	Qualificati	on Test R	ecord (QT	R)	QTR.	No.:1
< COPLE>	NORSOK			,	Rev	No.: 3
Manufacturer name/address/ Web page:	COGNE ACCIAL Via Paravera, 16 www.cogne.com		Italy		1.007.1	
Reference standard	NORSOK M-650,	Edition 4				
Material designation and MDS No.:		ASTM A479 - UNS S31803 - UNS S32205 NORSOK M-630, Ed. 7, MDS D47 rev. 6				
Manufacturing summary doc. No.:	PQ_X_NORSOK_	_Ed.12 (Ref. MS(01)		Rev. N 0	No.
Products and manufacturing process(es):	Bars for machining of components without welding ends Machined round bars up to 101.6mm or black bars up to 105mm. Square bloom continuous casting + Hot rolling + Solution Annealing					
Mandatory conditions and sub-contractors:	Heat treatment performed on Gadda F1 and Gadda F2 furnaces					
Other information:	All tests performed at in-house labs.					
Qualification expires:	09/2029					
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)
Hot rolled, solution annealed and machined round bars	2019051811	105 mm	105 mm	412		All
Qualification/Ad	cceptance sig	gnatures				
Manufacturer:	Prepared by/Date	:	Checked by/Dat	e:		
	E. Balducci Laboratory Manag 19/09/2024		D. Olivero Quality & Research Director 19/09/2024			
The manufacturer and this Edition 4 for supply of the This acceptance does not products within the essen	above listed products exempt any purchas	s and materials. er from his respon	sibility to ensure tha			
Qualified/Accepted by (company name/address):			Signature/Date:			
Qualified/Accepted by (company name/address): DNV Materials Advisory - Energy Systems Veritasveien 1 1363 Høvik Norway				F	redrik ate: 20	y signed by Rosenqvist 024.12.17 5 +01'00'

COGNE	Qualificati		ecord(QT	R)	QTR	2. No.:2
VUI	NORSOK I	M-650			Rev.	No.: 3
Manufacturer name/address/ Web page:	COGNE ACCIAI S Via Paravera, 16 www.cogne.com	,				
Reference standard	NORSOK M-650,	Edition 4				
Material designation and MDS No.:		ASTM A479 - UNS S32760 NORSOK M-630, Ed. 7, MDS D57 rev. 6				
Manufacturing summary doc. No.:	PQ_x_NORSOK_	PQ_x_NORSOK_Ed.12 (Ref. MS05)				No.
Products and manufacturing process(es):	Machined round bars up to 101.6mm or black bars up to 105mm. Square bloom continuous casting/ingot casting + Hot rolling + Solution Annealing					n Annealing
Mandatory conditions and sub-contractors:	Heat treatment pe	erformed on Gad	da F1 and Gadda	F2 furnaces	6	
Other information:	All tests performed at in-house labs.					
Qualification expires:	09/2029					
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)
Hot rolled, solution annealed and machined round bars from CC bloom.	2019051780	105 mm	105 mm	422		All
Hot rolled, solution annealed and machined round bars from ingot.	2019051814	105 mm	105 mm	415		All
Qualification/Ac	cceptance sig	gnatures				
Manufacturer:	Prepared by/Date	:	Checked by/Dat	e:		
	E. Balducci Laboratory Manag 19/09/2024		D. Olivero Quality & Research Director 19/09/2024			
The manufacturer and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 Edition 4 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 Edition 4.						
			Signature/Date:			
Qualified/Accepted by (company name/address): DNV Materials Advisory - Energy Systems Veritasveien 1 1363 Høvik Norway			C	Fr	edrik I ate: 20	v signed by Rosenqvist)24.12.17) +01'00'

