



Management
System
ISO 9001:2015
www.tuv.com
ID: 910823711

Certificado de Calidad

IT020305 rev.01

N° NN-20593

Industrias Nelson
Av. Rivadavia 12140 – Ciudadela – Buenos Aires
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	Descripción	Código	Certificado
1	CUPLA 1/2" NPT H X 1/4" NPT H	103S0804	AA-780
Componentes		Material	Certificado
BARRA EXAGONAL DE 34.9mm		AISI 316	AA-780

Protocolo de ensayo :

Tipo		Presión de trabajo	Estado	Presión de prueba	Estado	Tiempo
Hidráulico	1	10000 PSI	Ok	15.000 PSI	Ok	60 segundos

Dimensional:

Se controlaron las roscas con el calibre correspondientes dando como resultado satisfactorio. Se controlaron también la rugosidad superficial y las dimensiones generales dando un resultado satisfactorio.

Visual/Funcional:

Se controlaron la porosidad, rebabas, ensamblado, terminación superficial y su función mecánica dando como resultado: satisfactorio

Observaciones :

Se certifica que las piezas descritas fueron construidas de acuerdo a lo indicado en nuestros estándares internos, que se cumplen de acuerdo a un sistema de Gestión de Calidad certificado ISO 9001:2015, manteniendo en archivo los certificados correspondientes a cada material.

Firma: **INDUSTRIAS NELSON S.A.**

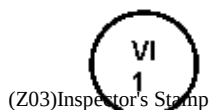




VIRAJ PROFILES PRIVATE LIMITED (formerly, Viraj Profiles Limited)(SRM Division)
Works: SURVEY NO.- 25/1, 25/2, 26 & 34, Village- MAAN, Taluka- PALGHAR, Dist.- PALGHAR, MAHARASHTRA -401 506, INDIA,
e-mail- vielqc@viraj.com

(A02) INSPECTION CERTIFICATE & MILL TEST REPORT (DIN EN 10204-3.1)															
(A06)CUSTOMER : FAMIQ SRL AV. SAN MARTIN 4723 C.P. (1417) CAPITALFEDERAL, ARGENTINA Argentina				Manufacturer's Symbol (A04) 		(A03)MTR NO.		910007139/2							
						(Z02) DATE		20.05.2022							
						MATERIAL SPEC.									
						(B02) GRADE		AISI 316L							
						DIMENSIONAL SPEC.		h11							
(B01) : STAINLESS STEEL BRIGHT BARS				(B04) DELIVERY CONDITION : COLD DRAWN											
Approved acc. To AD 2000-Merkblatt W0 and certified acc. To PED (2014/68/EU) by Certification Body for Pressure Equipment of TUVNORD System (Notified body,reg.no:0045)															
(A07)ORDER NO: 5000008031										(A09)Article No: 300818					
(B09-B11)ITEM DESCRIPTION				LENGTH		(B08) PIECES(Nos)		NET WEIGHT(TO)				(B07) HEAT NO			
HEXAGON 34.925 MM				6.00 - 6.20		22		1.102				CA660			
Bundle No		14000116325													
(C71-C92) CHEMICAL ANALYSIS															
ELEMENT	%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Ti	%Co	%N			
HEAT	0.0290	1.5500	0.4700	0.0230	0.0350	16.6200	10.0800	0.4400	2.0300	0.0030	0.1600	0.0650			
MECHANICAL PROPERTIES															
INSPECTION NO.	TEST SPECIFICATION (ISO 6892-1)														
			(C03) TEST TEMP @RT		(C02) TEST DIRECTION L										
	(C12) Tensile Strength	Proof Strength				(C13) Elongation%		Reduction of Area%		Hardness					
		Rp=0.2%		Rp = 1%											
		MPA		MPA		MPA		Lo=4D		HBW					
	660.00		475.00				44.00		70.00		196				
METALLURGICAL PROPERTIES															
(B03)COROSION TEST				MICRO OBSERVATION											
PASSED IGC TEST PER ASTM-A262 & DIN EN ISO 3651-2				NO CARBIDE PRECIPITATION OBSERVED ON GRAIN BOUNDARIES											
:															
(B06)PRODUCT MARKING : SIZE, GRADE, HEAT NO., LOGO & INSPECTOR STAMP															
MATERIAL CONFIRMS TO ASTM A276/A276M-17 COND A, INTERGRANULAR CORROSION TEST SATISFACTORY AS PER ASTM A262-15 PRACTICE E. CERTIFIED AS PER EN 10204-3.1.															
REMARKS : MINIMUM SOLUTION ANNEALING TEMPRATURE 1050 C, SOAKING TIME 01 HR/INCH WATER QUENCHED.. MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD OR WELD REPAIRS. WE CONFIRM THAT THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION.															

we certify that the above material has been inspected and tested and complies with the order/contract and is of Indian origin



(Z03)Inspector's Stamp



AUTHORIZED WORKS INSPECTOR

RADHAKRISHNA MURTHY