Currently, Hawaii has no regulation related to water reuse. However, the Department of Health published “Guidelines for the Treatment and Use of Recycled Water” in 2002.

<table>
<thead>
<tr>
<th>Water Reuse</th>
<th>Air Emission</th>
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| * Guidelines for the Treatment and Use of Recycled Water, III, B  
(Uses For R-2 Water)  
2. R-2 Water is suitable for, from a public health standpoint, the purposes cited under R-3 Water in these guidelines and shall be restricted to the following purposes:  
d. Use in an industrial process that does not generate mist, does not involve facial contact with recycled water, and does not involve incorporation into food or drink for humans or contact with anything that will contact food or drink for humans; |
| * Guidelines for the Treatment and Use of Recycled Water, III, C  
(Uses For R-1 Water)  
2. R-1 Water is suitable for, from a public health standpoint, the purposes cited under R-2 Water, and R-3 Water in these guidelines and shall be restricted to the following purposes:  
j. Industrial cooling in a system that does not have a cooling tower, evaporative condenser, or other feature that emits vapor or droplets to the open atmosphere or to air to be passed into a building or other enclosure occupied by person;  
k. Supply for addition to a cooling system or air conditioning system with a cooling tower, evaporative condenser, or other feature that emits vapor or droplets to the open atmosphere or to air to be passed into a building or other enclosure occupied by a person, when all of the following shall occur:  
(1) A high efficiency drift reducer is used and the system is maintained to avoid greater rate of generation of drift than that with which a high efficiency drift reducer is associated;  
(2) A continuous biocide residual, sufficient to prevent bacterial population from exceeding 10,000 per milliliter, is maintained in circulating water; and  
(3) The system is inspected by an operator, capable of determining compliance with this subdivision, at least once per day;  
l. In the absence of one or more of the three conditions in paragraph "k" above, it is suitable for addition to such a cooling or air conditioning system when the purveyor of R-2 Water uses has demonstrated to the satisfaction of DOH that the probability of intestinal infection with virus will not exceed 1 in 10,000 under the specific conditions of use and that growth of Legionella will be controlled to avoid a concentration that could pose a significant hazard to health; |
| Note:  
R-1 Water: Significant reduction in viral and bacterial pathogens  
R-2 Water: Disinfected secondary-23 recycled water, which means secondary treatment with disinfection to achieve a median fecal coliform limit of 23 per 100 ml based on the last seven days for which analyses have been completed  
R-3 Water: Undisinfected secondary recycled water |
| * Guidelines for the Treatment and Use of Recycled Water, III, C  
(Uses For R-1 Water)  
2, k, (1), (2), and (3) |