

Evans Metal Products

REV: May 8, 2018

Pre-Installation Verification Test Report

Date: _____

Wrench Model: _____

Skidmore No.: MZ19075

Skidmore Calibration Date: 12/16/2017

(See calibration record for verification)

Bolt Grade to be tested: A325 A490

Bolt Size: _____ Black Galvanized Dacromet

Lot No.: _____ Nut lot number: _____

F436 FW: _____ F436 Wide FW: _____

Required Tension: _____

Sample #	Bolt Tension =
Sample #1	Bolt Tension =
Sample #2	Bolt Tension =
Sample #3	Bolt Tension =

Inspector _____ Date _____

Test was Successful and Accepted
 Unsuccessful and thus Rejected

Habits

1. Make sure that the size of the plates are correct.
2. If bolts longer than 2"¹/₂ are tested, use additional plates
3. NEVER use any impact tools when tightening.
4. Discard all bolts after testing

Nominal Bolt Diameter <i>d</i> inches	Pre-Installation Verification, Kips *	
	ASTM A325 and F1852	ASTM A490 and F2280
1/2"	13	16
5/8"	20	25
3/4"	29	37
7/8"	41	51
1"	54	67
1 1/8"	59	84
1 1/4"	75	107
1 3/8"	89	127
1 1/2"	108	155

* Equal into 1.05 times the specified minimum bolt pretension required in Table 8.1 to the nearest kip.

Process of Testing

- A. Pull 3 samples
- B. Install in Skidmore
- C. Snug to "0"
- D. Mark 1/3 turn on plate and nut = 120 degrees
- E. Using wrench turn 120 degrees.
- F. Record tension