COLNE	Qualificati	on Test R	ecord (QT	R)	QTR. No.:3		
COOILE	NORSOK	M-650		-	Rev. No.: 3		
Manufacturer name/address/ Web page:		COGNE ACCIAI SPECIALI S.p.a. Via Paravera, 16 – 11100 AOSTA Italy www.cogne.com					
Reference standard	NORSOK M-650,	NORSOK M-650, Edition 4					
Material designation and MDS No.:		ASTM A479 - UNS S32750 NORSOK M-630, Ed. 7, MDS D57 rev. 6					
Manufacturing summary doc. No.:	PQ_X_NORSOK_	_Ed.12 (Ref.MS0)8)		Rev. No. 0		
Products and manufacturing process(es):		Machined round bars up to 101.6mm or black bars up to 105mm. Ingot casting + Hot rolling + Solution Annealing					
Mandatory conditions and sub-contractors:	Heat treatment performed on Gadda F1 and Gadda F2 furnaces						
Other information:	All tests performed at in-house labs.						
Qualification expires:	09/2029						
Tested and Qualified Thickness and Weight							
Products and manufacturing process(es):	Test record No.	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualii (kg)	fied weight	
Hot rolled, solution annealed and	2019051812	105 mm	105 mm	451	All		
machined round bars	2019051813	105 mm	105 mm	410	All		
Qualification/A	cceptance sig	gnatures					
Manufacturer:	Prepared by/Date	:	Checked by/Dat	e:			
	E. Balducci Laboratory Manager 19/09/2024		D. Olivero Quality & Research Director 19/09/2024			Ch	
The manufactureQTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 Edition 4 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 Edition 4.							
Qualified/Accepte	d by (company na	me/address):	Signature/Date:				
DNV				Di	gitally sign	ed by	
	ory - Energy Sy	stems			edrik Roser		
Veritasveien 1 1363 Høvik					te: 2024.12	2.17	
Norway				17	:19:48 +01'	00'	

COGNE			ecord(QT	R)	QTR.	No.:4
	NORSOK I	M-650			Rev. I	No.: 3
Manufacturer name/address/ Web page:	COGNE ACCIAI Via Paravera, 16 www.cogne.com	,	Italy			
Reference standard	NORSOK M-650,	Edition 4				
Material designation and MDS No.:		ASTM A479 - UNS S31254 NORSOK M-630, Ed. 7, MDS R17 rev. 6				
Manufacturing summary doc. No.:	PQ_x_NORSOK_	PQ_x_NORSOK_Ed.12 (Ref. MS11)				
Products and manufacturing process(es):	Machined round bars up to 101.6mm or black bars up to 105mm. Ingot casting + Hot rolling + Solution Annealing					
Mandatory conditions and sub-contractors:	Heat treatment performed on Gadda F1 and Gadda F2 furnaces					
Other information:	All tests performed at in-house labs.					
Qualification expires:	09/2029					
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)
Hot rolled, solution annealed and machined round bars	2019051955	105 mm	105 mm	448		All
Qualification/Ad	cceptance sig	gnatures		÷		
Manufacturer:	Prepared by/Date	:	Checked by/Dat	e:		
	E. Balducci Laboratory Mana 19/09/2024	jer	D. Olivero Quality & Research Director 19/09/2024			
The manufacturer and this Edition 4 for supply of the This acceptance does not products within the essen	above listed products exempt any purchas	s and materials. er from his respon	sibility to ensure tha	·		
Qualified/Accepte	d by (company na	me/address):	Signature/Date:			
Qualified/Accepted by (company name/address): DNV Materials Advisory - Energy Systems Veritasveien 1 1363 Høvik Norway					redrik l ate: 20	v signed by Rosenqvist 024.12.17 5 +01'00'

COGNE	Qualificati NORSOK I		Record(Q1	N)	QTR. No.:5			
Manufacturer name/address/ Web page:	COGNE ACCIAI Via Paravera, 16 www.cogne.com	SPECIALI S.p.			Rev. No.: 3			
Reference standard	NORSOK M-650,	NORSOK M-650, Edition 4						
Material designation and MDS No.:		ASTM A479 - UNS S32750 NORSOK M-630, Ed. 7, MDS D57 rev. 6						
Manufacturing summary doc. No.:	PQ_X_NORSOK_	_Ed.12 (Ref. M	S10)		Rev. No. 0			
Products and manufacturing process(es):		Machined round bars up to 250mm or black bars up to 265mm. Ingot casting + hot forging + Solution Annealing						
Mandatory conditions and sub-contractors:	Heat treatment pe	Heat treatment performed on ELTI2 furnace						
Other information:	All tests performed at in-house labs.							
Qualification expires:	09/2029							
Tested and Qua	alified Thickn	ess and V	Veight					
Products and manufacturing process(es):	Test record No.	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)			
Hot forged, solution annealed and machined round bars	2019065030	265mm	265mm	2756	All			
Qualification/A	cceptance sig	gnatures						
Manufacturer:	Prepared by/Date		Checked by/Da	te:				
	E. Balducci Laboratory Manag 19/09/2024	ger	D. Olivero Quality & Research Director 19/09/2024					
The manufactureQTR are supply of the above listed This acceptance does not products within the essen	products and materia t exempt any purchas	als. er from his respo	onsibility to ensure the					
Qualified/Accepte			Signature/Date:					
	isory - Energy S	ystems		Fred Date	tally signed by Irik Rosenqvist 2024.12.17 4:21 +01'00'			

