**Tubacero**

Ave. Guerrero N° 3729 Nte.
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# CONSTANCIA DE INSPECCION
# INSPECTION CONSTANCY

N° CONSTANCIA (CONSTANCY N°): **160019**

CLIENTE (CUSTOMER): PLESA ANÁHUAC Y CIAS., S.A. DE C.V.

ORDEN DE COMPRA (PURCHASE ORDER): 22893

DIRECCION (ADDRESS): AV. VALLE DE LAS ALAMEDAS # 66-O COL. SAN FCO. CHILPAN TULTITLAN, EDO. DE MÉXICO C.P. 54940

| ORDEN DE PREPARACION (PREPARATION ORDER) | ORDEN DE TRABAJO (JOB ORDER) | DIAMETRO (SPECIFIED OUTSIDE DIAMETER) | ESPESOR (SPECIFIED WALL THICKNESS) | ESPECIFICACION (SPECIFICATION) | GRADO (PIPE GRADE) | CONDICION DE ENTREGA (DELIVERY CONDITION) | PSL (PSL) | TIPO DE TUBO (TYPE OF PIPE) | PROVEEDOR (SUPPLIER) | FECHA (DATE) |
|---|---|---|---|---|---|---|---|---|---|---|
| SR-013-2016 | 33682 | 14.000" | 0.250" | API 5L 45 ED.(A.S.T.M. | X-42/B/A53B | - | 1 | HFW/ERW | AHMSA | 26/1/15 |

| N. DE TUBO/ N. DE SERIE CALIFICACION (PIPE NUMBER) | NUMERO COLADA (NUMBER) (HEAT) | ENSAYO DE TENSION (TENSILE TEST) A | B | C | D | UNIDADES (UNITS) PSI (YS) | (TS) | TAMAÑO (SIZE) % E | 14 1 pl.s | ENSAYO (DOBLEZ GUIADO) (GUIDED BEND TESTS) G | * | ENSAYO DE IMPACTO CHARPY (CHARPY IMPACT TEST) TEMPERATURA DE ENSAYO (TEST TEMPERATURE) ENERGIA (ENERGY) 1 JOULE 1 | 2 | 3 | PROMEDIO (AVG.) | TAMAÑO (SIZE) TIPO (TYPE) 1 | 2 | 3 | PROMEDIO (AVG.) | ENSAYO DWT (DWT TEST) TEMPERATURA DE ENSAYO (TEST TEMPERATURE) TIPO (TYPE) F | D | 1 | 2 | PROMEDIO (AVG.) | ENSAYO DE DUREZA (HARDNESS TEST) C | G | METAL BASE (Base metal) | ZONA AFECTADA (HEAT AFECTED ZONES) | SOLDADURA (WELD) | ZONA AFECTADA (HEAT AFECTED ZONES) | METAL BASE (Base metal) | TAMAÑO DE GRANO GRAIN SIZE | C | ANALISIS QUIMICO (%) CHEMICAL ANALYSIS (%) C | Mn | P | S | Si | Al | Cu | Cr | Ni | Mo | Ti | Nb | B | V | N | Als | Co | Pcm | CE | Nb+V | V+Nb+Ti |
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| 223 | 152642 | - | I | " | 4 5 | 57000 | 77800 73000 | 38 | 0.78 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
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