

Kansas Administrative Regulations

Kansas Department of Agriculture— Division of Water Resources

Article 1.—Definitions

5-1-9. Criteria to determine when a water flowmeter is out of compliance.

(a) Each water flowmeter to which any of the following applies shall be considered to be out of compliance:

(1) The water flowmeter registers less than 94 percent or more than 106 percent of the actual volume of water passing the water flowmeter, as determined by a field test conducted or approved by the chief engineer, if necessary;

(2) a seal placed on the water flowmeter by the manufacturer, the manufacturer's authorized representative, or the chief engineer has been broken without the prior approval of the manufacturer, an authorized representative of the manufacturer, or the chief engineer, or has not been re-sealed after being broken;

(3) the water flowmeter's totalizer value has been reset or altered without prior approval from the chief engineer;

(4) the water flowmeter register is not visible or is unreadable for any reason;

(5) there is not full pipe flow through the water flowmeter;

(6) the water flowmeter's measuring chamber with flow-straightening vanes has not been installed as specified in K.A.R. 5-1-4;

(7) the water flowmeter is not calibrated for the actual inside diameter of the pipe in which the flowmeter is installed;

(8) the water flowmeter is not installed in accordance with the manufacturer's installation specifications;

(9) the water flowmeter is installed at a location where the water flowmeter does not measure all of the water diverted from the source of supply or the water flowmeter is measuring other discharge, including tailwater and sewage effluent, or is not installed to ensure that each beneficial use of water is measured by a separate water flowmeter;

(10) the water flowmeter is not the proper size or does not have a normal operating range sufficient to accurately measure the water flow passing the water flowmeter under normal operating conditions;

(11) the battery of a battery-operated water flowmeter does not have a sufficient charge to operate the water flowmeter;

(12) the water flowmeter does not clearly indicate the model number and serial number of the water flowmeter and the direction of water flow;

(13) the water flowmeter is a saddle water flowmeter or an insertion water flowmeter and does not clearly indicate the inside diameter of the measuring chamber for which it is calibrated;

(14) the water flowmeter's measuring chamber has been modified in a way that could alter the accuracy of the water flowmeter;

(15) the water flowmeter does not meet the requirements specified in the document titled "certified water flowmeters," as is adopted by reference in K.A.R. 5-1-12; or

(16) the water flowmeter does not meet the requirements specified in K.A.R. 5-1-4 or K.A.R. 5-1-6 or the chief engineer determines, based on the operation or condition of the water flowmeter, that the water flowmeter is otherwise out of compliance or is imminently likely to become non-compliant.

(b) A water flowmeter installed in the diversion works or a distribution system for a water right authorized for municipal use shall not be subject to the requirements specified in paragraph (a)(2) if an accurate record of water use can be determined by readings from at least one alternate water flowmeter in the same diversion works or distribution system, except that a seal put in place by the chief engineer shall remain subject to the requirements specified in paragraph (a)(2).

(Authorized by K.S.A. 82a-706a; implementing K.S.A. 82a-706a and K.S.A. 82a-706c; effective Sept. 22, 2000; amended Oct. 24, 2003; amended May 21, 2010; amended Aug. 14, 2026.)

***** Authenticated Kansas Administrative Regulation *****