

Drop Forja S.A.deC.V.

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CERTIFICADO DE CALIDAD (QUALITY CERTIFICATE)

Av. Apolinar Mendoza No.24 Col San José del Jaral .C.P.52924, Atizapán de Zaragoza, Edo. de México.
Tels.: 5887- 4694 /5887- 5870 /5887- 4249 Fax 5887- 4318 RFC: DFO-930428-JQ8 dropforja@gmail.com

FOLIO
7105

FECHA (DATE)
18-Mar-09

FACTURA (INVOICE)
No 5768

CLIENTE (CUSTOMER) **PLESA ANAHUA Y CIAS S.A. DE C.V.**

PEDIDO (PURCHASE ORDER)
O.C. 6058

AV. VALLE DE LAS ALAMEDAS No. 66-O COL. SAN FRANCISCO CHILPAN TULTITLAN EDO. DE MEXICO CP. 54940

ANALISIS QUIMICO
(CHEMICAL TEST)

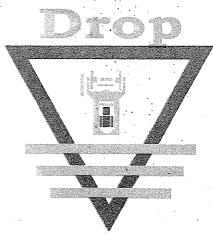
| No. | DESCRIPCION (DESCRIPTION) | CANTIDAD (QUANTITY) | No. COLADA (HEAT) | MATERIAL ASTM | % C | % Mn | % Si | % S | % P | % Cr | % Ni | % Mo |
|-----|---------------------------------|------------------------|----------------------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | TEE SW DE 3/4" 6000# ASTM A-105 | 2 | H2462 | A-105 | 0.180 | 0.650 | 0.260 | 0.003 | 0.011 | 0.070 | 0.034 | 0.012 |
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PROPIEDADES MECANICAS
(MECHANICAL TEST)

| No. | No. COLADA (HEAT) | LIMITE ELASTICO (YIELD STRENGTH) | RESISTENCIA A LA TENSION (TENSILE STRENGTH) | ELONGACION (ELONGATION %) | REDUCCION DE AREA (REDUCTION AREA %) | DUREZA (HARDNESS) | SEL DROP (SIGNATURE) |
|-----|----------------------|-------------------------------------|--|------------------------------|---|----------------------|-------------------------|
| 1 | H2462 | 48 KSI | 70KSI | 40% | 60% | 137 BHN | |
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Drop Forja S.A. de C.V.
 FIRMA CONTROL DE CALIDAD
 DROP FORJA S.A. DE C.V. (NATUR)
 AV. APOLINAR MENDOZA 24
 COL. SAN JOSÉ DEL JARAL
 ATIZAPÁN DE MEXICO
 C.P. 52924 Tels.: 58-87-58-70
 58-87-58-49 Fax: 58-87-43-18
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 o dropforja@hotmail.com

ORIGINAL



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CERTIFICADO DE CALIDAD (QUALITY CERTIFICATE)

FOLIO
7104

FECHA (DATE)
18-Mar-09

Forja s. A. de C. V.

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FACTURA (INVOICE)
No 5767

CLIENTE (CUSTOMER) **PLESA ANAHUA Y CIAS S.A. DE C.V.**

PEDIDO (PURCHASE ORDER)
O.C. 6048

AV. VALLE DE LAS ALAMEDAS No. 66-O COL. SAN FRANCISCO CHILPAN TULTITLAN EDO. DE MEXICO CP. 54940

ANALISIS QUIMICO
(CHEMICAL TEST)

| No. | DESCRIPCION (DESCRIPTION) | CANTIDAD (QUANTITY) | No. COLADA (HEAT) | MATERIAL ASTM | % C | % Mn | % Si | % S | % P | % Cr | % Ni | % Mo |
|-----|---------------------------------------|------------------------|----------------------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | CODO 90° x 1" 6000# SW ASTM A-105 | 14 | CR4 102 B | A-105 | 0.180 | 0.810 | 0.210 | 0.039 | 0.007 | 0.800 | 0.080 | 0.018 |
| 2 | CODO 90° x 1-1/2" 6000# SW ASTM A-105 | 15 | 58592 | A-105 | 0.160 | 0.730 | 0.260 | 0.014 | 0.01 | 0.090 | 0.070 | 0.021 |
| 3 | CODO 90° x 2" 6000# SW ASTM A-105 | 4 | CHP | A-105 | 0.991 | 0.240 | 0.020 | 0.019 | 0.048 | 0.054 | 0.051 | 0.030 |
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PROPIEDADES MECANICAS
(MECHANICAL TEST)

| No. | No. COLADA (HEAT) | LIMITE ELASTICO (YIELD STRENGTH) | RESISTENCIA A LA TENSION (TENSILE STRENGTH) | ELONGACION (ELONGATION %) | REDUCCION DE AREA (REDUCTION AREA %) | DUREZA (HARDNESS) | SELLO DE AUTENTICIDAD (CERTIFICATE STAMP) |
|-----|----------------------|-------------------------------------|--|------------------------------|---|----------------------|--|
| 1 | CR4 102 B | 48 KSI | 70KSI | 27% | 47% | 131 HBN | |
| 2 | 58592 | 75 KSI | 80 KSI | 35% | 50% | 131 HBN | |
| 3 | CHP | 339 N/mm2 | 517 N/mm2 | 31% | 55% | 152 HB | |
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| 8 | | | | | | | |

FIRMA CONTROL DE CALIDAD
(QUALITY CONTROL SIGNATURE)
 DROP FORJA S.A. DE C.V.
 AV. APOLINAR MENDOZA 24
 COL. SAN JOSE DEL JARAL
 ATIZAPAN DE MEXICO
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