

AARTI STEELS LIMITED

Registered Office: G.T.Road, Miller Ganj, Ludhiana.

Works: Facal Point, LUDHIANA - 141010. (INDIA)

'Phone no.: - 0161-3006200 Fax: - 0161-3006250

MANUFACTURER'S OF: - CARBON ALLOYS & SPECIAL STEELS

-: TEST CERTIFICATE: -



-: Original :-

| | | | | | | 1 | m C 1 | NIO 6 | 352 | Date | -: 23/ | 11/2017 | 19:00:03 | |
|--|-----------------------------|----------|--------------------|------------|-------------|-------------|-----------------------|--|---------------------------------------|--------------|-----------------|-------------|----------------------------|--|
| PI | RGE IN OT.NO. ARWANOO | 60,SE | | JIMITEL |). | | Invo | T.C.NO. 6352 Date -: 23/11/2017 19:00:03 Invoice No. 8426 Truck No. HR68B-7488 | | | | | | |
| RADE | SIZE | HEAT | NO. | MANUFAC | CTURINO | ROUT | E C | OLOUR | CODE | SUPPLY | CONDN. | QTY. | NO. OF PCS. | |
| MNCR5 6 | 55 RCS | 1235 | E | .A.F.+L.F. | +V.D.+CCM+i | evs | YELL | YELLOW AS ROLLED 8.130 47 | | | | | 47 | |
| | | | -: C! | HEMICA | L CÓMPO | OSITIO | ON IN | PERCE | NTAGE | :- | | | | |
| 1 | c l i | Mn S | P | Si | Ni | Cr | Mo | v | Al (| Cu Sn | Ti | В С | a | |
| Min | 0.1700 1 | | | 0.1500 |) | 1.0000 | 1 | | | - - | 1 | - | - | |
| | | | 0350 0.035 | | | 1.3000 | | [| | | | | - | |
| | | | | | | | | 0,0033 | 0.0290 | 0.0090 0.003 | 1 0.0030 | 0.0004 0.0 | 0005 | |
| ctual | 0.1960 1 | 2000[0. | 0200 0.013 | 0,2130 | | | ICAL R | | | | | | | |
| | | | | | | | | -0- | | .Grain | | Gas | Content | |
| INCLUSION RATING IS: 4163/JK CHART/AST | | | | | | | | | ize | 7 | 1 | (ppm) | | |
| | A | | В | 3 | С | С | | D | | M No. | | | | |
| | Т | Н | Т | H | Т. | Н | T | H | De | carb. | 0.11 | 02 | 15 | |
| STD MAX | 2.0 | 1.0 | 2.0 | 1.0 | 2.0 | 1.0 | 2.0 | 1.0 | | (MM) | | - N2 | 86 | |
| ACTUAL | 1.5 | 0.5 | 0.5 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | | cro- | P+F | Н2 | .932 | |
| | | TAT. PR | OPERTII CONDIT: | ES (ASTI | M A-370 | /IS-1 T) | 608) | | MACRO | ט | LTRASON TEST | IC MI | X UP TES | |
| | U.T. | | | | Impact | | Hardness B.H.N./Rb | | BETTER THAN C2,R2,S2 MAX LEVEL AS PER | |) % DONE OK | | SPARK TEST 100% DONE OK | |
| Reqd. | - | | | | _ | | 240 MAX | | PLATE Ist OF ASTM-E-381 | | | | | |
| Actual | - | - l | - | - | - | | 167- | -174 | | | | | | |
| | | | | | | | | | | : 3848 : | | | | |
| Distan | ce J | 1/16 | J2/16 | J3/16 | J4/1 | 6 J5 | /16 J | 76/16 | J7/16 | J8/16 | J9/16 | J10/1 | 6 Ј12/16 | |
| Requir | | | | 1-3 | -01 | - | 1- | | 1- |]- |]- |]- | - | |
| Actual | | | - | - | 40 | - | -30 | | - | | - | l= | - | |
| 1100001 | | | 1 | • | | | | | | | 147 | SATISFACTOR | | |

Julan