

Report Date: 09/27/2019

Document: **CRRT-CX544-09272019**

### 1.0 Introduction

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#### 1.1 PURPOSE

Test the retention of the coupling ring to the barrel on part number MSW-CX544 for a minimum of 20 ft/lb.

#### 1.5 QUALITY ASSURANCE

Test equipment utilized has been calibrated to the latest applicable ANSI standards and traceable to the National Institute for Standards and Technology.

#### 1.6 FAILURE

Failure is defined as coupling disengagement occurring before reaching the 20 ft/lb test requirement.

#### 1.7 TEST PERFORMED BY

Test Performed By: Tim Small

### 2.0 Testing Setup

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#### 2.1 REQUIREMENT

Exert pull pressure on coupling ring of MSW-CX544 connector up to 20 ft/lbs.

#### 2.2 EQUIPMENT

AMETEK, HUNTER SPRING SERIES D MECHANICAL FORCE GAGE, CALIBRATION 01/08/2019  
NEXT CALIBRATION 01/08/2020

#### 2.3 SETUP

Per photos included.

#### 2.4 PROCEDURE

Per photos included.

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### 3.0 Results

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#### 3.1 RESULTS OF TESTING

Coupling Ring withstood 20 ft.lbs pressure for 5 minutes showing no signs of degradation.

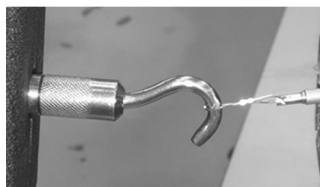
#### 3.2 ACCEPTANCE

Product has:

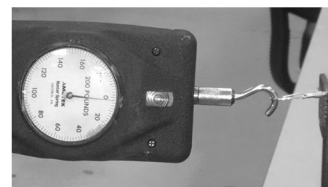
# PASSED



CALIBRATION



SET UP



START



20 FT/LBS