

Des Moines, Iowa Cross-Connection Control Program

Standard for Determining Degree of Hazard

The Degree of Hazard of a facility shall be determined by evaluating the plumbing systems of the facility and the type of water usage.

A facility with one or more high hazard cross connections shall be considered high hazard.

A facility with no high hazard cross connections and one or more low hazard cross connections shall be considered low hazard.

In order for a facility to be classified as a lower hazard than assigned by Des Moines Water Works, the customer must supply survey documentation prepared by a plumber or engineer experienced in all applicable codes related to cross-connection control and plumbing systems. This information must be confirmed through a field inspection by DMWW.

Definitions:

Cross-Connection

Any actual or potential connection or arrangement, physical or otherwise, between a potable water supply system and any plumbing fixture or tank, receptacle, equipment, or device, through which may make it possible for non-potable, used, unclean, polluted, contaminated water, or other substance, to enter any part of such potable water system under any condition.

High Hazard Cross-Connection

A high hazard cross-connection is a cross-connection which may alter the quality of the potable water by creating an actual hazard to the public health, through poisoning or through the spread of disease by sewage, industrial fluids, or waste.

Low Hazard Cross-Connection

A low hazard cross-connection is a cross-connection which may alter the quality of potable water to a degree which does not create a hazard to the public health, but which does adversely and unreasonably affect the aesthetic qualities of such potable waters for domestic use.