
Butt weld Reducers, cold pressed, GTAW welded, solution annealed	U0306-8	12mm	15mm	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: <i>S. Cooper 25.4.16</i>	Checked by/Date: <i>R. Kilgallon 26/4/16</i>
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: <i>04 AUG 16</i>  <i>R. Kilgallon</i>	



QTR
Qualification test record
NORSOK M-650

QTR No:
NSL-NORSOK-003

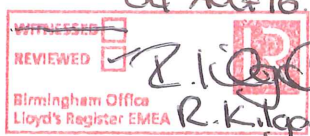
Rev No:
2

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-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	

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 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, cold pressed, GTAW welded, solution annealed	U0340-8	12mm	15mm	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: <i>S. Cooper 25.4.16</i>	Checked by/Date: <i>R. Kilgallon 26.4.16</i>
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: <i>R. Kilgallon</i> 04 AUG 16 	



QTR
Qualification test record
NORSOK M-650

QTR No:
NSL-NORSOK-004

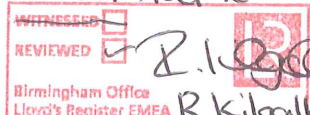
Rev No:
2

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 A403 UNSS31254 - MDS R13 Rev 5	
Manufacturing summary doc No:	NSL-NORSOK-6M-SMLS-ELB	Rev No: 2
Products and manufacturing process(es):	Cold formed seamless and annealed Buttweld long & short radius Elbows, Size range 3/4" to 6" NB & thickness range ≤ 8.89 Manufacturing process – cold formed from Pipe, 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 elbows cold pressed, solution annealed	U0347-1	7.11mm	8.89mm	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: <i>S. Cooper 25.4.16</i>	Checked by/Date: <i>J. Paulson 26.4.16</i>
<p>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</p>		
Qualified/Accepted by: Lloyd's Register EMEA	Signature/date: <i>04 AUG 16</i> 	



QTR
Qualification test record
NORSOK M-650

QTR No:
NSL-NORSOK-005


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 A403 UNSS31254 - MDS R13 Rev 5	
Manufacturing summary doc No:	NSL-NORSOK-6M-SMLS-TEE	Rev No: 2
Products and manufacturing process(es):	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:		

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 Tees cold pressed, solution annealed	U0347-2	7.11mm	8.89mm	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: <i>S. Cooper 25.4.16</i>	Checked by/Date: <i>A. Hammonds 26.4.16</i>
<p>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</p>		
Qualified/Accepted by: Lloyd's Register EMEA	Signature/date: 	



QTR
Qualification test record
NORSOK M-650

QTR No:
NSL-NORSOK-006

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 A403 UNSS31254 - MDS R13 Rev 5	
Manufacturing summary doc No:	NSL-NORSOK-6M-SMLS-RED	Rev No: 2
Products and manufacturing process(es):	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:		

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	U0347-3	7.11mm	8.89mm	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: <i>S. Cooper 25.4.16</i>	Checked by/Date: <i>Sturlands 26.4.16</i>
<p>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</p>		
Qualified/Accepted by: Lloyd's Register EMEA	Signature/date: <i>04 Aug</i> Birmingham Office Lloyd's Register EMEA <i>R. Kigallon</i>	



QTR
Qualification test record
NORSOK M-650

QTR No:
NSL-NORSOK-007

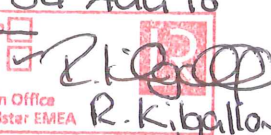
Rev No:
2

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 UNSS31803 - MDS D43 Rev 5	
Manufacturing summary doc No:	NSL-NORSOK-DU-SMLS-ELB	Rev No: 2
Products and manufacturing process(es):	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-contractors – Southdown Materials Testing	
Other information:	Qualification excludes ASTM G 48 Method A corrosion test	

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 elbows cold pressed, solution annealed	U0306-1	7.11	8.89mm	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: <i>S. Coope 25.4.16</i>	Checked by/Date: <i>J. Howlands 26.4.16</i>
<p>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</p>		
Qualified/Accepted by: Lloyd's Register EMEA	Signature/date: <div style="text-align: right;"> 04 AUG 16  Birmingham Office Lloyd's Register EMEA R. Kiballon </div>	



QTR
Qualification test record
NORSOK M-650

QTR No:
NSL-NORSOK-008


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 UNSS31803 - MDS D43 Rev 5	
Manufacturing summary doc No:	NSL-NORSOK-DU-SMLS-RED	Rev No: 2
Products and manufacturing process(es):	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:	Qualification excludes ASTM G 48 Method A corrosion test	

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	U0306-3	7.11mm	8.89mm	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: <i>S. Cooper 25.4.16</i>	Checked by/Date: <i>R. Kilgallon 26.4.16</i>
<p>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</p>		
Qualified/Accepted by: Lloyd's Register EMEA	Signature/date: <p align="right">04 AUG 16</p> 	



