

## STANDARDIZATION OF HOSE AND PUMP THREADS

A. Enabling Act

None

B. Policy

All new and existing hose and pumping equipment will conform to the standard Forest Management Division specifications.

C. Explanation

It is essential that all hose and pumps maintained for fire control be interchangeable without the use of special adapters. To maintain an efficient, effective fire control function, it is imperative that all water pumping equipment and hoses conform to standard coupling specifications. This will reduce time and result in efficient water transport on a state-wide basis.

D. Procedure

All new hose purchased and used by the division will conform to the specification in this policy. Districts will assure that any hose on hand and/or obtained through other means are made to conform to the specifications, either by rethreading or attaching necessary converting connectors.

It must be recognized that many fire departments have hose standards, other than those adopted by the the department, and any interchange of equipment or hose must take this into consideration. Adapters may be available or can be made, if necessary, to work with other departments under those circumstances where such would be desirable.

Intake and discharge hose from 6" to 2 1/2" inclusive:

6"	NSFH - 4	TPI - 7.025 O.D.M.
5"	NSFH - 4	TPI - 6.260 O.D.M.
4 1/2"	NSFH - 4	TPI - 5.761 O.D.M.
4	NSFH - 4	TPI - 5.011 O.D.M.
3 1/2"	NSFH - 6	TPI - 4.244 O.D.M.
3	NSFH - 6	TPI - 3.624 O.D.M.
2 1/2"	NSFH - 7 1/2	TPI - 3.069 O.D.M.

Intake and discharge hose from 2" to 1" inclusive:

2"	NSIP - 11 1/2	TPI - 2.353 O.D.M.
1 1/2"	NSIP - 11 1/2	TPI - 1.879 O.D.M.
1 1/4"	NSIP - 11 1/2	TPI - 1.640 O.D.M.
1"	NSIP - 11 1/2	TPI - 1.295 O.D.M.

Intake and discharge hose under 1" should be furnished with National Garden Hose couplings:

3/4" N.H. - 11 1/2 TPI - 1.063 O.D.M.

All pumps should be furnished with National Tapered Iron Thread, inlets and outlets, of a size appropriate for the pump design and capabilities. Adapters from pump to hose sizes indicated above should be included with the pump. Any exceptions to hose thread or pump thread specifications shown here should be reviewed prior to purchase or use.

This document paid for with State funds

Approved

*Robert J. Compeau*

Robert J. Compeau (date)  
Deputy Director