ливо скар	QTR Qualification Test Record NORSOK M-650	QTR. No.: 6MO/2016 Rev. No.:1		
Manufacturer name/address/ Web page:	ALLIED INTERNATIONAL Group Srl Loc. Vascellino, 29010 – Nibbiano Val Tidone (PC), Italy www.alliedfittings.com Plants: Tectubi Raccordi Via Roma, 150, Podenzano (PC) Tectubi Raccordi Via Galileo Galilei, Castel S.Giovanni(PC, Tectubi Raccordi Via Ancona, 27Calendasco (PC) Raccordi Forgiati Loc. La Casetta, Nibbiano (PC)) TECTUAI RACCORDI		
Reference standard	NORSOK M-650 Ed.4			
Material designation and MDS No.:	WROUGHT FITTINGS TO ASTM A403 UNS S31254 MDS R13 Rev.5	(SEAM. & WLD) –		
Manufacturing summary doc. No.:	MS013_ RACCORDI FORGIATI SRL NIBBIANO MS014_TECTUBI RACCORDI SpA PODENZANO MS015_TECTUBI RACCORDI SpA C.S.GIOVANNI MS016_TECTUBI RACCORDI SpA CALENDASCO	Rev. No.: 1		
Products and manufacturing process:	Manufacturing routes 013A up to 013F (Raccordi Forgiati): Seamless hot formed tees, reducers, elbows, caps; welded hot formed tees, reducers, elbows. Manufacturing routes 014A up to 014L(Tectubi Raccordi Podenzano): Seamless hot formed tees, reducers, elbows, caps; welded hot formed tees, reducers, elbows, elbows in two halves; seamless cold formed tees, welded cold formed tees. Manufacturing routes 015A up to 015H(Tectubi Raccordi Castel S.Giovanni): Seamless hot formed tees, reducers, elbows, caps; welded hot formed tees, reducers, elbows, elbows in two halves			
	Manufacturing routes 016A up to 016B (Tectubi Raccordi Calendasco): Seamless and welded cold formed elbows			
Mandatory conditions and sub- contractors:	Welding carried out by: Podenzano Plant Heat Treatment Procedure: PR048 External laboratory: SIDERTEST (C.S.Giovanni), maybe u	used for NDE.		
Other information:	Qualification extension: the qualification of welded tees quapieces (elbows, caps, reducers) in seamless execution as a Qualifying Company (SFF). Heat treatment verification performed by GL (Germanischer of SFF; see inspection report No 01 Rev.1	approved by the		

Qualification expires:	10.10.8	2021	,		
	Tested and	Qualified Th	ickness and	d Weight	
Products and manufacturing process:	Test record No.	Tested thickness (mm)	Qualified thickness (mm)	Plant	Raw material supplier
B.W. Welded Tees 16" x 8" wth. 32/ 20 From Plates (Hot forming method)	CERT.16-00076	32 mm	up to 40 mm	Raccordi Forgiati (Nibbiano)	Bohler
B.W. Welded Tees 16" x 8" wth. 32/ 20 From Plates (Hot forming method)	CERT.16-00077	32 mm	up to 40 mm	Tectubi Raccordi C.S.Giovanni	Bohler
B.W. Welded Tees 16" x 8" wth. 32/ 20 From Plates (Hot forming method)	CERT.16-00078	32 mm	up to 40 mm	Tectubi Raccordi Podenzano	Bohler
Welded elbow LR 45° 16" wth.13mm	CERT.16-00079	13 mm	up to 16,25 mm	Tectubi Raccordi Calendasco	Bohler
	Qualifica	ation/Accept	ance signat	ures &	ecul
Manufacturer:	Prepared by/Date: P.Aradelli Checked by/Date: L.Zacconi etta Zacconi 10/10/2016 Checked by/Date: L.Zacconi etta Zacconi et		el 2 PT-MT-UT-VT		
No This acceptance does	r and this QTR are ORSOK M-650 for s not exempt any pu for his products wi	supply of the abou urchaser from his i	ve listed products responsibility to e	iance with the requ and materials. nsure that this qua	urements of VT
				07.11.2016	

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REV.1: typing mistake amended in tested and qualified thickness section; modified "other information" paragraph.

