



DEPARTMENT OF THE NAVY  
NAVAL SURFACE WARFARE CENTER  
CARDEROCK DIVISION

NAVAL SHIP SYSTEMS  
ENGINEERING STATION  
5001 S. BROAD STREET  
PHILADELPHIA, PA 19112-1403

IN REPLY REFER TO

9503

Ser 9232/006

16 Feb 2005

SIMS Pump and Valve Co., Inc.  
Attn: Mr. John Kozel (President)  
1314 Park Avenue  
Hoboken, NJ 07030

Dear Mr. Kozel:

Subj: REVIEW OF SIMS 3X2X6 COMPOSITE PUMP SHOCK TEST RESULTS

SIMS Pump and Valve Company has conducted shock testing in accordance with MIL-S-901D (Military Standards Specification Shock Tests, High Impact; Shipboard Machinery, Equipment and Systems Requirements for Grade A, Class I) and MIL--STD-167-1 (Military Standard Machinery Vibrations of Shipboard Equipment, Type I).

SIMS provided Noise Unlimited Laboratories, Inc; test report No.10005.1 of 29 December 2003 which details the shock and vibration testing performed on the SIMS model Navy Standard Composite pump 3x2x6 with a Mil-M-17060E 20 H.P. Reliance Electric motor. Tested pump was rated at 300 GPM @ 140 Feet of Head at 3570 RPM.

Carderock Division, Naval Surface Warfare Center (NSWCCD-SSES) Code 9232 was requested by SIMS Pump and Valve Company, to review Noise Unlimited shock and vibration test report 10005.1 of 29 December 2003 and found the results presented pertaining to the subject pump satisfied MIL-S-901D and MIL-STD-167-1 requirements. The shock test report was reviewed by NSWCCD-SSES Code 623 and was approved via Memorandum Ser 623/062.D2083 of 07 December 2004.

NSWCCD-SSES concludes that the SIMS composite pump with composite foundation is technically acceptable for use on all Navy ship systems where a pump meeting military Grade A shock and vibration specifications is required and falls within the guidelines set forth by NAVSEA Drawing 7014778 (Commercial/Marine Composite Standard Pumps)

This letter does not authorize any change in terms, conditions, delivery schedule, price or amount of any existing government contract. Inquires concerning this matter should be directed to Bob Coceano, NSWCCD-SSES Code 9232, Commercial (215) 897-7949.

Sincerely,

J. C. Hill  
By direction

Copy to:  
NAVSEA Washington DC (Code 05N, 05M3, 05L3)