



Testing. Advising. Assuring.

## TEST REPORT

Jining Xunda Pipe Coating Materials Co., Ltd.  
Ershilipu Industry Park, Rengcheng District  
Jining, Shandong, China

DATE: June 12, 2012  
LAB NO: 9566rvF1  
QUOTE NO: 11-340-06831RV1  
PAYMENT: Wire Transfer

### DESCRIPTION OF SAMPLE

Two (2) samples identified as: Jining Xunda Pipe Coating Materials

- 1) Inner-layer Tape T-150 – 20 mil
- 2) Outer-layer Tape T-176 – 30 mil

Ten (10) steel panels  
Primer

### WORK REQUESTED

Testing for American Water Works Association ANSI/AWWA C214-07 for:

#### Table 2 - Inner Layer Tape

- |    |           |   |
|----|-----------|---|
| 1) | 5.3.1     | Width   |
| 2) | 5.3.2     | Thickness   |
| 3) | 5.3.3     | Adhesion to Steel per ASTM D1000 with 24 hour dwell time        |
| 4) | 5.3.4     | Water Absorption per ASTM D570 – Modified for tape              |
| 5) | 5.3.5     | Water Vapor Transmission per ASTM E96, Method B (Subcontracted) |
| 6) | 5.3.8 & 9 | Tensile Strength & Elongation per ASTM D1000                    |
| 7) | 5.3.12 -  | Nonpolyolefinic material content per ASTM D4218                 |

#### Table 3 - Outer Layer Tape

- |     |           |   |
|-----|-----------|---|
| 8)  | 5.3.1     | Width   |
| 9)  | 5.3.2     | Thickness   |
| 10) | 5.3.3     | Adhesion to Inner Layer Tape per ASTM D1000 with 24 hour dwell time |
| 11) | 5.3.8 & 9 | Tensile Strength & Elongation per ASTM D1000                        |
| 12) | 5.3.12    | Nonpolyolefinic Material Content per ASTM D4218                     |

#### Table 4 - Total System

- |     |        |   |
|-----|--------|---|
| 13) | 5.3.1  | Thickness   |
| 14) | 5.3.10 | Impact Resistance per ASTM G14 (Subcontracted to Exova Houston)               |
| 15) | 5.3.11 | Penetration/Deformation Resistance per ASTM G17 (Subcontracted Exova Houston) |

Jining Xunda Pipe Coating Materials Co., Ltd.  
Date: 6/12/12

Report # 9566  
Page 1 of 9