

PLANTA: MX18 - Nacobre San Luis
PEDIDO/ORDER:

| | | | |
|---|---|--|--|
| CLIENTE/CUSTOMER: PEDIDO CLIENTE/P.O.: PEDIDO / ORDER: NORMA/STANDAR: NORMA CTE./CUST. SPEC.: PARTE CTE./CUST. PART: | TUMATSA S.A DE C.V. NMX-W-101/1-2002 | PRODUCTO/PRODUCT: DESCRIPCIÓN/DESCRIPTION: ALEACIÓN/ALLOY: TEMPLE/TEMPLER: PESO NETO/NET WEIGHT: TIPO DE PARED / WT: CANTIDAD / QUANTITY: | TEE DE 3/4" CATALOGO 111-19 C12200 RIGIDO H58 |
|---|---|--|--|

**COMPOSICIÓN QUÍMICA REQUERIDA
CHEMICAL COMPOSITION REQUIRED**

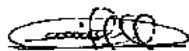
| ELEMENTO | c | Fe | Mn | Ni | P | Pb | S | Zn | Cu |
|----------|---|----|----|----|-------|----|---|----|---------|
| Max % | | | | | 0.040 | | | | 99.9900 |
| Min % | | | | | 0.015 | | | | |

**No. DE MUESTRA
HEAT NUMBER
Colada**
**COMPOSICION QUIMICA DETERMINADA
CHEMICAL COMPOSITION DETERMINED**

| | | | | | | | | | |
|--|--|--|--|--|--------|--|--|--|---------|
| | | | | | 0.0300 | | | | 99.9900 |
|--|--|--|--|--|--------|--|--|--|---------|

PRUEBAS FÍSICAS / MECÁNICAS. PHYSICAL / MECHANICAL PROPIETIES

| PRUEBA / TEST | U/M | REQUERIDO / REQUIRED | |
|--------------------------|-------|----------------------|------------------|
| | | Mínima / Minimum | Máxima / Maximum |
| RESISTENCIA A LA TENSION | KSI | | ----- |
| LIMITE ELASTICO | KSI | | ----- |
| DUREZA | HR30T | 52 | 52.000 |
| EDDY CURRENTS TEST | | | |

ORDEN / ORDER:
LOTE / BATCH:
Entrega / Delivery:
OBSERVACIONES
TEE DE 3/4" CATALOGO 111-19

**REVISO: CALIDAD
REVIEWED: QUALITY**
**HECHO EN MEXICO
MADE IN MEXICO**
RAUL VILLAFUERTE GONZALEZ
NACIONAL DE COBRE S.A. DE C.V. CERTIFICA QUE EL MATERIAL EMBARCADO BAJO ESTA ORDEN HA SIDO INSPECCIONADO, PROBADO Y ENCONTRADO CONFORME A LA ESPECIFICACIÓN APLICABLE.
A NUESTROS ARCHIVOS SE ENCUENTRAN REPORTES DE PRUEBA SUJETOS A EXAMEN.
SE PROHIBE LA REPRODUCCION TOTAL O PARCIAL DE ESTE CERTIFICADO SIN LA AUTORIZACION DE LA GERENCIA DE CALIDAD.
NACIONAL DE COBRE, HERE BY CERTIFIES THAT MATERIAL SHIPPED UNDER THIS ORDER HAS BEEN INSPECTED, AND FOUND IN AGREEMENT WITH APPLICABLE SPECIFICATION, TEST REPORTS ARE ON FILE SUBJECT TO EXAMINATION.
TOTAL OR PARTIAL REPRODUCTION OF THIS CERTIFICATE IS NOT ALLOWED WITHOUT AUTORIZATION FROM THE QUALITY MANAGER.
THE COUNTRY OF ORIGIN OF THE CAST MATERIAL FOR THIS ORDER WAS MEXICO.