

<u>WATER</u> <u>Type of Treatment Process</u>	<u>Minimum # of Certified Operators available including one Certified Operator at the appropriate level per Shift</u>				
	25 to 500	501 to 5,000	5,001 to 10,000	10,001 to 20,000	20,000+
<u>Filtration (sand, gravity)</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>3</u>
<u>Coagulation, sedimentation, filtration</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>3</u>
<u>Chemical precipitation (Mn, Fe, softening)</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>3</u>
<u>Aeration</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>3</u>
<u>Odor and taste control (activated carbon)</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>3</u>
<u>Chemical addition (stabilization)</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>3</u>
<u>Pressure filtration</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>3</u>
<u>Ion exchange (softening, defluoridation)</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>3</u>
<u>Chlorination</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>3</u>
<u>Fluoridation</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>3</u>
<u>Arsenic removal</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>3</u>
<u>Radionuclide removal</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>3</u>
<u>Special, such as desalination</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>3</u>
<u>Production, ground water only</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>3</u>

<u>WATER</u> <u>Type of Distribution Systems</u>	<u>Minimum # of Certified Operators available Including one Certified Operator certified at the appropriate level per shift</u>				
	25 to 500	501 to 5,000	5,001 to 10,000	10,001 to 20,000	20,000+
<u>Distribution of treated surface water</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>Distribution of chlorinated groundwater</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>Distribution of unchlorinated groundwater</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>

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Minimum Number of Certified Operator Needed
 July 2006
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<u>WASTEWATER</u> <u>Type of Treatment Process</u>	<u>Minimum # of Certified Operators available Including one Certified Operator certified at the appropriate level per shift</u>				
	<u>25 to 500</u>	<u>501 to 5,000</u>	<u>5,001 to 10,000</u>	<u>10,001 to 20,000</u>	<u>20,000+</u>
<u>Raw wastewater lagoons</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>Aerated lagoons</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>2</u>
<u>Primary treatment</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>2</u>
<u>Primary treatment and oxidation ponds</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>2</u>
<u>Secondary treatment, trickling filter</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>3</u>
<u>Secondary treatment, aeration</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>3</u>
<u>Physical-chemical treatment processes</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>3</u>
<u>Advanced waste treatment process</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>3</u>
<u>Phosphorous and nitrogen removal</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>3</u>

<u>Wastewater Collections</u> <u>Population Served</u>	<u>Minimum # of Certified Operators available Including one Cetified Operator Certified at the appropriate level per shift</u>				
	<u>25 to 500</u>	<u>501 to 5,000</u>	<u>5,001 to 10,000</u>	<u>10,001 to 20,000</u>	<u>20,000+</u>
<u>Gravity Flow</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>Vacum System</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>