Veritasveien 1 1363 Høvik

Norway

Digitally Signed By: Helsem, Morten Ro

COGNE	Qualificati		Record (Q	TR)	QTR. No.:1
	NORSOK				Rev. No.: 1
Manufacturer name/address/ Web page:	COGNE ACCIAI Via Paravera, 16 www.cogne.com				
Reference standard	NORSOK M-650,	Edition 4			
Material designation and MDS No.:	ASTM A479 - UN NORSOK M-630,				
Manufacturing summary doc. No.:	PQ_x_NORSOK_	_Ed.11 (Ref. M	S01)		Rev. No. 0
Products and manufacturing process(es):	Bars for machinin Machined round I Square bloom co	pars up to 101.6	6mm or black bar	s up to 105mm	
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:	09/2024				
Tested and Qua	alified Thickn	ess and W	/eight		
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/A	cceptance sig	gnatures	·		
Manufacturer:	Prepared by/Date E. Balducci Technical Produc Stainless Steef B 26/03/2020	t Manager	Checked by/Date:  A.Misul Amnovation Director 26/03/2020		
The manufacturer and thin Edition 4 for supply of the This acceptance does no products within the essential that the control of the thin the control of t	e above listed product t exempt any purchas	s and materials. er from his respo	ensibility to ensure t		
Qualified/Accepte			Signature/Dat	e:	
DNV GL				Digitally Signed By: Hole	

< Of he			Record ( Q	TR)	QTR. No.:2			
	NORSOK				Rev. No.: 1			
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	, Edition 4						
Material designation and MDS No.:	ASTM A479 - UN NORSOK M-630		57 rev. 5					
Manufacturing summary doc. No.:	PQ_x_NORSOK	_Ed.11 (Red. M	1S05)		Rev. No. 0			
Products and manufacturing process(es):			6mm or black bars g/ingot casting + l					
Mandatory conditions and sub-contractors:	Heat treatment p	Heat treatment performed on Gadda F1 and Gadda F2 furnaces						
Other information:	All tests performed at in-house labs.							
Qualification expires:	09/2024							
Tested and Qua	alified Thickn	ess and V	/eight					
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/A	cceptance si	gnatures						
Manufacturer:	Prepared by/Date		Checked by/D	ate:				
	E. Balducci Technical Product Manager Stainless Steel Bays 26/03/2020  A.Misul Quality & Innovation Director 26/03/2020							
The manufacturer and thi Edition 4 for supply of the This acceptance does no products within the essen	e above listed product t exempt any purchas	ts and materials. Ser from his respo	onsibility to ensure t	•				

DNV GL Veritasveien 1 1363 Høvik Norway Signature/Date:



Digitally Signed By: Helsem, Morten Ro

COGNE	Qualificati NORSOK		Record (C	TR)	QTR. No.:3		
					Rev. No.: 1		
Manufacturer name/address/ Web page:	Via Paravera, 16 www.cogne.com						
Reference standard	NORSOK M-650	, Edition 4					
Material designation and MDS No.:	ASTM A479 - UN NORSOK M-630		57 rev. 5				
Manufacturing summary doc. No.:	PQ_x_NORSOK	_Ed.11 (Ref.MS	508)		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 p	Heat treatment performed on Gadda F1 and Gadda F2 furnaces					
Other information:	All tests performed at in-house labs.						
Qualification expires:	09/2024						
Tested and Qua	alified Thickn	ess and V	/eight				
Products and manufacturing process(es):	Test record No.	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)		
Hot rolled, solution	2019051812	105 mm	105 mm	451	All		
annealed and machined round bars	2019051813	105 mm	105 mm	410	All		
Qualification/A							
Manufacturer:	Prepared by/Date	e:	Checked by/E	ate:			
	E. Balducci Technical Produc Stainless Steel 8 25/03/2020		A.Misul Quality & Innovation Director 26/03/2020				

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/Accepted by:

DNV GL Veritasveien 1 1363 Høvik Norway Signature/Date:



