

The following erratum presents the corrections and revision of ANSI/HI 9.8 Standard for Rotodynamic Pumps for Pump Intake Design, approved on December 4, 2012. An erratum is issued to change and revise any editorial corrections or errors introduced during the publishing process of an existing published Hydraulic Institute standard/guideline.

Please note that this document is released with the acknowledgement and consideration of all other previous revisions made since the last publication of the standard.

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<http://www.pumps.org/standardsupdates.aspx>

A single strike through of text indicates deletion, while a single underline indicated an addition. For formulas, figures and graphics, a dashed, gray line will be placed over the original reproduced object. The new or updated object will be presented in the same manner as it should appear in the standard.

<u>Page</u>	<u>Change</u>
8	9.8.2.2.1 General This portion of the standard applies to formed suction intakes (FSI). The standard uses an FSI adapted from the "TYPE 10" design developed by the US Army Corps of Engineers (ETL No. 110-2-327) (<u>ETL No. 1110-2-327</u>). The formed suction intake may eliminate the need for the design of sumps with approach channels and appurtenances to provide satisfactory flow to a pump. The recommended FSI design is relatively insensitive to the direction of approach flow and skewed velocity distribution at its entrance. In applying the FSI design, consideration should be given to the head loss in the FSI that will affect to some extent the system curve calculations, and the NPSH available to the pump impeller, typically located near the FSI exit.
80	C.4.2 Approach pipes These tabular data can be altered for other gradients, n values, and sequent depths by using the program, <i>Approach</i> , freely available from the Internet at www.coe.montana.edu/ce/joelc/wetwell/ <u>www.pumps.org/IntakeDesign</u> .
83	C.5 Design examples Tables C.1 and C.2 can be modified to other flows, pipeline gradients, or roughnesses by means of the Web site www.coe.montana.edu/ce/joelc/wetwell/ <u>www.pumps.org/IntakeDesign</u> .
110	Appendix L References Section 9.8.2 Dicmas, John L., <i>Vertical Turbine, Mixed Flow and Propeller Pumps</i> , McGraw-HillBook Company. U.S. Army Corps of Engineers (ETL No. 110-2-327) (<u>ETL No. 1110-2-327</u>).
110	Appendix L References Section 9.8.3 www.coe.montana.edu/ce/joelc/wetwell/ <u>www.pumps.org/IntakeDesign</u> .
111	Appendix L References Appendix D www.coe.montana.edu/ce/joelc/wetwell/ <u>www.pumps.org/IntakeDesign</u> .