



10694 0001 PELLUS MANUFACTURING  
 7045 INDUSTRIAL DRIVE  
 BOX 208  
 COMBER (ON) N0P 1J0

ATTENTION : Bernie Dupuis

FAX : (519) 687-6337

**MILL TEST CERTIFICATE**



P.O. BOX 322, L'ORIGINAL, ONTARIO, CANADA K0B 1K0  
 TEL: (613) 675-4671 FAX: (613) 675-6866



Lab Code 200143-0

|                         |                          |                       |                          |               |                   |                            |                        |   |               |                      |
|-------------------------|--------------------------|-----------------------|--------------------------|---------------|-------------------|----------------------------|------------------------|---|---------------|----------------------|
| P.O. Number<br>PEL3-035 | Order Number<br>20020567 | Heat Number<br>A92229 | Customer Spec.<br>1010IQ | Spec Rev. No. | Customer Part No. | Date Rolled<br>24-Apr-2008 | Billet Order<br>263646 | Date Chemical Analysis Performed<br>13-Apr-2008 | Grade<br>1010 | Diameter<br>10.50 mm |
|-------------------------|--------------------------|-----------------------|--------------------------|---------------|-------------------|----------------------------|------------------------|---|---------------|----------------------|

**Heat Analysis**

|            | C   | Mn  | P    | S    | Si  | Cu  | Ni  | Cr   | Mo   | Sn   | Al   | N     | B     | V    |
|------------|-----|-----|------|------|-----|-----|-----|------|------|------|------|-------|-------|------|
| Spec. Min* | .08 | .30 |      |      |     |     |     |      |      |      |      |       |       |      |
| Actual     | .10 | .36 | .018 | .024 | .20 | .24 | .10 | .170 | .021 | .027 | .004 | .0066 | .0000 | .000 |
| Spec. Max* | .13 | .60 | .040 | .050 |     |     |     |      |      |      |      |       |       |      |

This is to certify that heat number A92229 is in conformance with the required specifications.

Heat analysis obtained by test methods ASTM E415 and ASTM E1019.

\*Minimum and maximum refer to the required customer specification.  
 This is to certify that the material is in conformance with the required specifications.  
 Radioactive emissions are at background levels.

APPROVED BY :

Supervisor, Chemistry Laboratory and Billet Inspection

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ISSUED BY QUALITY ASSURANCE :

Date: 28 Apr 2008

Specification Clerk