

SECTION 23 21 23

HYDRONIC PUMPS

This document is intended to note the Owners Design Requirements (ODR) for the titled specification section. Design professional to review and integrate ODR into the project's technical specifications. This ODR document should not be viewed as a standalone technical specification.

PART 1 - GENERAL REQUIREMENTS

- ◆ Spare Parts
 - Furnish one spare seal and casing gasket for each pump to user agency.

PART 2 - PRODUCTS AND MATERIALS

- ◆ IN-LINE CENTRIFUGAL PUMPS
 - MANUFACTURERS (or OWNERS Approved equal):
 - Armstrong
 - Taco

PART 3 - EXECUTION

- ◆ INSTALLATION
 - Support piping adjacent to pump such that no weight is carried on pump casings.
 - Decrease from line size at pump connections with suction diffusers where specified, long radius reducing elbows or concentric reducers/increasers in the vertical piping, and eccentric reducers/increasers for horizontal piping. Install eccentric reducers/increasers with the top of the pipe level

END OF SECTION