ALLED GOOP	QTR Qualification Test Record	QTR. No.: 803/2016		
	NORSOK M-650	Rev. No., 1		
Manufacturer name/address/ Web page:	ALLIED INTERNATIONAL Group Srl Loc. Vascellino, 29010 – Nibbiano Val Tidone (PC), Italy www.alliedfittings.com Plants:			
	Tectubi Raccordi Via Roma, 150, Podenzano (PC) TECTUBI NACCORDI			
	Tectubi Raccordi Via Galileo Galilei, Castel S.Giovanni(PC)			
	Tectubi Raccordi Via Ancona, 27Calendasco (PC)			
	Raccordi Forgiati Loc. La Casetta , Nibbiano (PC)			
Reference standard	NORSOK M-650 Ed.4			
Material designation and MDS No.:	WROUGHT FITTINGS TO ASTM A815 UNS S31803 MDS D43 Rev.5	(SEAM. & WLD) –		
Manufacturing summary doc. No.:	MS001 _ RACCORDI FORGIATI SRL NIBBIANO MS002_TECTUBI RACCORDI SpA PODENZANO MS003_TECTUBI RACCORDI SpA C.S.GIOVANNI MS004_TECTUBI RACCORDI SpA CALENDASCO	Rev. No.: 1		
Products and manufacturing process:	Manufacturing routes 001A up to 001G (Raccordi Forgiati): formed tees, reducers, elbows, caps; welded hot formed tee elbows.			
	Manufacturing routes 002A up to 002L(Tectubi Raccordi Po Seamless hot formed tees, reducers, elbows, caps; welded reducers, elbows, elbows in two halves; seamless cold form cold formed tees.	hot formed tees,		
	Manufacturing routes 003A up to 003H(Tectubi Raccordi Ca Seamless hot formed tees, reducers, elbows, caps; welded reducers, elbows, elbows in two halves			
	Manufacturing routes 004A up to 004B (Tectubi Raccordi Ca Seamless and welded cold formed elbows	alendasco) <u>:</u>		
Mandatory conditions and sub- contractors:	Welding carried out by: Podenzano Plant Heat Treatment Procedure: PR048 External laboratory: SIDERTEST (C.S.Giovanni), maybe us	sed for NDE.		
Other information:	Qualification extension: the qualification of welded tees qual pieces (elbows, caps, reducers) in seamless execution as a Qualifying Company (SFF). Heat treatment verification performed by GL (Germanischer of SFF; see inspection report No 01 Rev.1	pproved by the		

Qualification 10.10.2021 expires: **Tested and Qualified Thickness and Weight** Products and Test record No. Tested Qualified Plant Raw material manufacturing thickness thickness supplier process: (mm) (mm) B.W. Welded Tees 16" x 8" wth. 48/ 48 From CERT.16-00068 48 mm up to 60 mm Raccordi Forgiati Arcelor Mittal **Plates** (Hot (Nibbiano) forming method) B.W. Welded Tees 16" x 8" wth. 48/ 48 From CERT.16-00069 48 mm Tectubi Raccordi up to 60 mm Arcelor Mittal **Plates** (Hot C.S.Giovanni forming method) B.W. Welded Tees 16" x 8" wth. 48/ 48 From CERT.16-00070 48 mm up to 60 mm Tectubi Raccordi **Arcelor Mittal Plates** (Hot Podenzano forming method) Welded elbow LR 45° 16" wth.20mm CERT.16-00071 20 mm up to 25 mm Tectubi Raccordi Outukumpu Calendasco Qualification/Acceptance signatures Prepared by/Date: P.Aradelli Manufacturer: Checked by/Date: L.Zacconi 2000 10/10/2016 Zacconi 10/10/2016 The manufacturer and this QTR are evaluated and found to be in compliance with the requirements of GER NORSOK M-650 for supply of the above listed products and materials evel 2 PT-MT-UT-VT 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: 07.11.2016

REV.1: typing mistake amended in tested and qualified thickness section; modified "other information" paragraph.