	Qualificati	an Taat D			QTR. No.:6	
	NORSOK I		ecord (QT	R)	· .	
					Rev. No.: 3	
Manufacturer name/address/	COGNE ACCIAI Via Paravera, 16					
Web page:	www.cogne.com	- 11100 AUSTA	Italy			
Reference standard	NORSOK M-650,					
Material designation and MDS No.:		ASTM A479 - UNS S31254 NORSOK M-630, Ed. 7, MDS R17 rev. 6				
Manufacturing summary doc. No.:	PQ_x_NORSOK_	_Ed.12 (Ref. MS ⁻	13)		Rev. No. 0	
Products and manufacturing process(es):		Machined round bars up to 250mm or black bars up to 265mm. Ingot casting + Hot forging + Solution Annealing				
Mandatory conditions and sub-contractors:	Heat treatment pe	erformed on ELT	l2 furnace			
Other information:	All tests performed at in-house labs.					
Qualification expires:	es: 09/2029					
Tested and Qua	Tested and Qualified Thickness and Weight					
Products and		Tested	Qualified	Test piece	Qualified v	veiaht
manufacturing process(es):	Test record No.	thickness (mm)	thickness (mm)	weight (kg)	(kg)	veigin
Hot rolled, solution						
annealed and machined round bars	2019065032	265 mm	265 mm	2815	All	
Qualification/Ad	cceptance sig	gnatures	1	•		
Manufacturer:	Prepared by/Date	:	Checked by/Dat	e:		
	E. Balducci	0	D. Olivero			
	Laboratory Manag	ger	D. Olivero Quality & Research Director			
	19/09/2024	hh	19/09/2024			
The manufacturer and this			compliance with the	e requirement	s of NORSOK M-65	0
Edition 4 for supply of the This acceptance does not products within the essen	t exempt any purchas	er from his respon		t this qualifica	ation is valid for his	
Qualified/Accepte	d by (company na	me/address):	Signature/Date:			
DNV				0		
Materials Adv	risory - Energy S	ystems		-	tally signed by	
Veritasveien 2	1				lrik Rosenqvist	
1363 Høvik			П		2024.12.17	
Norway				0 • 1/:2	6:26 +01'00'	

	Qualificati	on Test R	ecord (QT	R)	QTR. No.:7		
COOILE	NORSOK			·	Rev. No.: 3		
Manufacturer name/address/ Web page:	COGNE ACCIAL Via Paravera, 16 www.cogne.com						
Reference standard	NORSOK M-650,	Edition 4					
Material designation and MDS No.:		ASTM A479 - UNS S32760 NORSOK M-630, Ed. 7, MDS D57 rev. 6					
Manufacturing summary doc. No.:	PQ_X_NORSOK_	_Ed.12 (Ref. MS	07)		Rev. No.)		
Products and manufacturing process(es):		Machined round bars up to 304.8mm or black bars up to 325mm. Ingot casting + Hot forging + Solution Annealing					
Mandatory conditions and sub-contractors:	Heat treatment performed on Gadda F1 and Gadda F2 furnaces						
Other information:	All tests performed at in-house labs.						
Qualification expires:	09/2029						
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)		
Hot forged, solution annealed and machined round bars from ingot.	2019065028	325mm	325mm	2769	All		
Qualification/Ac	cceptance sig	gnatures		•			
Manufacturer:	Prepared by/Date	:	Checked by/Dat	e:			
	E. Balducci Laboratory Manager 19/09/2024		D. Olivero Quality & Research Director 19/09/2024				
The manufacturer and this Edition 4 for supply of the This acceptance does not products within the essen	above listed products exempt any purchas	s and materials. er from his respon	sibility to ensure tha				
Qualified/Accepte	d by (company na	me/address):	Signature/Date:				
DNV Materials Advisory - Energy Systems Veritasveien 1 1363 Høvik Norway			D	Fredrik Date: 20	y signed by Rosenqvist 024.12.17 6 +01'00'		