QTR
Qualification test record
NORSOK M-650

QTR No:
NSL-NORSOK-009


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 UNSS31803 - MDS D43 Rev 5	
Manufacturing summary doc No:	NSL-NORSOK-DU-SMLS-TEE	Rev No: 2
Products and manufacturing process(es):	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:	Qualification excludes ASTM G 48 Method A corrosion test	

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 Tees cold pressed, solution annealed	U0306-2	7.11mm	8.89mm	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: <i>S. Cooper 25.4.16</i>	Checked by/Date: <i>R. Kibbally 26.4.16</i>
<p>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</p>		
Qualified/Accepted by: Lloyd's Register EMEA	Signature/date: <i>04 AUG</i>  Birmingham Office Lloyd's Register EMEA <i>R. Kibbally</i>	



QTR
Qualification test record
NORSOK M-650

QTR No:
NSL-NORSOK-010

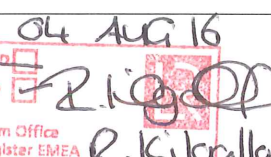
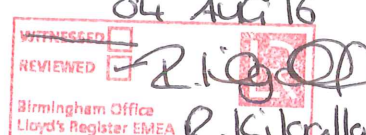
Rev No:
2

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-TEE	Rev No: 2
Products and manufacturing process(es):	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:		

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 Tees cold pressed, solution annealed	U0340-2	7.11	8.89mm	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: <i>S. Cooper 25.4.16</i>	Checked by/Date: <i>R. Kibgalla 26.4.16</i>
<p>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</p>		
Qualified/Accepted by: Lloyd's Register EMEA	Signature/date: <div style="text-align: right;">  04 AUG 16  </div>	



QTR
Qualification test record
NORSOK M-650

QTR No:
NSL-NORSOK-011


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-ELB	Rev No: 2
Products and manufacturing process(es):	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-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 elbows cold pressed, solution annealed	U0340-1	7.11mm	8.89mm	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: <i>S. Cooper 25.4.16</i>	Checked by/Date: <i>R. Rowlands 26.4.16</i>
<p>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</p>		
Qualified/Accepted by: Lloyd's Register EMEA	Signature/date: 	



QTR
Qualification test record
NORSOK M-650

QTR No:
NSL-NORSOK-012

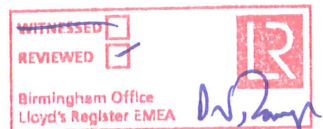
Rev No:
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Manufacturer name: Address: Web page:	Nautic Steels Ltd Nautic House, Claymore, Tame Valley Ind Est. Tamworth, Staffordshire B77 5DQ www.nautic.co.uk	
Reference standard	NORSOK M-650 Rev 4	
Material designation and MDS No:	ASTM A815 UNSS32760 - MDS D53 Rev 5	
Manufacturing summary doc No:	NSL-NORSOK-SD-SMLS-RED	Rev No: 2
Products and manufacturing process(es):	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:		

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	U0340-3	7.11mm	8.89mm	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: <i>S. Cooper 25.4.16</i>	Checked by/Date: <i>Howlands 26.4.16</i>
<p>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</p>		
Qualified/Accepted by: Lloyd's Register EMEA	Signature/date: 	

4/8/16



QTR
Qualification test record
NORSOK M-650

QTR No:
NSL-NORSOK-013

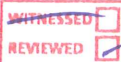


Rev No:
2

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-SE	Rev No: 2
Products and manufacturing process(es):	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:		

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 Stub Ends cold pressed, solution annealed	U0340-4	11mm	13.75mm	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: <i>S. Cooper 25.4.16</i>	Checked by/Date: <i>J. Rowlands 26.4.16</i>
<p>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</p>		
Qualified/Accepted by: Lloyd's Register EMEA	Signature/date:   	

4/8/16



QTR
Qualification test record
NORSOK M-650

QTR No:
NSL-NORSOK-014


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 UNSS31803 - MDS D43 Rev 5	
Manufacturing summary doc No:	NSL-NORSOK-DU-SMLS-SE	Rev No: 2
Products and manufacturing process(es):	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:	Qualification excludes ASTM G 48 Method A corrosion test	

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 Stub Ends cold pressed, solution annealed	U0306-4	11mm	13.75mm	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: <i>S. Cooper 25.4.16</i>	Checked by/Date: <i>Paulands 26.4.16</i>
<p>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</p>		
Qualified/Accepted by: Lloyd's Register EMEA	Signature/date: 	