ALED GOD	QTR Qualification Test Record NORSOK M-650	QTR. No.: 750/2016 Rev. No.: 1	
Manufacturer name/address/ Web page:	ALLIED INTERNATIONAL Group Srl Loc. Vascellino, 29010 – Nibbiano Val Tidone (PC), Italy www.alliedfittings.com Plants: Tectubi Raccordi Via Roma, 150, Podenzano (PC) Tectubi Raccordi Via Galileo Galilei, Castel S.Giovanni(PC Tectubi Raccordi Via Ancona, 27Calendasco (PC) Raccordi Forgiati Loc. La Casetta, Nibbiano (PC)	TECTUBI RACCORDI BIT WILDING ATTHEE CCORDI	
Reference standard	NORSOK M-650 Ed.4		
Material designation and MDS No.:	WROUGHT FITTINGS TO ASTM 815 UNS S32750 (S MDS D53 Rev.5	SEAM. & WLD) –	
Manufacturing summary doc. No.:	MS005_ RACCORDI FORGIATI SRL NIBBIANO MS006_TECTUBI RACCORDI SpA PODENZANO MS007_TECTUBI RACCORDI SpA C.S.GIOVANNI MS008_TECTUBI RACCORDI SpA CALENDASCO	Rev. No.: 1	
Products and manufacturing process:	Manufacturing routes 005A up to 005G (Raccordi Forgiati): formed tees, reducers, elbows, caps; welded hot formed tee elbows. Manufacturing routes 006A up to 006L(Tectubi Raccordi Possamless hot formed tees, reducers, elbows, caps; welded reducers, elbows, elbows in two halves; seamless cold form cold formed tees. Manufacturing routes 007A up to 007H(Tectubi Raccordi Cossamless hot formed tees, reducers, elbows, caps; welded reducers, elbows, elbows in two halves Manufacturing routes 008A up to 008B (Tectubi Raccordi Cossamless and welded cold formed elbows	es, reducers, odenzano): I hot formed tees, ned tees, welded astel S.Giovanni): I hot formed tees,	
Mandatory conditions and sub- contractors:	Welding carried out by: Podenzano Plant Heat Treatment Procedure: PR048 External laboratory: SIDERTEST (C.S.Giovanni), maybe used for NDE.		
Other information:	Qualification extension: the qualification of welded tees quapieces (elbows, caps, reducers) in seamless execution as a Qualifying Company (SFF). Heat treatment verification performed by GL (Germanischer of SFF; see inspection report No 01 Rev.1	pproved by the	

Qualification expires:	10.10.3	2021	¥		
	Tested and	Qualified Th	nickness and	d Weight	
Products and manufacturing process:	Test record No.	Tested thickness (mm)	Qualified thickness (mm)	Plant	Raw material supplier
B.W. Welded Tees 16" x 8" wth. 32/ 20 From Plates (Hot forming method)	CERT.16-00072	32 mm	up to 40 mm	Raccordi Forgiati (Nibbiano)	Yakin
B.W. Welded Tees 16" x 8" wth. 32/ 20 From Plates (Hot forming method)	CERT.16-00073	32 mm	up to 40 mm	Tectubi Raccordi C.S.Giovanni	Yakin
B.W. Welded Tees 16" x 8" wth. 32/ 20 From Plates (Hot forming method)	CERT.16-00074	32 mm	up to 40 mm	Tectubi Raccordi Podenzano	Yakin
Welded elbow LR 45° 16" wth.22mm	CERT.16-00072	22 mm	up to 27,5 mm	Tectubi Raccordi Calendasco	Arcelo Mittal
	Qualifica	tion/Accept	ance signat	ures	
Manufacturer:	Prepared by/Date	_	Checked by/Date: L.Zacconi		ul
The manufacture N This acceptance does	r and this QTR are CORSOK M-650 for some some pure for his products with the control of the cont	evaluated and fou supply of the abov Irchaser from his	ind to be in comply ve listed products responsibility to e	and mətənələ _{rəl 2} Bsure that this qua	irements of MANAGER ification is valid
Qualified/Accepte			Signature/Date:		07.11.2016
			Jarle Pe	lustad	7
SCAN	DINAVIAN FITTINGS & FLANGES	SAS	V		

 $\it REV.1$: typing mistake amended in tested and qualified thickness section; modified "other information" paragraph.