Digitally Signed By: Helsem, Morten Ro

**DNV GL** 

Norway

Veritasveien 1

1363 Høvik

Digitally Signed By: Helsem, Morten Ro

Location: DNV GL Høvik, Norway

Signing Date: 15/04/2020

<06nc		Qualification Test Record (QTR)			QTF	R. No.:4	
0.	NORSOK M-650				Rev. No.: 1		
Manufacturer name/address/ Web page:	COGNE ACCIAI Via Paravera, 16 www.cogne.com						
Reference standard	NORSOK M-650	, Edition 4					
Material designation and MDS No.:	ASTM A479 - UN NORSOK M-630		17 rev. 5				
Manufacturing summary doc. No.:	PQ_x_NORSOK_	_Ed.11 (Ref. M	S11)		Rev. 0	No.	
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 po	Heat treatment performed on Gadda F1 and Gadda F2 furnaces					
Other information:	All tests performed at in-house labs.						
Qualification expires:	09/2024						
Tested and Qua	alified Thickn	ess and W	/eight				
Products and manufacturing process(es):	Test record No.	Tested thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	9	Qualified weight (kg)	
Hot rolled, solution annealed and machined round bars	2019051955	105 mm	105 mm	448		All	
Qualification/A	cceptance si	gnatures	·			•	
Manufacturer:	Prepared by/Date	<b>)</b> :	Checked by/Da	te:			
	E. Balducci Technical Product Manager Stainless Steel Bars 26/03/2020  A.Misul Qaliy & Innevation Director 25/03/2020						
The manufacturer and thi Edition 4 for supply of the This acceptance does no products within the essen	above listed product t exempt any purchas	s and materials. ser from his respo	nsibility to ensure th	,			
Qualified/Accepte		SOLUM SOO Latte	Signature/Date	:			

COME			Record ( Q	ΓR)	QTR. No.:5		
0	NORSOK				Rev. No.: 1		
Manufacturer name/address/ Web page:	COGNE ACCIAI Via Paravera, 16 www.cogne.com						
Reference standard	NORSOK M-650,	Edition 4					
Material designation and MDS No.:	ASTM A479 - UN NORSOK M-630,		57 rev. 5				
Manufacturing summary doc. No.:	PQ_x_NORSOK_	_Ed.11 (Ref. M	S10)		Rev. No. 0		
Products and manufacturing process(es):	Machined round by Ingot casting + h		nm or black bars u lution Annealing	p to 265mm.			
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:	11/2024						
Tested and Qua	alified Thickn	ess and V	/eight				
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	ite:			
	E. Balducci Technical Product Manager Stainless Steel Bars 26/03/2020  A.Misul Quality/& Innovation Director 26/03/2020						
The manufactureQTR are supply of the above listed This acceptance does no products within the essen	l products and materia t exempt any purchas	als. er from his respo	onsibility to ensure th				
Qualified/Accepte		JON IVI-030 EUILI	Signature/Date	:			

DNV GL Veritasveien 1 1363 Høvik Norway



Digitally Signed By: Helsem, Morten Ro

**DNV GL** 

Norway

Veritasveien 1

1363 Høvik

Digitally Signed By: Helsem, Morten Ro

Location: DNV GL Høvik, Norway

Signing Date: 15/04/2020

<cogne></cogne>	Qualification Test Record (			R)	QTF	R. No.:6
OUI	NORSOK	M-650			Rev	. No.: 1
Manufacturer name/address/ Web page:	COGNE ACCIAI Via Paravera, 16 www.cogne.com					
Reference standard	NORSOK M-650,	Edition 4				
Material designation and MDS No.:	ASTM A479 - UN NORSOK M-630,		<sup>7</sup> rev. 5			
Manufacturing summary doc. No.:	PQ_x_NORSOK_	_Ed.11 (Ref. MS	13)		Rev. I	No.
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 performed on ELTI2 furnace					
Other information:	All tests performed at in-house labs.					
Qualification expires:	11/2024					
Tested and Qua	lified Thickn	ess and W	eight			
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	2019065032	265 mm	265 mm	2815		All
Qualification/Ad						
Manufacturer:	Prepared by/Date	<b>)</b> :	Checked by/Dat	e:		
	E. Balducci Technical Product Manager Stainless Steel Bars 26/03/2020  A.Misul Quality & Innovation Director 26/03/2020					
The manufacturer and this Edition 4 for supply of the This acceptance does not products within the essen	above listed product exempt any purchas	s and materials. er from his respon	sibility to ensure tha			
products within the essential variables of NORSOK M-650 Edition Qualified/Accepted by:			Signature/Date:			

