



CI-0702

TAB 7: TECHNICAL DISCIPLINES
Mechanical

ROOM	° C		NOTES
	WINTER MIN.	SUMMER MAX.	
Elevator Mechanical (Passenger and Equipment)	5*	25	HVAC or exhaust fan
Workshop	22*	22	Ventilation
Storage	20	22	Ventilation
Station secondary entrances and tunnels	N/A	N/A	Natural Ventilation
Hydro Vaults	N/A	N/A	per Electrical Authority
Shelters	N/A	N/A	Natural Ventilation/Heating

* Electric heating if required (supplementary) to maintain 18°C winter temperature.

Note 1: High wall, heat pump with hyper heating and low ambient cooling (no night-time set-back).

STATIONS

- > Radiant heating should be considered in new Station buildings on a project by project basis.
- > Otherwise, Heating and Air Conditioning of the waiting area and the service area shall be achieved by one high efficiency, premium quality furnace c/w outdoor condensing unit.
- > The service area will have a VAV box controlled by a thermostat, while the main thermostat should be located in the janitor room and interlocked with the waiting area temperature sensor.
- > Communications room and Electrical room shall have dedicated split Heat Pump A/C unit for each room. Refer to Communications room section for HVAC and ventilation details.