Inspector no. 32-227
Date 17 OCT 2016
Page no. 2

Signature

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ALED GOOD	QTR Qualification Test Record NORSOK M-650	QTR. No.: 760/2016 Rev. No.: 1		
Manufacturer name/address/ Web page:	ALLIED INTERNATIONAL Group Srl Loc. Vascellino, 29010 – Nibbiano Val Tidone (PC), Italy www.alliedfittings.com Plants:			
	Tectubi Raccordi Via Roma, 150, Podenzano (PC) Tectubi Raccordi			
	Tectubi Raccordi Via Galileo Galilei, Castel S.Giovanni(PC)			
	Tectubi Raccordi Via Ancona, 27Calendasco (PC) Raccordi Forgiati Loc. La Casetta, Nibbiano (PC)	_		
Reference standard	NORSOK M-650 Ed.4			
Material designation and MDS No.:	WROUGHT FITTINGS TO ASTM 815 UNS S32760 (S MDS D53 Rev.5	,		
Manufacturing summary doc. No.:	MS009 _ RACCORDI FORGIATI SRL NIBBIANO MS010_TECTUBI RACCORDI SpA PODENZANO MS011_TECTUBI RACCORDI SpA C.S.GIOVANNI MS012_TECTUBI RACCORDI SpA CALENDASCO	Rev. No.: 1		
Products and manufacturing process:	Manufacturing routes 009A up to 009F (Raccordi Forgiati): formed tees, reducers, elbows, caps;	Seamless hot		
	Manufacturing routes 010A up to 010L(Tectubi Raccordi Podenzano): Seamless hot formed tees, reducers, elbows, caps; welded hot formed tees, reducers, elbows, elbows in two halves; seamless cold formed tees, welded cold formed tees.			
	Manufacturing routes 011A up to 011H(Tectubi Raccordi Castel S.Giovanni): Seamless hot formed tees, reducers, elbows, caps; welded hot formed tees, reducers, elbows, elbows in two halves			
	alendasco):			
Mandatory conditions and sub- contractors:	Welding carried out by: Podenzano Plant Heat Treatment Procedure: PR048 External laboratory: SIDERTEST (C.S.Giovanni), maybe used for NDE.			
Other information:	Qualification extension: the qualification of welded tees qualifices (elbows, caps, reducers) in seamless execution as a Qualifying Company (SFF). Heat treatment verification performed by GL (Germanischer of SFF; see inspection report No 01 Rev.1	pproved by the		

Qualification 10.10.2021 expires: Tested and Qualified Thickness and Weight Products and Test record No. Tested Qualified Plant Raw material manufacturing thickness thickness supplier process: (mm) (mm) Seamless Tees 12" x 10" wth. 32/ 20 From CERT.16-00080 32 mm up to 40 mm Raccordi Forgiati Forge forged bar (Hot (Nibbiano) Fedriga/Cogne forming method) B.W. Welded Tees 16" x 8" wth. 32/ 20 From CERT.16-00081 32 mm up to 40 mm Tectubi Raccordi ArcelorMittal **Plates** (Hot C.S.Giovanni forming method) B.W. Welded Tees 16" x 8" wth. 32/ 20 From CERT.16-00081 32 mm up to 40 mm Tectubi Raccordi ArcelorMittal **Plates** (Hot Podenzano forming method) Welded elbow LR 45° 16" wth.20mm CERT.16-00084 20 mm up to 25 mm Tectubi Raccordi Outukumpu Calendasco Seamless elbow LR 45° 10" wth.20mm CERT.16-00083 20 mm Tectubi Raccordi up to 25 mm Forge Calendasco Fedriga/Aso Qualification/Acceptance signatures Checked by Date at Zarentorgiati QA MANAGER Prepared by/Date: P.Aradelli Manufacturer: N ISO 9712 Level 2 PT-MT-UT-VT S10/10/2016vel II PT-MT-UT-VT 0110/2016 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:

REV.1: typing mistake amended in tested and qualified thickness section; modified "other information" paragraph.

Inspector no. 32-227

Date 17 OCT 2016
Page no.

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