



DEPARTMENT OF THE NAVY

PUGET SOUND NAVAL SHIPYARD
1400 FARRAGUT AVENUE
BREMERTON, WASHINGTON 98314-5001

9505

IN REPLY REFER TO:

Ser 260LCM/159

NOV 21 1996

From: Commander, Puget Sound Naval Shipyard
To: Commander, Defense Supply Center Columbus (MEA)
Commander, Naval Sea Logistics Center (N44), Mechanicsburg

Subj: **HYDRASEARCH HOSE FITTINGS; NON-MIL-SPEC APPROVAL**

Ref: (a) Hydrasearch Co., Inc. ltr of 04 Apr 96

Encl: (1) Hydrasearch Co., Inc. Drawing D19140, HS1488 Drawings for Acceptance of
02 Apr 96

1. Reference (a) requested approval of HS1488 style hose fittings as detailed on enclosure (1). These fittings have the same nipple and socket configuration (interface with hose) as those recently approved under MIL-F-24787 Group VIII, however, they are made from alternate materials (bronze and stainless steel) and thus, do not fall under the requirements of MIL-F-24787. Hydrasearch considers these fittings equivalent to Aeroquip fittings which are referred to on enclosure (1). The equivalent Aeroquip fittings are stocked under specific National Stock Numbers (NSN).


2. To support the acceptability of HS1488 fittings for use on hose supplied by Aeroquip, Hydrasearch performed proof, aging and burst tests to the requirements of MIL-F-24787. Fittings were tested on the following Aeroquip hoses:

FC234-08	1540-8	FC300-32
FC300-08	2651-8	2651-32

Test reports have been reviewed and all tests are considered to have been satisfactorily completed.

3. Puget Sound Naval Shipyard, the Naval Sea Systems Command Life Cycle Manager for hose fittings, considers Hydrasearch hose fittings shown on enclosure (1) to be equivalent to the Aeroquip hose fittings referred to on enclosure (1). Request addressees add Hydrasearch to the appropriate NSNs as an approved supplier.

4. Technical point of contact is Mr. Harry Hibler, Code 260.4, DSN 439-1961 or Commercial (360) 476-1961.


L. DOWNEY
By direction

Copy to: (w/o encl)

NAVSEA (SEA 03L34)

Headquarters, Naval Sea Systems Command, Stennisville, MD