

ATTACHMENT

to ISO 9001:2015 certificate of approval No N. 0029990 dated 17 September 2018, expiring
on 18 December 2020 issued to:

Fondinox S.p.A.

Via Marconi 42/48, 26010 Serignano - CR – Italy

The Quality Management System supports the requirements of Annex I, chapt. 4.3 of

DIRECTIVE 2014/68/EU



Gilles Bessiere

Issued by: Lloyd's Register Quality Assurance Italy Srl

Current Issue Date: 17 September 2018

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Certificate Identity Number: 0029990 - PED

Original Approvals:

PED – 19 December 1996

Approval Number(s): 0029990 - PED

The application of the requirements of 2014/68/EU Directive, attachment I, chapt 4.3 is referred to the manufacturing of:

SAND CASTINGS up to 9 tons,
CENTRICAST TUBES up to 5000mm of length and 4 tons,
VERTICAL CENTRICAST PRODUCTS up to 32" and 4 tons

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made in:

TYPE OF MATERIAL	MATERIAL SPECIFICATION	MATERIAL	DELIVERY CONDITION	ARTICLE AND TYPE OF PRODUCT	DIMENSIONS	
CARBON STEEL AND LOW ALLOYED STEEL	EN 10213	1.0619	NORMALIZED, NORMALIZED AND TEMPERED, STRESS RELIEVED, ANNEALED, AGED	SAND CASTINGS	- SAND CASTINGS up to 9 tons, - CENTRICAST TUBES up to 5000mm of length and 4 tons, - VERTICAL CENTRICAST PRODUCTS up to 32" and 4 tons	
		1.0625				
		1.1131				
		1.6220				
		1.5422				
		1.5419				
		1.7357				
		1.7379				
		1.7720				
		1.7706				
	ASTM A216 ASTM A352	WCA				
		WCB				
		WCC				
		LCA				
		LCB				
		LCC				
		LC1				
		LC2				
		LC3				
		LC4				
LC9						
MARTENSITIC STAINLESS STEEL	EN 10283 EN 10213	1.4011	NORMALIZED, NORMALIZED AND TEMPERED, STRESS RELIEVED, ANNEALED, AGED	SAND CASTINGS	- SAND CASTINGS up to 9 tons, - CENTRICAST TUBES up to 5000mm of length and 4 tons, - VERTICAL CENTRICAST PRODUCTS up to 32" and 4 tons	
		1.4008				
		1.4317				
		1.4405				
		1.4411				
		1.4525				
		1.4405				
	ASTM A352 A743 A747 AISI 410	CA15				
		CA40				
		CA6NM				
		CB7Cu-1				
	ASTM A426	CPCA15				CENTRICAST PRODUCTS

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TYPE OF MATERIAL	MATERIAL SPECIFICATION	MATERIAL	DELIVERY CONDITION	ARTICLE AND TYPE OF PRODUCT	DIMENSIONS
AUSTENITIC STAINLESS STEEL	EN 10283 EN 10213	1.4309	SOLUTION ANNEALED	SAND CASTINGS	- SAND CASTINGS up to 9 tons, - CENTRICAST TUBES up to 5000mm of length and 4 tons, - VERTICAL CENTRICAST PRODUCTS up to 32" and 4 tons
		1.4308			
		1.4409			
		1.4408			
		1.4412			
		1.4443			
		1.4552			
		1.4581			
		1.4840			
	ASTM A351 A743 A744 AISI 304, 304L, 316, 316L, 317, 317L, 347, 303	CF3			
		CF8			
		CF3M			
		CF8M			
		CF8C			
		CF10			
		CF10SMnN			
		CG3M			
		CG8M			
		CG6MMN			
		CK20			
ASTM A451	CPF3	CENTRICAST PRODUCTS			
	CPF8				
	CPF3M				
	CPF8M				
	CPF8C				
SUPERAUSTENITIC STAINLESS STEEL	EN 10283	1.4446	SOLUTION ANNEALED	SAND CASTINGS AND CENTRICAST PRODUCTS	- SAND CASTINGS up to 9 tons, - CENTRICAST TUBES up to 5000mm of length and 4 tons, - VERTICAL CENTRICAST PRODUCTS up to 32" and 4 tons
		1.4458			
		1.4527			
		1.4416			
		1.4587			
		1.4588			
		1.4584			
		1.4557			
		CT15C			
	ASTM A351	CK3MCuN			
		CN3MN			
		CN7M			

