



ANSI/HI Pump Standards Library

World's Most Comprehensive and Respected Standards for Pumps and Pumping Systems

Make more informed decisions regarding pump selection and the design and operation of reliable pumping systems for greater performance optimization using the ANSI/HI Pump Standards Library as your guide. Accepted throughout North America and applied worldwide, ANSI/HI Pump Standards are widely referenced in other standards such as those by API, AWWA and ANSI B73. Ideal guide for those who specify, select, design, test, install or operate pumps or pumping systems.



An Invaluable Business Asset

More than just a reference, the ANSI/HI Pump Standards Library can help you:

- Eliminate miscommunications with manufacturers, purchasers and/or users
- Select, purchase and test the proper pump for a specific application
- Increase pump and systems reliability and efficiency
- Accurately determine pump performance
- Standardize training
- Reduce life cycle and design costs

Definitive Source on Various Pump Topics

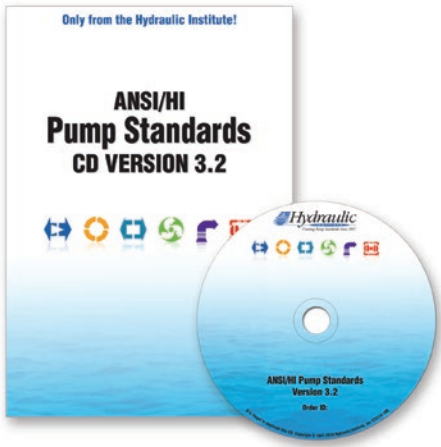
Use the ANSI/HI Pump Standards to access HI test standards, definitions, industry terminology, design, applications, installation as well as operation and maintenance guidelines on these pump categories:

- Centrifugal Pumps
- Vertical Pumps
- Centrifugal/Vertical General Guidelines
- Rotary Pumps
- Reciprocating Pumps

Developed by Industry Experts

ANSI/HI Pump Standards are developed collaboratively by recognized industry experts, each possessing extensive knowledge on a particular aspect of pumps and/or pumping technology.

Since 1917, The Hydraulic Institute (HI) has served a leading role in the creation of these pump standards, developed under guidelines established by the American National Standards Institute (ANSI).



Value-Added CD Features

- Hypertext Links from indices connect you to a specific Standard/Section/Page. Simply click and jump directly to the information you need, search the Master Index to reference a topic within the Standards.
- Annotations can be made for future reference.
- Print a page or an entire section of a Standard.
- **A True Value: ONLY \$1,450**
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- Low cost upgrades keep your Standards current with new/updated editions.

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Web Subscriptions

Gain instant online access to the latest versions of ANSI/HI Pump Standards anytime, anywhere for you and your team. Choose from eight different subscription packages:

● Package 1	Rotodynamic Centrifugal Pumps
● Package 2	Rotodynamic Vertical Pumps
● Package 3	Rotodynamic Vertical & Centrifugal Pumps
● Package 4	Positive Displacement Pumps
● Package 5	Rotodynamic Centrifugal) & Positive Displacement Pumps
● Package 6	Rotodynamic Vertical & Positive Displacement Pumps
● Package 7	Complete Set of all ANSI/HI Pump Standards (Web Subscription only)
● Package 8	Complete Set of all ANSI/HI Pump Standards (Web Subscription and Hardcopy)

Multiple users may access ANSI/HI Pump Standards simultaneously, based on the number of purchased “seats”. Once you purchase an HI Web Subscription, your selected package is immediately available for download. ANSI/HI Pump Standards are always current, with content outlined in searchable, easy-to-read Adobe® PDF documents.

ANSI/HI Pump Standards support the worldwide needs of:

- Pump Users
- Engineering Consulting Firms
- Pump Consultants
- Pump OEMs
- Pump Supplier OEMs
- Pump Systems Integrators
- Government Agencies
- Corporate and Academic Libraries