QTR
Qualification test record
NORSOK M-650

QTR No:
NSL-NORSOK-015


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 A403 UNSS31254 - MDS R13 Rev 5	
Manufacturing summary doc No:	NSL-NORSOK-6M-SMLS-SE	Rev No: 2
Products and manufacturing process(es):	Cold formed seamless and annealed Stub End Flanges 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:		

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 Stub Ends cold pressed, solution annealed	U0347-4	7.11mm	8.89mm	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: <i>S Cooper 25.4.16</i>	Checked by/Date: <i>Hawlands 26.4.16</i>
<p>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</p>		
Qualified/Accepted by: Lloyd's Register EMEA	Signature/date:  <i>D. J. [Signature]</i> 4/8/16	



QTR
Qualification test record
NORSOK M-650

QTR No:
NSL-NORSOK-016


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-WLD-SE	Rev No: 2
Products and manufacturing process(es):	Welded Cold formed and annealed Stub End Flanges Size range 6" to 24" NB & thickness range ≤ 18.75mm Manufacturing process – cold formed from Plate, welded, cold formed, solution annealed	
Mandatory conditions and sub-contractors:	Sub-contractors – Southdown Materials Testing	
Other information:	All plate & weld consumables from quality approved source	

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, welded Stub Ends cold pressed, solution annealed	U0340-9	15mm	18.75mm	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: <i>S. Cooper 25.4.16</i>	Checked by/Date: <i>R. Howlands 26.4.16</i>
<p>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</p>		
Qualified/Accepted by: Lloyd's Register EMEA	Signature/date: 	

4/8/16



QTR
Qualification test record
NORSOK M-650

QTR No:
NSL-NORSOK-017


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 UNSS31803 - MDS D43 Rev 5	
Manufacturing summary doc No:	NSL-NORSOK-DU-WLD-SE	Rev No: 2
Products and manufacturing process(es):	Welded Cold formed and annealed Stub End Flanges Size range 6" to 24" NB & thickness range 18.75mm Manufacturing process – cold formed from Plate, welded, cold formed, solution annealed	
Mandatory conditions and sub-contractors:	Sub-contractors – Southdown Materials Testing	
Other information:	Qualification excludes ASTM G 48 Method A corrosion test	

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, welded Stub Ends cold pressed, solution annealed	U0306-9	15mm	18.75mm	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: <i>S. Cooper 25.4.16</i>	Checked by/Date: <i>Skarwands 26.4.16</i>
<p>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</p>		
Qualified/Accepted by: Lloyd's Register EMEA	Signature/date: 	



QTR
Qualification test record
NORSOK M-650

QTR No:
NSL-NORSOK-018


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 A403 UNSS31254 - MDS R13 Rev 5	
Manufacturing summary doc No:	NSL-NORSOK-6M-WLD-SE	Rev No: 2
Products and manufacturing process(es):	Welded Cold formed and annealed Stub End Flanges Size range 6" to 24" NB & thickness range ≤ 18.75mm Manufacturing process – cold formed from Plate, welded, cold formed, solution annealed	
Mandatory conditions and sub-contractors:	Sub-contractors – Southdown Materials Testing	
Other information:	All plate & weld consumables from quality approved source	

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, welded Stub Ends cold pressed, solution annealed	U0347-9	15mm	18.75mm	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: <i>S Cooper 25.4.16</i>	Checked by/Date: <i>J Howlands 26.4.16</i>
<p>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</p>		
Qualified/Accepted by: Lloyd's Register EMEA	Signature/date:  <i>D. J. [Signature]</i>	

4/8/16



QTR
Qualification test record
NORSOK M-650

QTR No:
NSL-NORSOK-019


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 A403 UNSS31254 - MDS R13 Rev 5	
Manufacturing summary doc No:	NSL-NORSOK-6M-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	U0347-5	15mm	18.75mm	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: <i>S. Cooper 25.4.16</i>	Checked by/Date: <i>Staulands 26.4.16</i>
<p>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</p>		
Qualified/Accepted by: Lloyd's Register EMEA	Signature/date: 	

4/8/16



QTR
Qualification test record
NORSOK M-650

QTR No:
NSL-NORSOK-020


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 UNSS31803 - MDS D43 Rev 5	
Manufacturing summary doc No:	NSL-NORSOK-DU-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:	Qualification excludes ASTM G 48 Method A corrosion test	

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	U0306-5	15mm	18.75mm	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: <i>S. Cooper 25.4.16</i>	Checked by/Date: <i>Paulands 26.4.16</i>
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:  <i>Paulands</i> 4/8/16	



QTR
Qualification test record
NORSOK M-650

QTR No:
NSL-NORSOK-021

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 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

Qualification/Acceptance signatures

Manufacturer: Prepared by/Date: *S. Cooper 25.4.16* Checked by/Date: *J. Buntlands 26.4.16*

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:



26/4/16