

ArcelorMittal Gipuzkoa, S.L.U.
 Long Carbon Europe
 CARRETERA MADRID - IRUN, KM. 419
 20212 OLABERRIA (Gipuzcoa)
 TELEF. (943) 80.50.00 - FAX (943) 88.04.04



MILL TEST CERTIFICATE

OLA P-40165

| | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------|-----------------|
| DISCHARGE ADDRESS | | CUSTOMER | |
| Plesa Anahuac Y Cias, S.A. de C.V. Av. Valle de las Alamedas 66-0 Col. S. Francisco Chilpan, Tul MEXICO | | Plesa Anahuac Y Cias, S.A. de C.V. Av. Valle de las Alamedas 66-0 Col. S. Francisco Chilpan, Tul MEXICO | |
| SHIPPED AND CERTIFIED BY | | CREDIT NUMBER | PORT OF LOADING |
| ARCELORMITTAL OLABERRIA CARRETERA MADRID - IRUN, KM. 419 20212 OLABERRIA (Gipuzcoa) TELEF. (943) 80.50.00 - FAX (943) 88.04.04 | | | PASAJES, SPAIN |
| | | PORT OF DISCHARGE | VESSEL |
| | | VERACRUZ | AMERICABORG |
| OUR REFERENCE | CONTRACT NUMBER | ORDER NUMBER | DATE |
| mcabello | 01-E-47336 / 1700018278 | 18029 | 28/05/2014 |

Material: WF Vigas,

El exportador de los productos incluidos en el presente documento,
 Autorización aduanera no.
 ARCELORMITTAL GIPUZKOA, S.L.U. ES/20/0040/03
 Declara que, salvo indicación en sentido contrario, estos
 productos gozan de un origen preferencial ESPAÑA

| SIZE | LENGTH | BUNDLES | PIECES BUNDLES | TOTAL PIECES | WEIGHT BUNDLES | TOTAL WEIGHT | HEAT |
|----------------|--------|---------|----------------|--------------|----------------|--------------|-----------------------------------------------|
| + / RED | | | | | | | |
| WF BEAMS 12x45 | 40' | 12 | 6 | 72 | 4899 | 58.788 | 151342,151343,151344, 151345 |
| WF BEAMS 12x50 | 40' | 17 | 4 | 68 | 3629 | 61.693 | 151339 |
| WF BEAMS 16x26 | 40' | 18 | 7 | 126 | 3302 | 59.436 | 151207,151208,151210, 151212 |
| WF BEAMS 16x50 | 40' | 9 | 5 | 45 | 4536 | 40.824 | 151183,151184 |
| WF BEAMS 16x57 | 40' | 6 | 5 | 30 | 5171 | 31.026 | 151180 |
| WF BEAMS 24x76 | 40' | 10 | 3 | 30 | 4137 | 41.370 | 151186,151187,151188, 151196,151199,151203 |

TOTAL BUNDLES **72** TOTAL WEIGHT **293.137 Kg.**

| COLADA HEAT | COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%) | | | | | | | | | | | | | |
|----------------|-----------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| | C | Mn | Si | P | S | V | Cr | Ni | Mo | Cu | Nb | Sn | Al | CEV |
| 151180 | .113 | .770 | .170 | .025 | .023 | .045 | .160 | .160 | .027 | .430 | .003 | .030 | .001 | .33 |
| 151183 | .091 | .740 | .170 | .018 | .020 | .046 | .140 | .190 | .034 | .440 | .003 | .029 | .001 | .30 |
| 151184 | .117 | .720 | .220 | .023 | .025 | .044 | .190 | .200 | .035 | .390 | .003 | .027 | .003 | .33 |
| 151188 | .072 | .740 | .180 | .022 | .019 | .047 | .170 | .190 | .035 | .490 | .003 | .035 | .002 | .29 |
| 151196 | .088 | .760 | .160 | .016 | .024 | .048 | .140 | .190 | .034 | .330 | .003 | .028 | .001 | .29 |
| 151199 | .104 | .760 | .190 | .017 | .024 | .042 | .120 | .190 | .030 | .330 | .003 | .029 | .003 | .30 |
| 151207 | .104 | .740 | .180 | .022 | .021 | .044 | .170 | .200 | .031 | .410 | .003 | .028 | .003 | .32 |

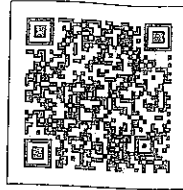
001
 ArcelorMittal Gipuzkoa, S.L.U.

