	Qualification Test Record NORSOK M-650				Doc N.QTR-001			
VIRGILIO CENA & Figli S.p.A					Rev. No.:0 Page 1 di 1			
	VIRGILIO CENA & Figli S.p.A Via G. Oberdan, 39 25128 Brescia (ITALY) www.virgiliocena.it							
Reference standard	NORSOK M-650, Edition 4							
Material designation and MDS No.:	ASTM A815 Butt welded fittings UNS S32205 /S31803 NORSOK M-650 Ed.4, NORSOK M-630:2020, MDS D43 Re.6 / MDS DH43 Rev.1 ISO 17782							
Manufacturing Summary doc. No.:	Manufacturing Sui Manufacturing Sui		Rev. No 0 0					
Products and manufacturing process(es):	 Welded fittings ROUTE 1 – Welded pipe ASTM A 815 S32205 / S31803 WX MDS D43 Rev.6 / DH43 Rev.1 Hot formed Size up to 36" ELBOW; Size up to 48" TEE, REDUCERS Seamless fittings ROUTE 2 -Steel plate ASTM A 815 S32205 / S31803 S MDS D43 Rev.6 DH43 Rev.1 Hot formed Size up to 48" Cap 							
Mandatory conditions and sub- contractors:	 Rolled plate and longitudinal welding operation by IN_PIPE s.r.l All forming and heat treatment operations are in house Furnace GADDA n. 1321 to be used route 1 and 2. Sub-contractor Laboratory testing: ISO 17025 laboratory L.P.M Sub-contractor NDE testing: EMILTEST 							
Other information:	Shot blasting in C Pickling in BAMA Route 2 Qualificat	ivardi s.r.l ion testing carried o	ud on seamless fittin	ngs				
Qualification expires:								
	ested and qualif	ied thickness and v	veight					
Products and manufacturing process(es):	Test record No.	Tested thickness mm	Qualified thickness mm	Test piece weight kg	e Qualified weight kg			
		ROUTE 1 Welded I	ll Pipe					
Elbow 14" – 01	24-DU002-0	40	50	N/A	N/A			
Tee 16"x16" - 01	24-DU004-0	50	60	N/A	N/A			
Reducer 16"x12"- 01	24-DU003-0	40	50	N/A	N/A			
0 101 00		ROUTE 2 Seamless	Pipe 50	N/A	N/A			
Cap 12" – 02	24_DU001-0	40	50	IN/A	IN/A			
	Qualification	/acceptance signat	ures					
Manufacturer: VIRGILIO CENA & Figli S.p.A	Prepared by/Date: (17/06/24) Giovanni Ruzzenenti VROBLO CENA E PIGLI S.P.A. 261 SBRETOLI S.P.A. 262 SBRETOLI S.P.A. 263 SBRETOLI S.P.A. 263 SBRETOLI S.P.A. 264 SBRETOLI S.P.A. 264 SBRETOLI S.P.A. 265 SBRETO		Checked by/Date:(17/0624) Fabrizio Bentoglio VRGUO CEMAS PIGLIAPA. CHI PIPA COMMUNICATION					
The manufacturer an	M-650 for su es not exempt any	aluated and found to oply of the above liste opurchaser from his a within the essential o	ed products and mat responsibility to ensu variables of NORSO	terials. ure that this qu K M-650.	ualification is valid			
Qualified/Accepted by (company name /address):			Signature/Pate:/erificationLimited IRG1 Milan Office 19/09/2024					

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	Qualification Test Record NORSOK M-650				Doc n.QTR-002			
VIRGILIO CENA & Figli S.p.A			Rev. No.:0 Page 1 di 1					
Manufacturer			Oberdan, 39 25128 E	rescia (ITAL)	()			
name/address/ Web page:	www.virgiliocena.it							
Reference standard	NORSOK M-650, Edition 4							
Material designation		welded fittings UNS						
and MDS No.:	NORSOK M-650 Ed.4, NORSOK M-630:2020, MDS D53 Re.6 / MDS DH53 Rev.1 ISO 17782							
Manufacturing	Manufacturing Summary Route 3: MS-003 welded pipe				Rev. No			
Summary doc. No.:	Manufacturing Sun		0					
Products and	- Welded fitting	gs ROUTE 3 – Weld	led pipe ASTM A 81	5 S32750 WX	MDS D53 Rev.6 / DH			
nanufacturing	Rev.1 Hot formed Size up to 36" ELBOW; Size up to 48" TEE, REDUCERS							
process(es):	- Seamless fittings ROUTE 4 -Steel plate ASTM A 815 S32750 S MDS D53 Rev.6 / DH53 Rev.1 Hot formed Size up to 48" Cap							
		•						
Mandatan, conditions	Polled plate	and langitudinal wal	ding operation by IN	DIDEcri				
Mandatory conditions and sub-contractors:	 Rolled plate and longitudinal welding operation by IN_PIPE s.r.l All forming and heat treatment operations are in house 							
und sub sommusionen	- Furnace GADDA n. 1321 to be used route 1 and 2.							
	- Sub-contractor Laboratory testing: ISO 17025 laboratory L.P.M							
	- Sub-contractor NDE testing: EMILTEST							
Other information:	Shot blasting in Ci	vardi s.r.l						
	Pickling in BAMA Route 2 Qualification testing carried oud on seamless fittings							
	Route 2 Qualificati	on testing carried or	ud on seamless fitting	gs				
Qualification expires:								
	Tested and qualifi	ed thickness and v	veight					
Products and manufacturing process(es):	Test record No.	Tested thickness mm	Qualified thickness mm	Test piece weight kg	e Qualified weight kg			
		ROUTE 3 Welded I	Pipe					
Elbow 14" – 03	24-SD002-0	35	40	N/A	N/A			
Tee 16"x16" - 03	24-SD004-0	35	40	N/A	N/A			
Reducer 16"x12"- 03		35	40	N/A	N/A			
		ROUTE 4 Seamless			1 1/4			
Cap 12" – 04	24-SD001-0	35	40	N/A	N/A			
	Qualification	acceptance signat	ures					
	Prepared by/Da	te: (17/06/24)	Checked by/Date:					
Manufacturer:	Giovanni Ruzzenenti		Fabrizio Bentoglio)	VIRGILIO CENA E FIGLI S.P.A. Via Oberdan, 39 25128 BRESCIA			
VIRGILIO CENA & Figli	Giovanni Ruzze	VIRGILIO CENA E FIGLI S.P.A.	, aznzie zentegii					
	Giovanni Ruzze	VIRGILIO CENA E FIGLI S.P.A. Via Oberdan, 39 25128 BRESCIA C.F. e P.IVA 0029660178	, u210 _ 0.110g		25128 BRESCIA C.F.e PIVA 00296560178			
/IRGILIO CENA & Figli	Giovanni Ruzze	WRGILIO CENA E RIGILI S.P.A. Violentan, 39 25128 BRESCIA C.F. o PIVA 00296660178 Q.A.M.	, uz., z.o z o og	4	25128 BRESCIA C.F.e PIVA 00296660178			
VIRGILIO CENA & Figli S.p.A	nd this QTR are eva	WROLD CENT FIGURES. P.A. VA COMMENT. SO C.F. & P.P.A. COMMONDER. SO C.F. & P.P.A. COMM	be in compliance wit		C.F.e P.IVA 00296660178			
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VIRGILIO CENA & Figli S.p.A The manufacturer a	nd this QTR are eva M-650 for sup oes not exempt any	J. Account to oppy of the above liste purchaser from his in	be in compliance wit	erials. re that this qu	ments of NORSOK			