CNE	Qualificati	on Test R	ecord (QT	R)	QTR. No.:8		
COOlle	NORSOK		x	,	Rev. No.: 3		
Manufacturer name/address/ Web page:	COGNE ACCIAL Via Paravera, 16 www.cogne.com						
Reference standard	NORSOK M-650,	Edition 4					
Material designation and MDS No.:		ASTM A479 - UNS S31803 – UNS S32205 NORSOK M-630, Ed. 7, MDS D47 rev. 6					
Manufacturing summary doc. No.:	PQ_X_NORSOK_	_Ed.12 (Ref. MS	03)		Rev. No. 0		
Products and manufacturing process(es):		Machined round bars up to 140mm or black bars up to 148mm. Continuous casting bloom + Hot Rolling + Solution Annealing					
Mandatory conditions and sub-contractors:	Heat treatment performed on Gadda F1, Gadda F2, SOTTRI3, ELTI2 furnaces						
Other information:	All tests performed at in-house labs.						
Qualification expires:	09/2029						
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)		
Hot forged, solution annealed and machined round bars from ingot.	2019065034	148mm	148mm	642	All		
Qualification/Ac	cceptance sig	gnatures					
Manufacturer:	Prepared by/Date	:	Checked by/Dat	e:			
	E. Balducci Laboratory Manager 19/09/2024		D. Olivero Quality & Research Director 19/09/2024				
The manufacturer and this Edition 4 for supply of the This acceptance does not products within the essen	sibility to ensure that						
Qualified/Accepte	d by (company na	me/address):	Signature/Date:				
Qualified/Accepted by (company name/address): DNV Materials Advisory - Energy Systems Veritasveien 1 1363 Høvik Norway				Fredri Date: 2	lly signed by k Rosenqvist 2024.12.17 42 +01'00'		

	Qualificati	on Test R	ecord (QT	R)	QTR. No.:9		
CODIE	NORSOK		(4	,	Rev. No.: 3		
Manufacturer name/address/ Web page:	COGNE ACCIAL Via Paravera, 16 www.cogne.com				Nev. No.: 3		
Reference standard	NORSOK M-650,	NORSOK M-650, Edition 4					
Material designation and MDS No.:		ASTM A479 - UNS S31803 – UNS S32205 NORSOK M-630, Ed. 7, MDS D47 rev. 6					
Manufacturing summary doc. No.:	PQ_X_NORSOK_	Ed.12 (Ref. MS	04)		Rev. No. 0		
Products and manufacturing process(es):		Machined round bars up to 355.6mm or black bars up to 386mm. Ingot casting + Hot forging + Solution Annealing					
Mandatory conditions and sub-contractors:	Heat treatment performed on Gadda F1, Gadda F2, SOTTRI3, ELTI2 furnaces						
Other information:	All tests performed at in-house labs.						
Qualification expires:	09/2029						
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)		
Hot forged, solution annealed and machined round bars from ingot.	201908863	386mm	386mm	4830	All		
Qualification/Ac	cceptance sig	gnatures					
Manufacturer:	Prepared by/Date	:	Checked by/Dat	ie:			
	E. Balducci Laboratory Manager 19/09/2024		D. Olivero Quality & Research Director 19/09/2024				
The manufacturer and this Edition 4 for supply of the This acceptance does not products within the essen	above listed products exempt any purchas	s and materials. er from his respon	sibility to ensure tha				
Qualified/Accepte	d by (company na	me/address):	Signature/Date:				
DNV Materials Advisory - Energy Systems Veritasveien 1 1363 Høvik Norway				Fredri Date:	Illy signed by k Rosenqvist 2024.12.17 46 +01'00'		