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| COLADA HEAT | COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%) | | | | | | | | | | | | | | | | |
|----------------|-----------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-----|--|--|--|
| | C | Mn | Si | P | S | V | Cr | Ni | Mo | Cu | Nb | Sn | Al | CEV | | | |
| 151208 | .082 | .700 | .170 | .021 | .021 | .045 | .140 | .190 | .032 | .380 | .003 | .028 | .004 | .28 | | | |
| 151210 | .096 | .700 | .160 | .034 | .021 | .044 | .340 | .330 | .059 | .370 | .003 | .030 | .004 | .35 | | | |
| 151212 | .094 | .730 | .190 | .021 | .019 | .045 | .210 | .200 | .043 | .430 | .003 | .028 | .004 | .32 | | | |
| 151339 | .086 | .750 | .200 | .023 | .020 | .046 | .200 | .210 | .041 | .340 | .003 | .061 | .003 | .31 | | | |
| 151342 | .094 | .740 | .170 | .027 | .020 | .044 | .270 | .210 | .055 | .330 | .003 | .027 | .002 | .33 | | | |
| 151343 | .121 | .710 | .190 | .020 | .022 | .041 | .220 | .200 | .053 | .320 | .003 | .025 | .003 | .34 | | | |
| 151344 | .095 | .750 | .180 | .022 | .023 | .045 | .210 | .190 | .048 | .370 | .003 | .023 | .003 | .32 | | | |
| 151345 | .110 | .710 | .210 | .021 | .022 | .047 | .200 | .220 | .054 | .330 | .003 | .025 | .003 | .33 | | | |

| MATERIAL SIZE | COLADA HEAT | PROPIEDADES MECANICAS MECHANICAL PROPERTIES | | | | | |
|------------------|----------------|------------------------------------------------|-----|-----------|-----|-------------|------|
| | | ReH MPa | | Rm MPa | | A% LO=8" | |
| | | G11 | G12 | G12 | G13 | | |
| W-12x45 | 151342 | 407 | 405 | 530 | 514 | 22,3 | 21,9 |
| W-12x45 | 151343 | 399 | 392 | 526 | 514 | 22,7 | 22, |
| W-12x45 | 151344 | 386 | 380 | 513 | 495 | 22,6 | 21,9 |
| W-12x45 | 151345 | 398 | 382 | 521 | 503 | 22,1 | 22,1 |
| W-12x50 | 151339 | 383 | 372 | 504 | 483 | 23,5 | 22,8 |
| W-16x26 | 151207 | 449 | 399 | 529 | 538 | 23,3 | 23,4 |
| W-16x26 | 151208 | 420 | 459 | 550 | 535 | 21,8 | 22,4 |
| W-16x26 | 151210 | 401 | 391 | 503 | 485 | 22,4 | 22,1 |
| W-16x26 | 151212 | 381 | 368 | 531 | 515 | 22,1 | 21,7 |
| W-16x50 | 151183 | 381 | 373 | 511 | 498 | 23,1 | 22,6 |
| W-16x50 | 151184 | 395 | 381 | 523 | 513 | 22,9 | 22,9 |
| W-16x57 | 151180 | 383 | 375 | 513 | 504 | 24,1 | 23,4 |
| W-24x76 | 151188 | 389 | 385 | 510 | 490 | 23,9 | 23,2 |
| W-24x76 | 151196 | 370 | 368 | 490 | 494 | 26,9 | 25,9 |
| W-24x76 | 151199 | 384 | 374 | 511 | 493 | 24,2 | 23,3 |

15 análisis

D01: Certificamos que los aceros arriba indicados han sido satisfactoriamente probados de acuerdo con la especificación.

B06: Marca AMO

Z01

Lorenzo Zabala