



**.1 Identification**

- .1 When identifying systems and components in existing buildings, the new items shall be numbered sequentially with existing systems.
- .2 The Consultant shall inventory all existing equipment during the design phase and provide FMGT a comprehensive equipment listing with the proposed new labelling scheme for review and approval. Upon approval, equipment labelling requirements shall be clearly specified within the construction documents.

**.2 Labels**

- .1 Provide laminated plastic labels with black face and white centre, 100 mm x 35 mm x 2.5 mm thickness for the following applications:
  - .1 Gauges and Panels engrave with 6 mm high lettering.
  - .2 Equipment and Fume Hoods engrave with 10 mm high lettering.

**.3 Ceiling Access**

- .1 Color Coded Dots:
  - .1 Provide self-adhesive color coded dots 6 mm in diameter to delineate ceiling access..

**.4 Valve Tags**

- .1 Tags shall be 40 mm diameter brass or laminated plastic with 10 mm engraved with sequential numbering.
- .2 Hang with chains from valves.
- .3 Provide a valve tag list.

**.5 Stenciled Letters**

- .1 Black stencilled letters and numbers 25 mm high, to sign painting standards.
- .2 Black stencilled direction arrows shall be 175 mm long by 56 mm wide.

**.6 Duct Work and Access Panels**

- .1 Use the system designators stated on the drawing and specification.
- .2 Duct identification and direction arrows shall be located on all duct runs in Mechanical Rooms and Penthouses. Maximum distance between markings shall be 8 meters.
- .3 Where ducts pass through walls or partitions identify ducts on both sides of the wall beside each access panel.
- .4 Access Panels shall be identified according to function.

**.7 Piping**

- .1 Provide painted or manufactured labels, arrows, bands as required in mechanical and service rooms for easy identification.
- .2 Where pipes pass through walls or partitions identify pipes on both sides of the wall.
- .3 Maximum distance between markings shall be 8 meters where exposed or above ceilings.
- .4 Identify at all access panels.
- .5 Identify at all valves except where otherwise clearly and easily identified.

**.8 Manufacturer's Nameplates**

- .1 Do not paint, insulate or cover manufacturers' name plates or regulatory registration plates on equipment.

