

EN 10 204 3.1.B

INSPECTION STAMP

**Customer References** 

Material description

Steel making process Electric furnace

Technical requirements

EXTENT OF DELIVERY

C

0.014

0.088

Co

NACE MR 01-75

TEST RESULTS

Heat

Lot

42390

459867

459867

SEAMLESS STAINLESS COLD FINISHED

ASTM A-312-01, ASME SA-312-ED-01 AD-02

It Product designation

09 TST-316L-1/2-SCH40

Chemical composition (weight%)

Tensile test at room temperature

N/mm2

Rp0.2

373

390

414

Si

0.40

Cu

0.34

Yield strength

which have been hydrostatically tested.

21.34 X 2.77

QA-TUBE

560-00991

PIPE

## CERTIFICATE

No. A/03-249923

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**ABSMT Dispatch note** 

TP316/TP316L

M

602.47

602.47

Mo

2.02

Ni

11.18

20748/54

INSPECTION CERTIFICATE acc to

Date

TLALNEPANTLA EDO.DE MEXICO

Rev 00

Customer

2003-09-09

Heat

Mn

1.63

0.069

N

Lot

Total

Tensile strength

459867 42390

P

N/mm2

Rm

642

647

667

Leak test: Eddy current test acc to Practice E426 with drilled hole as reference standard on all tubes, with the exception of those lots

Quality assurance - Carl-Filip Lindahl/ QA-manager Tube & Pipe

0.032

**Pieces** 

90

90

S

0.008

Kq

729.0

729.0

Elongation

Cr

16.84

2"

54

51

49

order

COL.LA LOMA

Order No.

ABSMT No.

Sandvik

3R65

300-30414

CP 54060 MEXICO

Sandvik References

VIA GUSTAVO BAZ 352

SANDVIK DE MEXICO S.A. DE C.V.

Subs No.

80324

C.Code

68

Steel/material Designations



Lot

42390

## CERTIFICATE

Date

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Hardness test Min Max HRB HRB 85.0 89.0

Following controls/tests have been satisfactorily performed:

- Flattening test - Intergranular corrosion test acc to ASTM A-262 PR.E

- Material Identification. - Visual inspection and dimensional control.

Heat Treatment: Solution annealed and quenched.

The number of tests are based on the size of the manufacturing lot

before cutting to finished lengths.

The delivered products comply with the specifications and requirements of the order.

The material is manufactured according to a Quality system, approved and registered to ISO 9001.

The certificate is produced with EDP and valid without signature