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**ROCKWELL TEST BLOCK**

**LONG FORM CERTIFICATE OF CALIBRATION**

The WESTport Standards Laboratory certifies that the calibration results recorded on this certificate are true and correct. This test block has been manufactured and standardized by WESTport (OEM) in accordance with ASTM standard E18-08b which scales are maintained traceable to NIST and/or WESTport hardness values. This test block was calibrated on a verified laboratory standard tester with load and depth measuring devices traceable to NIST. NQA Accreditation certification # 11027/1; ACLASS Accreditation certification # AC-1298. **ALL WESTport Corporation "C" Scale Rockwell Test blocks are NIST TRACEABLE** and manufactured using NIST block serial numbers 95N63088, 95N45120, and 95N25078.

- NIST LAB No. 822.07/253553 NIST LAB No. 143676 Lab Enviro: 75°F +/- 5°F
- Equipment: Model United Tru-Blue II/10; Serial No. 281604

**Certification \ Serial No.** 08R1488 **Technician:** *Pablo Luyando*  
**Calibration Date:** 7/24/2008

**CERTIFIED HARDNESS READINGS**

<b>HARDNESS</b>	<b>Dwell Preliminary Force:</b> 3 Sec.
31.30	<b>Dwell Total Force:</b> 5 Sec.
31.30	<b>Elastic Recovery:</b> 4 Sec.
31.20	<b>Force KGF:</b> 150
31.30	
31.30	
<b>MEAN HARDNESS: HR C</b> 31.28 +/- 1.0	
Expanded uncertainty 0.38 (based on confidence level of not less than 95% with coverage factor of K=2.)	

\*use this hardness test block to verify the operation of a hardness tester in accordance with the current ASTM E18.

This certificate and its reported results relate only to the serial numbered items listed.



**This certificate may not be reproduced except in full.  
 ISO 17025, ISO 9001, & ISO 6508**