

NAVSEA  
STANDARD ITEM

FY-19 CH-2

ITEM NO: 009-83  
DATE: 26 MARCH 2018  
CATEGORY: II

1. SCOPE:

1.1 Title: Wire Rope Assembly; Fabricate

2. REFERENCES:

2.1 S9086-UU-STM-010/CH-613, Wire and Fiber Rope and Rigging

3. REQUIREMENTS:

3.1 Comply with the following specifications when procuring wire rope fittings.

3.1.1 SOCKETS - RR-S-550

3.1.2 FIEGE-TYPE - MIL-S-21433

3.1.3 SWAGE SLEEVES - Commercial, supplied by the same manufacturer as the swaging machine

3.1.4 THIMBLES - FF-T-276 Type 3 only

3.1.5 SHACKLES - RR-C-271

3.1.6 BLOCKS - MIL-B-24141

3.2 Comply with the following specification when procuring wire rope.

3.2.1 WIRE ROPE AND STRAND - RR-W-410

3.3 Fabricate wire rope assemblies from the materials specified in 3.1 in accordance with the assembly and testing requirements of 2.1.

3.4 Submit one legible copy, in **hard copy** or approved transferrable media, of **a report listing the certification and testing of each wire rope to the SUPERVISOR. The report shall list the following information:**

**3.4.1 Certification from each manufacturer stating that the wire rope and all components listed in 3.1.1 through 3.1.6 comply with the requirements and specifications listed in 3.1 and 3.2.**

**3.4.2 Wire Rope testing results in accordance with 2.1.**

**3.4.3 Certification documentation of qualified assembly personnel in accordance with 2.1 if required.**

3.5 Verify each fitting is legibly marked with manufacturer's name or trademark and size.

3.5.1 Shackles and blocks shall also be marked with safe working load.

3.5.2 Thimbles are not required to be marked.

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4. NOTES:

4.1 None.