



Management System
ISO 9001:2015
www.tuv.com
ID: 9105023711

Certificado de Calidad

IT020305 rev.01

N° NN-20946

Industrias Nelson
Av. Rivadavia 12140 – Ciudadela – Buenos Aires
info@industriasnelson.com.ar / www.industriasnelson.com.ar
T.E. 0800-333-4237

| | Descripción | Código | Certificado |
|--|----------------------------------|-----------|-------------|
| | ADAPTADOR ¼" MACHO X 3/8" HEMBRA | 120S0604 | AA-752 |
| | Componentes | Material | Certificado |
| | BARRA HEXAGONAL 31.7mm | AISI 316I | AA-752 |

Protocolo de ensayo :

| Tipo | Número | Presión de trabajo | Estado | Presión de prueba | Estado | Tiempo |
|------------|--------|--------------------|--------|-------------------|--------|-------------|
| Hidráulico | 1 | 15.000 PSI | Ok | 17.000 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, rebarbas, ensamblado, terminación superficial y su función mecánica dando como resultado: satisfactorio

Observaciones :

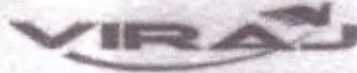
Se certifica que las piezas descriptas fueron construidas de acuerdo a lo indicado en nuestros estándares internos, que se cumplen de acuerdo a un sistema de Gestión de Calidad certificado ISO 9001:2015, manteniendo en archivo los certificados correspondientes a cada material.

Firma: INDUSTRIAS NELSON S.A.



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AA-752



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

| | | | | | | | | | | | | | | |
|---|---------------------|--------------------------------|---------------------------------------|------------------|--------------------|----------|---------|--------|--------|--------|--------|--|--|--|
| (A06)CUSTOMER : CORVICAL ACEROS S.A. CATAMARCA, 1527 B1824ESI-LANUS OESTE PROVINCIA DE BUENOS AIRES | | Manufacturer's Symbol (A04) | (A03)MTR NO. | 1049071/13 | | | | | | | | | | |
| | | | (Z02) DATE | 05.03.2019 | | | | | | | | | | |
| | | | MATERIAL SPEC. | | | | | | | | | | | |
| | | | (B02) GRADE | AISI 316 | | | | | | | | | | |
| | | | DIMENSIONAL SPEC. | h11 | | | | | | | | | | |
| (B01) : STAINLESS STEEL BRIGHT BARS | | | (B04) DELIVERY CONDITION : COLD DRAWN | | | | | | | | | | | |
| (A07)ORDER NO: J-2585 | | | | (A09)Article No: | | | | | | | | | | |
| (B09-B11)ITEM DESCRIPTION | LENGTH | (B08) PIECES(Nos) | NET WEIGHT(TO) | (B07) HEAT NO | | | | | | | | | | |
| HEXAGON 31.750 MM | 5.00 - 5.20 | 14 | 0.494 | 110805 | | | | | | | | | | |
| Bundle No | 1101056557 | | | | | | | | | | | | | |
| (C71-C92) CHEMICAL ANALYSIS | | | | | | | | | | | | | | |
| ELEMENT | %C | %Mn | %SI | %S | %P | %Cr | %Ni | %Cu | %Mo | %Co | %N | | | |
| HEAT | 0.0220 | 1.7400 | 0.4500 | 0.0210 | 0.0350 | 16.6000 | 10.0400 | 0.3200 | 2.0300 | 0.1600 | 0.0800 | | | |
| MECHANICAL PROPERTIES | | | | | | | | | | | | | | |
| Inspection No. | | | | | | | | | | | | | | |
| 100011148379 | (C12) | Yeild Strength | | (C13) | Reduction of Area% | Hardness | | | | | | | | |
| | Tensile Strength | Rp=0.2% | Rp = 1% | Elongation% | | | | | | | | | | |
| | Mpa | Mpa | Mpa | Lo=4D | | HBW | | | | | | | | |
| | 667.00 | 462.00 | | 42.00 | 68.00 | 196 | | | | | | | | |
| (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 TEMPERATURE 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



AUTHORIZED WORKS INSPECTOR

RADHAKRISHNA MURTHY