ANSI/HI Pump Standards by Web Subscription Package Details

ANSI/HI No.	Title	Package							
		1	2	3	4	5	6	7	8
1.1 – 1.2	Rotodynamic Centrifugal Pumps for Nomenclature & Definitions	●		●		●		●	●
1.3	Rotodynamic Centrifugal Pumps for Design & Application	●		●		●		●	●
1.4	Rotodynamic Centrifugal Pumps for Manuals Describing Installation, Operation & Maintenance	●		●		●		●	●
2.1-2.2	Rotodynamic Vertical Pumps of Radial, Mixed, & Axial Flow Types for Nomenclature & Definitions		●	●			●	●	●
2.3	Rotodynamic Vertical Pumps of Radial, Mixed, and Axial Flow Types for Design & Application		●	●			●	●	●
2.4	Rotodynamic Vertical Pumps for Manuals Describing Installation, Operation & Maintenance		●	●			●	●	●
3.1-3.5	NEW FOR 2015 Rotary Pumps for Nomenclature, Definitions, Application & Operation				●	●	●	●	●
3.6	Rotary Pump Tests				●	●	●	●	●
4.1-4.6	Sealless Magnetically Driven Rotary Pumps for Nomenclature, Definitions, Application, Operation & Test				●	●	●	●	●
5.1-5.6	Sealless Rotodynamic Pumps for Nomenclature, Definitions, Application, Operation & Test	●		●		●		●	●
6.1-6.5	NEW FOR 2015 Reciprocating Power Pumps for Nomenclature, Definitions, Application & Operation				●	●	●	●	●
6.6	NEW FOR 2015 Reciprocating Pump Tests				●	●	●	●	●
7.1-7.5	Controlled-Volume Metering Pumps for Nomenclature, Definitions, Application and Operation				●	●	●	●	●
7.6	Controlled Volume Metering Pumps for Test				●	●	●	●	●
8.1-8.5	NEW FOR 2015 Direct Acting (Steam) Pumps for Nomenclature, Definitions, Application & Operation				●	●	●	●	●
9.1-9.5	NEW FOR 2015 Pumps—General Guidelines for Types, Definitions, Application, Sound, Measurement and Decontamination	●	●	●		●	●	●	●
9.6.1	Rotodynamic Pumps—Guideline for NPSH Margin	●	●	●		●	●	●	●
9.6.2	NEW FOR 2015 Rotodynamic Pumps for Assessment of Applied Nozzle Loads	●	●	●		●	●	●	●
9.6.3	Rotodynamic Pumps—Guideline for Allowable Operating Region	●	●	●		●	●	●	●
9.6.4	Rotodynamic Pumps for Vibration Measurement and Allowable Values	●	●	●		●	●	●	●
9.6.5	Rotodynamic Pumps—Guideline for Condition Monitoring	●	●	●		●	●	●	●
9.6.7	NEW FOR 2015 Effects of Liquid Viscosity on Rotodynamic Pump Performance	●	●	●		●	●	●	●
9.6.8	Rotodynamic Pumps—Guidelines for Dynamics of Pumping Machinery	●	●	●		●	●	●	●
9.6.9	Rotary Pumps—Guidelines for Condition Monitoring				●	●	●	●	●
9.8	Rotodynamic Pumps for Pump Intake Design	●	●	●		●	●	●	●
10.1-10.5	Air Operated Pumps for Nomenclature, Definitions, Application and Operation				●	●	●	●	●
10.6	Air Operated Pump Tests	●	●	●		●	●	●	●
11.6	Rotodynamic Submersible Pumps for Hydraulic Performance, Hydrostatic Pressure, Mechanical, and Electrical Acceptance Tests	●	●	●		●		●	●
12.1-12.6	Rotodynamic (Centrifugal) Slurry Pumps for Nomenclature, Definitions, Applications, and Operation	●		●		●		●	●
14.6	Rotodynamic Pumps for Hydraulic Performance Acceptance Tests	●	●	●		●	●	●	●
20.3	NEW FOR 2015 Rotodynamic Pump Efficiency Prediction	●	●	●		●	●	●	●
40.6	Methods for Rotodynamic Pump Efficiency Testing	●	●	●		●	●	●	●
50.7	Electronic Data Exchange for Pumping Equipment	●	●	●	●	●	●	●	●

Anticipated Early 2016 ANSI/HI Pump Standard Releases

The Hydraulic Institute anticipates the release of the following () updated or new standards in late 2015 and early 2016. To keep your ANSI/HI Pump Standards Library current, maintain an HI Web Subscription, or purchase the annual CD updates...supplemented by PDF or hard copy standards as released.

- Rotary Pump Tests
(ANSI/HI 3.6–2016)
- Air-Operated Pumps
(ANSI/HI 10.1-10.5–2016)
- Air-Operated Pump Tests
(ANSI/HI 10.6–2016)

Recently Released ANSI/HI Pump Standards (as of July 2015)

- Reciprocating Pumps
(ANSI/HI 6.1–6.5–2015)
- Reciprocating Pump Tests
(ANSI/HI 6.6–2015)
- Direct Acting Pumps
(8.1-8.5–2015)
- Pumps - General Guidelines
(9.1-9.5–2015)
- Rotodynamic Pumps for Assessment
of Applied Nozzle loads
(ANSI/HI 9.6.2–2015)
- Rotodynamic Pumps — Guidelines for
Dynamics of Pumping Machinery
(ANSI/HI 9.6.8–2014)

To ensure you are using only the most up-to-date standards, continue to add recently published ANSI/HI Pump Standards to your technical library.

Four Formats Suit Different Needs

Standards are available in four alternative formats:

Hardcopy: Printed copies of ANSI/HI Pump Standards are offered on specific topics (outlined above) or as a complete five binder set. Save nearly \$600 when purchasing the complete hardcopy set! As standards are updated, archive previous versions for historical reference.

Adobe® PDF: Download standards from the HI e-Store for immediate access on your computer. An electronic index provides for easy navigation and search capabilities. Ideal for single users.

CD: Perfect for use in the office or the field, CDs contain the most current information on a full set of ANSI/HI Pump Standards (30+) at time of release. Save \$2,000 when buying the most current CD versus purchasing all standards individually. HI's single user license supports two installations. Annual upgrade opportunities keep users current with the latest release of ANSI/HI Pump Standards.

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