

# INSTEEL WIRE PRODUCTS

Wilmington, Delaware

DISCRETE JOB # 330389

This is to certify that the manufacturing processes for the reinforcement material described below occurred in the United States of America and was made in accordance with and conforms to the following specifications:

ASTM -A 82      Tensile & Bend Tests  
ASTM -A 185      Weld Shear Tests

Conf. Number: **330388**

Lot Number: **330389**

Sales Order Number: \_\_\_\_\_

Item

Number: 552-036908

Product Style: 6X6 D4/D4 (.225/.225) .080 IR 96" (+) X 15' (+)  
PKG 50

## TENSILE TESTS

| WIRE SIZES   |            | Test No. | Pounds / Foot<br>*Deformed Wire Only* |         | WIRE DIA.<br>(Inches) | ACTUAL AREA<br>(Sq. In.) | TENSILE POUNDS/<br>SQ. IN. | ROA % | YIELD STRENGTH<br>P.S.I. |
|--------------|------------|----------|---------------------------------------|---------|-----------------------|--------------------------|----------------------------|-------|--------------------------|
| Longitudinal | Transverse |          | Actual                                | Nominal |                       |                          |                            |       |                          |
| D4           | XXXXXXX    | 1        | 0.129919                              | 0.136   | 0.226                 | 0.04011                  | 101084                     | 53%   |                          |
| D4           | XXXXXXX    | 2        | 0.1295                                | 0.136   | 0.225                 | 0.03976                  | 112674                     | 53%   |                          |
| XXXXXXX      | D4         | 1        | 0.12821                               | 0.136   | 0.226                 | 0.04011                  | 102455                     | 53%   |                          |
| XXXXXXX      | D4         | 2        | 0.129588                              | 0.136   | 0.226                 | 0.04011                  | 110183                     | 53%   |                          |

ALL WIRES LISTED ABOVE MEET A.S.T.M. A-82 OR A-496 BEND TEST REQUIREMENTS

## WELD SHEAR TESTS

WIRE SIZES:   D4   /   D4  

| Test Number                   | 1    | 2    | 3    | 4    |
|-------------------------------|------|------|------|------|
| Break Load<br>(Lbs. Of Force) | 1958 | 2830 | 2320 | 2340 |

MINIMUM BREAK LOAD REQUIRED   1400   LBS. OF FORCE

Date: 12/02/2009

Quality Assurance  
Insteel Wire Products

  
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J.S. BROWN