

WVU DESIGN GUIDELINES & CONSTRUCTION STANDARDS
DIVISION 23 – HEATING, VENTILATION, AND AIR CONDITIONING

SECTION 232213 - STEAM AND CONDENSATE PIPING

PART 1 - GENERAL

- 1.1. Any deviance from the following instructions must be approved during design by WVU Facilities Management project manager.

PART 2 - PRODUCTS

- 2.1. The supply service piping shall be Schedule 40 seamless, ASTM A106, Grade B, carbon steel pipe.
- 2.2. The return service piping shall be Schedule 80 seamless, ASTM A106, Grade B, carbon steel pipe.
- 2.3. All threaded steam and condensate fittings shall be ASME/ANSI B16.3, Class 300, Malleable Iron.

PART 3 - EXECUTION

- 3.1 Steam piping shall slope 1" in 40' and condensate shall slope 1" in 30' in direction of flow.
- 3.2 Steam velocities shall not exceed 10,000 feet/minute.

END OF SECTION 232213