

NAVSEA  
STANDARD ITEM

FY-19

ITEM NO: 009-83  
DATE: 18 NOV 2016  
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 approved transferrable media, to the SUPERVISOR of certification from each manufacturer that states 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.

3.5 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.

3.6 In addition to the certifications of 3.4, submit one legible copy, in approved transferrable media, of testing results in accordance with 2.1. Provide certification documentation of qualified assembly personnel in accordance with 2.1 if required.

4. NOTES:

4.1 None.