



American National Standard for

Rotodynamic Centrifugal Pumps

for Manuals Describing Installation,
Operation, and Maintenance

ANSI/HI 1.4-2014



6 Campus Drive
First Floor North
Parsippany, New Jersey
07054-4406
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American National Standard

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Contents

Page

Foreword	vii
1.4 Manuals describing installation, operation, and maintenance	1
1.4.1 Introduction	1
1.4.2 Scope	1
1.4.3 Standard outline for IOM manuals	1
Appendix A Installation, operation, and maintenance manual reference information	4
A.1 Introduction and safety	4
A.1.1 Marking and approvals	4
A.1.2 Safety	4
A.2 Transport and storage	12
A.2.1 Transport and handling requirements	12
A.2.2 Rigging and lifting	12
A.2.3 Receipt, inspection, and damage reporting	12
A.2.4 Unpacking	13
A.2.5 Storage	13
A.2.6 Disposal of packaging materials	15
A.3 Product description	15
A.3.1 Configuration	15
A.3.2 Nomenclature	15
A.3.3 Auxiliaries (driver, shafting, etc.)	15
A.3.4 Support systems	15
A.4 Installation	15
A.4.1 Factory support requirements	15
A.4.2 Location	16
A.4.3 Foundation	16
A.4.4 Rigging and lifting	16
A.4.5 Baseplate	17
A.4.6 Piping and connections	18
A.4.7 Clearance setting	21
A.4.8 Alignment	21
A.4.9 Lubrication, priming, and cooling systems	25
A.4.10 Electrical	25
A.4.11 Control, monitoring, and alarm equipment	25

A.5	Commissioning, start-up, operation, and shut-down.	27
A.5.1	Lubrication	27
A.5.2	Rotation.	27
A.5.3	Guarding	27
A.5.4	Start-up considerations.	27
A.5.5	Start-up, operation, and shut-down.	29
A.6	Maintenance	31
A.6.1	Schedule.	31
A.6.2	Recommended spare parts for pumping units	33
A.6.3	Consumables	33
A.6.4	Required tools and fixtures	33
A.6.5	Fastener torques, rotation direction, and sequence	34
A.6.6	Pump decontamination	34
A.6.7	Disassembly	34
A.6.8	Inspection	34
A.6.9	Assembly	35
A.6.10	Auxiliary equipment.	35
A.7	Troubleshooting guide	35
A.7.1	Hydraulic performance	35
A.7.2	Mechanical	37
A.7.3	Electrical	38
A.8	Cross-sectional drawings	38
A.9	Certifications	39
Appendix B	Index	40
Figures		
A.1 —	Identification plate	15
A.2 —	Typical foundation bolt design	17
A.3 —	Discharge valve expansion joint	20
A.4 —	Checking angular alignment	22
A.5 —	Checking parallel alignment	23
A.6 —	Dial indicator method of alignment	23
A.7 —	Alignment of gear-type coupling	24
A.8 —	Alignment of spacer-type couplings	24
A.9 —	Reverse runaway speed versus specific speed when head equals pump head at BEP.	26
A.10 —	Instrument locations	38

Foreword (Not part of Standard)

Scope

The purpose and aims of the Institute are to promote the continued growth of pump knowledge for the interest of pump manufacturers and to further the interests of the public in such matters as are involved in manufacturing, engineering, distribution, safety, transportation and other problems of the industry, and to this end, among other things:

- a) To develop and publish standards for pumps;
- b) To collect and disseminate information of value to its members and to the public;
- c) To appear for its members before governmental departments and agencies and other bodies in regard to matters affecting the industry;
- d) To increase the amount and to improve the quality of pump service to the public;
- e) To support educational and research activities;
- f) To promote the business interests of its members but not to engage in business of the kind ordinarily carried on for profit or to perform particular services for its members or individual persons as distinguished from activities to improve the business conditions and lawful interests of all of its members.

Purpose of Standards

- 1) Hydraulic Institute Standards are adopted in the public interest and are designed to help eliminate misunderstandings between the manufacturer, the purchaser, and/or the user and to assist the purchaser in selecting and obtaining the proper product for a particular need.
- 2) Use of Hydraulic Institute Standards is completely voluntary. Existence of Hydraulic Institute Standards does not in any respect preclude a member from manufacturing or selling products not conforming to the Standards.

Definition of a Standard of the Hydraulic Institute

Quoting from Article XV, Standards, of the By-Laws of the Institute, Section B:

“An Institute Standard defines the product, material, process or procedure with reference to one or more of the following: nomenclature, composition, construction, dimensions, tolerances, safety, operating characteristics, performance, quality, rating, testing and service for which designed.”

Comments from users

Comments from users of this standard will be appreciated to help the Hydraulic Institute prepare even more useful future editions. Questions arising from the content of this standard may be sent to the Technical Director of the Hydraulic Institute. The inquiry will then be directed to the appropriate technical committee for provision of a suitable answer.

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The Standards of the Hydraulic Institute are subject to constant review, and revisions are undertaken whenever it is found necessary because of new developments and progress in the art. If no revisions are made for five years, the standards are reaffirmed using the ANSI canvass procedure.