

# nVent LENTON Terminator D6 - Independent Test Data

## ASTM<sup>®</sup> A615 Grade 60

| Part Number | Independent Lab Test Report Number | Rebar |      | Independent Test Result |                              | IBC <sup>®</sup> and ACI <sup>®</sup> 318 TYPE 1 |  | IBC and ACI 318 TYPE 2 |  |                   |
|-------------|------------------------------------|-------|------|-------------------------|------------------------------|--|--|------------------------|--|-------------------|
|             |                                    | Size  |      | Area (in <sup>2</sup> ) | Actual Stress Achieved (psi) | % fy   | Required Stress 125% x Specified Yield (125% x 60,000) psi | TYPE 1 Pass/ Fail      | Required Stress Specified Tensile (90,000) psi | TYPE 2 Pass/ Fail |
|             |                                    | in-lb | [mm] |                         |                              |  |  |                        |  |                   |
| EL12D6      | TJ6525                             | 4     | [12] | 0.20                    | 99,335                       | 166%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL12D6      | TJ6526                             | 4     | [12] | 0.20                    | 99,995                       | 167%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL12D6      | TJ6527                             | 4     | [12] | 0.20                    | 102,595                      | 171%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL16D6      | TJ6368                             | 5     | [16] | 0.31                    | 107,577                      | 179%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL16D6      | TJ6369                             | 5     | [16] | 0.31                    | 103,174                      | 172%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL16D6      | TJ6370                             | 5     | [16] | 0.31                    | 104,381                      | 174%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL20D6      | TJ6653                             | 6     | [20] | 0.44                    | 105,300                      | 176%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL20D6      | TJ6654                             | 6     | [20] | 0.44                    | 107,327                      | 179%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL20D6      | TJ6655                             | 6     | [20] | 0.44                    | 109,055                      | 182%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL22D6      | TJ6511                             | 7     | [22] | 0.60                    | 108,703                      | 181%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL22D6      | TJ6512                             | 7     | [22] | 0.60                    | 108,650                      | 181%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL22D6      | TJ6513                             | 7     | [22] | 0.60                    | 112,285                      | 187%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL25D6      | TJ6501                             | 8     | [25] | 0.79                    | 105,014                      | 175%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL25D6      | TJ6502                             | 8     | [25] | 0.79                    | 104,790                      | 175%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL25D6      | TJ6503                             | 8     | [25] | 0.79                    | 105,781                      | 176%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL28D6      | TJ6925                             | 9     | [28] | 1.00                    | 105,655                      | 176%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL28D6      | TJ6926                             | 9     | [28] | 1.00                    | 102,165                      | 170%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL28D6      | TJ6927                             | 9     | [28] | 1.00                    | 103,568                      | 173%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL32D6      | TJ6463                             | 10    | [32] | 1.27                    | 102,357                      | 171%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL32D6      | TJ6464                             | 10    | [32] | 1.27                    | 102,293                      | 170%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL32D6      | TJ6465                             | 10    | [32] | 1.27                    | 99,021                       | 165%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL36D6      | TH6478                             | 11    | [36] | 1.56                    | 99,610                       | 166%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL36D6      | TH6479                             | 11    | [36] | 1.56                    | 100,774                      | 168%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL36D6      | TH6480                             | 11    | [36] | 1.56                    | 97,646                       | 163%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL43TD6     | TJ6491                             | 14    | [43] | 2.25                    | 104,648                      | 174%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL43TD6     | TJ6492                             | 14    | [43] | 2.25                    | 104,980                      | 175%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL43TD6     | TJ6493                             | 14    | [43] | 2.25                    | 104,368                      | 174%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL57TD6     | TJ6980                             | 18    | [57] | 4.00                    | 100,584                      | 168%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL57TD6     | TJ6981                             | 18    | [57] | 4.00                    | 98,125                       | 164%   | 75,000   | Pass                   | 90,000   | Pass              |
| EL57TD6     | TJ6982                             | 18    | [57] | 4.00                    | 100,804                      | 168%   | 75,000   | Pass                   | 90,000   | Pass              |

**Table is a summary of STORK HERRON Independent Laboratory (now known as ELEMENT MATERIALS TECHNOLOGY) tests. Test reports are available upon request.**

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**WARNING:**

- nVent products shall be installed and used only as indicated in nVent product instruction sheets and training materials. Instruction sheets are available at [www.nVent.com](http://www.nVent.com) and from your nVent customer service representative.
- nVent products must never be used for a purpose other than the purpose for which they were designed or in a manner that exceeds specified load ratings.
- All instructions must be completely followed to ensure proper and safe installation and performance.
- Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and/or death, and void your warranty.

**The customer is responsible for:**

- Conformance to all governing codes.
- The integrity of structures to which the products are attached, including their capability of safely accepting the loads imposed, as evaluated by a qualified engineer.
- Using appropriate industry standard hardware as noted above.

**SAFETY INSTRUCTIONS:**


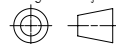
All governing codes and regulations and those required by the job site must be observed. Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

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|   |             |   |         |            |   |     |    |         |       |
|---|-------------|---|---------|------------|---|-----|----|---------|-------|
| D   | REBRANDING  | 1014907   | 29APR19 | JLC        | MNB   | ADM | -  | -       |       |
| REV   | DESCRIPTION | ESN #   | DATE    | DRN        | CHK   | APP | QA | MFG     |       |
| Tolerance (Inch) Unless Noted<br>Angular Tolerance: ±°<br>Fractional Tolerance: ±<br>Two Place Decimal: ±<br>Three Place Decimal: ± |             |  |         |            | Third Angle Projection<br> |     |    |         |       |
| Tolerance [mm] Unless Noted<br>Angular Tolerance: ±°<br>One Place Decimal: ±<br>Two Place Decimal: ±                                |             | Title: LENTON TERMINATOR D6 -<br>INDEPENDENT TEST DATA<br>ASTM A615 GRADE 60          |         |            |   |     |    |         |       |
| B Size  |             | SHT 1 Of 1  |         | Scale None |   | DWG |    | CRSELD6 | REV D |

