

# WATER SIDE SYSTEM REQUIREMENTS

(Part 2 of 3) MECH-2C

|               |       |
|---------------|-------|
| PROJECT NAME: | DATE: |
|---------------|-------|

|  |                      | <i>WATER<sup>2</sup> SIDE SYSTEMS: Chillers, Towers, Boilers, Hydronic Loops</i> |  |  |  |  |
|--|----------------------|--|--|--|--|--|
| Item or System Tags<br>(i.e. AC-1, RTU-1, HP-1, CT-1, etc...)¹       |                      |  |  |  |  |  |
| No. of Systems   |                      |  |  |  |  |  |
| <i>Indicate Page Reference on Plans or Specification<sup>2</sup></i> |                      |  |  |  |  |  |
| <b>MANDATORY MEASURES</b>  | <i>T-24 Sections</i> |  |  |  |  |  |
| Equipment Efficiency   | 112(a)               |  |  |  |  |  |
| Pipe Insulation  | 123                  |  |  |  |  |  |
| <b>PRESCRIPTIVE MEASURES</b>   |                      |  |  |  |  |  |
| Cooling Tower Fan Controls   | 144(h)               |  |  |  |  |  |
| Cooling Tower Flow Controls  | 144(h)               |  |  |  |  |  |
| Variable Flow System Design  | 144(j)               |  |  |  |  |  |
| Chiller and Boiler Isolation   | 144(j)               |  |  |  |  |  |
| CHW and HHW Reset Controls   | 144(j)               |  |  |  |  |  |
| WLHP Isolation Valves  | 144(j)               |  |  |  |  |  |
| VSD on CHW, CW & WLHP Pumps >5HP                                     | 144(j)               |  |  |  |  |  |
| DP Sensor Location   | 144(j)               |  |  |  |  |  |

1. The Proposed equipment need to match the building plans schedule or specifications. If a requirement is not applicable, put "N/A" in the column next to applicable section.  
 2. For each chiller, cooling tower, boiler, and hydronic loop (or groups of similar equipment) fill in the reference to sheet number and/or specification section and paragraph number where the required features are documented. If a requirement is not applicable, put "N/A" in the column next to applicable section.