



.1 General Requirements

- .1 Insulation shall be installed by qualified insulation fitters.
- .2 Insulation shall be installed in accordance with the requirements and recommendation of B.C. Insulation Contractors Association Manual.

.2 Campus Heating Mains

- .1 This system may operate with up to 116°C [241°F] water.
- .2 Provide minimum 50mm [2"] thick, mineral fibre insulation on piping (not drains) with vapour barrier jacket and where in trenches or manholes provide a generous coating of water water-proofing sealer.
- .3 Mains valves 65 mm (NPS 2-1/2) and larger shall have bonnets insulated with removable insulation jackets.

.3 Refrigeration Piping (including chilled water)

- .1 Where installed outdoors, provide a continuous aluminum jacket finish (to prevent birds removing the insulation).
- .2 Provide closed-cell insulation and best industry practice to seal surface at all locations including hangers and exposed fittings.

.4 Insulation Finish

- .1 Provide aluminum jacket over all outdoor insulation.
- .2 Provide an all service jacket and pre-fitted PVC jacketed elbows and fittings for all indoor insulated pipe with the exception of:
 - .1 Provide a "Thermocanvas" type finish and pre-fitted PVC jacketed fittings on all piping in mechanical rooms and where exposed to occupant view.