COGNE	Qualificati		Record ( C	TR)	QTR. No.:7	
901	NORSOK	M-650			Rev. No.: 1	
Manufacturer name/address/ Web page:	COGNE ACCIAI Via Paravera, 16 www.cogne.com					
Reference standard	NORSOK M-650	, Edition 4				
Material designation and MDS No.:	ASTM A479 - UN NORSOK M-630		57 rev. 5			
Manufacturing summary doc. No.:	PQ_x_NORSOK_	_Ed.11 (Ref. M	S07)		Rev. No. 0	
Products and manufacturing process(es):	Machined round Ingot casting + H			rs up to 325mn	n.	
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:	11/2024					
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 from ingot.	2019065028	325mm	325mm	2769	All	
Qualification/A	cceptance si	gnatures	<u> </u>	•	•	
Manufacturer:	Prepared by/Date	<b>)</b> :	Checked by/Date:			
	E. Balducci Technical Product Manager Stainless Steel Bays 26/03/2020  A.Misul Quality & Inno 26/03/2020				r	
The manufacturer and thi Edition 4 for supply of the This acceptance does no products within the essen	above listed product t exempt any purchas	s and materials. ser from his respo	onsibility to ensure	•		
products within the essential variables of NORSOK M-650 Edition			Signature/Date:			

DNV GL Veritasveien 1 1363 Høvik Norway Signature/Date:



Digitally Signed By: Helsem, Morten Ro

COGNE	Qualification		Record ( Q	TR)	QTR. No.:8		
Oli	NORSOK I	M-650			Rev. No.: 1		
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 NORSOK M-630,						
Manufacturing summary doc. No.:	PQ_x_NORSOK_	Ed.11 (Ref. M	S03)		Rev. No.		
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 pe	Heat treatment performed on Gadda F1, Gadda F2, SOTTRI3, ELTI2 furnaces					
Other information:	All tests performed at in-house labs.						
Qualification expires:	11/2024						
Tested and Qua	alified Thickne	ess and W	/eight				
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/A	cceptance sig	natures		_	•		
Manufacturer:	Prepared by/Date		Checked by/Da	ate:			
	E. Balducci Technical Product Stainless Steel Ba 26/03/2020						
The manufacturer and thi Edition 4 for supply of the This acceptance does no products within the essen	e above listed products t exempt any purchase	s and materials. er from his respo	onsibility to ensure t	•			

DNV GL Veritasveien 1 1363 Høvik Norway



Digitally Signed By: Helsem, Morten Ro

Veritasveien 1

1363 Høvik

Norway

Location: DNV GL Høvik, Norway

Signing Date: 15/04/2020

COGNE	Qualificati		Record ( Q	TR)	QTR. No.:9	
0.	NORSOK M-650				Rev. No.: 1	
Manufacturer name/address/ Web page:	COGNE ACCIAI Via Paravera, 16 www.cogne.com					
Reference standard	NORSOK M-650	, Edition 4				
Material designation and MDS No.:	ASTM A479 - UN NORSOK M-630					
Manufacturing summary doc. No.:	PQ_x_NORSOK_	_Ed.11 (Ref. M	S04)		Rev. No. 0	
Products and manufacturing process(es):	Machined round I			s up to 386mi	m.	
Mandatory conditions and sub-contractors:	Heat treatment po	Heat treatment performed on Gadda F1, Gadda F2, SOTTRI3, ELTI2 furnaces				
Other information:	All tests performed at in-house labs.					
Qualification expires:	11/2024					
Tested and Qua	alified Thickn	ess and W	/eight			
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/A	cceptance si	gnatures		·	,	
Manufacturer:	Prepared by/Date	<b>)</b> :	Checked by/Date:			
	E. Balducci Technical Produc Stainless Steel B 26/03/2020		A.Migul Quality & Innovation Director 26/03/2020			
The manufacturer and thi Edition 4 for supply of the This acceptance does no products within the esser	e above listed product t exempt any purchas	s and materials. ser from his respo	onsibility to ensure	•		
Qualified/Accepte				Signature/Date:		
DN	DNV GL			Digitally Signed By:	Helsem, Morten Ro	