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TYPE OF MATERIAL	MATERIAL SPECIFICATION	MATERIAL	DELIVERY CONDITION	ARTICLE AND TYPE OF PRODUCT	DIMENSIONS
DUPLEX STAINLESS STEEL	EN 10283 EN 10213	1.4474	SOLUTION ANNEALED	SAND CASTINGS AND CENTRICAST PRODUCTS	- SAND CASTINGS up to 9 tons, - CENTRICAST TUBES up to 5000mm of length and 4 tons, - VERTICAL CENTRICAST PRODUCTS up to 32" and 4 tons
		1.4347			
		1.4470			
		1.4468			
		1.4517			
		1.4417			
		1.4469			
	ASTM A890 A995, AISI 329	CD4MCu			
		CD4MCuN			
		CD3MCuN			
		CE8MN			
		CD6MN			
		CD3MN			
		CE3MN			
		CD3MWCuN			
NICKEL-BASE ALLOYS	DIN	2.4066	SOLUTION ANNEALED, AGED	SAND CASTINGS AND CENTRICAST PRODUCTS	- SAND CASTINGS up to 9 tons, - CENTRICAST TUBES up to 5000mm of length and 4 tons, - VERTICAL CENTRICAST PRODUCTS up to 32" and 4 tons
		2.4367			
		2.4365			
		2.4816			
		2.4610			
		2.4856			
		2.4686			
		2.4607			
		2.4882			
	ASTM A494 A990	CZ100			
		M25S			
		M30C			
		M30H			
		M35-1			
		M35-2			
		CY40			
		CU5MCuC			
		CW2M			
		CW6MC			
		CW12MW			
		CX2MW			
		CX2M			

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NICKEL-BASE ALLOYS	ASTM A494 A990	N3M	SOLUTION ANNEALED, AGED	SAND CASTINGS AND CENTRICAST PRODUCTS	- SAND CASTINGS up to 9 tons, - CENTRICAST TUBES up to 5000mm of length and 4 tons, - VERTICAL CENTRICAST PRODUCTS up to 32" and 4 tons
		N7M			
		N12MV			

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TYPE OF MATERIAL	MATERIAL SPECIFICATION	MATERIAL	DELIVERY CONDITION	ARTICLE AND TYPE OF PRODUCT	DIMENSIONS
HEAT RESISTANT ALLOYS	EN 10295	1.4825	AS-CAST, SOLUTION ANNEALED	SAND CASTINGS AND CENTRICAST PRODUCTS	- SAND CASTINGS up to 9 tons, - CENTRICAST TUBES up to 5000mm of length and 4 tons, - VERTICAL CENTRICAST PRODUCTS up to 32" and 4 tons
		1.4826			
		1.4832			
		1.4837			
		1.4848			
		1.4855			
		1.4805			
		1.4806			
		1.4807			
		1.4865			
		1.4849			
		1.4859			
		1.4857			
		1.4852			
	1.4889				
	ASTM A297, AISI 308, 309, 310, 330, 331, 446	HC			
		HD			
		HF			
		HH			
		HI			
		HK			
		HL			
		HN			
HP					
HT					
HU					
HW					
HX					
ALLOYS FOR NUCLEAR APPLICATIONS	RCC-M M3402	Z3 CND 19-10 M	SOLUTION ANNEALED	SAND CASTINGS	- SAND CASTINGS up to 9 tons, - CENTRICAST TUBES up to 5000mm of length and 4 tons, - VERTICAL CENTRICAST PRODUCTS up to 32" and 4 tons

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TYPE OF MATERIAL	MATERIAL SPECIFICATION	MATERIAL	DELIVERY CONDITION	ARTICLE AND TYPE OF PRODUCT	DIMENSIONS
ALLOYS PRODUCED UNDER ORIGINAL LICENSE	FONDINOX S.p.A.	316HP	SOLUTION ANNEALED	SAND CASTINGS AND CENTRICAST PRODUCTS	<ul style="list-style-type: none"> - SAND CASTINGS up to 9 tons, - CENTRICAST TUBES up to 5000mm of length and 4 tons, - VERTICAL CENTRICAST PRODUCTS up to 32" and 4 tons
		316LHP			
		ALLOY 25-5LC			
		ALLOY 25-5Cu			
	SANDVIK STEELS	SAF 2304			
		SAF 2205			
		SAF 2507®			
		2RK65			
		Sanicro 28			
	OUTOKUMPU OY	254SMO®			
		654SMO®			
		153MA™			
		253MA®			
		353MA®			
	HAYNES INTL. INC.	Hastelloy® C-276			
		Hastelloy® C-4			
		Hastelloy® C-22			
		Hastelloy® B-2			
		Hastelloy® G-3			
		Hastelloy® G-30			
		Hastelloy® C-2000			
		Hastelloy® B-3			
		Hastelloy® C-22HS			
	Hastelloy® G-35				



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