

Part 1 General

1.1 REFERENCES

- .1 OSHA 1910
- .2 NFPA 30
- .3 FM 6050

1.2 SUBMITTALS

- .1 Shop Drawings: Indicate layout, fastening methods, sizes, colour.
- .2 Product Data: Provide data on finish, and installation requirements.

1.3 QUALIFICATIONS

- .1 Installer: Company specializing in performing the work of this section with minimum five (5) years documented experience.

1.4 FIELD MEASUREMENTS

- .1 Verify that field measurements are as instructed by the manufacturer.

Part 2 Products

2.1 SLIP-RESISTANT TAPE

- .1 Treads Safety Tape,
 - .1 Safety Tape: slip-resistant tape, suitable on horizontal installation on painted concrete surface, safety yellow, 50mm (2") wide
 - .2 Quantity: two strips full width of curb.
 - .3 Location: Chemical Storage Room 150.

2.2 GAS CYLINDER RACK

- .1 Wall Mounted Cylinder Restraint
 - .1 Wall Mounted Cylinder Restraint: steel wall mounted bracket complete with built in locking strap, restraint to be mechanically fastened to wall.
 - .1 Acceptable Materials – the above performance criteria is based on Linde, Model 510- Wall.
 - .2 Quantity: see construction plans.
 - .3 Mounting Height: as per manufacturers written instruction for cylinders on site.

2.3 GAS CYLINDER CABINET

- .1 Vented Cylinder Cabinet
 - .1 Two Cylinder Cabinet, 11 gauge cold rolled steel, rubber mat flooring, self closing, self latching doors, lockable, weather resistant white polyurethane paint, 6mm wire reinforced safety glass, diffusion plate for air flow
 - .1 Acceptable Materials – the above performance criteria is based on Linde, Gas Storage Safety Cabinet, Product Number F4002
 - .2 Quantity: one.
 - .3 Location: exterior, see construction plans.

2.4 ACID CABINET (UNDER FUME HOOD)

- .1 Vented Acid Cabinet.
 - .1 450mm width.
 - .2 900mm height.
 - .3 Steel Construction.
 - .4 Epoxy-Coated Steel Shelf.
 - .5 Flush mounting, locking handle.
 - .6 Continuous piano hinge.
 - .7 Leak proof sill.
 - .8 Adjustable leveling legs.
 - .9 Warning labels on doors in both French and English.
 - .10 Acid-Resistant PVC Tray and Mounting Hardware.
 - .11 Colour to be selected from manufacturers standard colour range by Departmental Representative.
 - .12 Quantity: see construction plans.

2.5 BASE CABINET (UNDER FUME HOOD)

- .1 Vented Base Cabinet.
 - .1 450mm width.
 - .2 900mm height.
 - .3 Steel Construction.
 - .4 Epoxy-Coated Steel Shelf.
 - .5 Flush mounting, locking handle.
 - .6 Continuous piano hinge.
 - .7 Leak proof sill.
 - .8 Adjustable leveling legs.
 - .9 Warning labels on doors in both French and English.
 - .10 Colour to be selected from manufacturers standard colour range by Departmental Representative.
 - .11 Quantity: see construction plans.

2.6 SOLVENT CABINETS (UNDER FUME HOOD)

- .1 Non-vented Solvent Cabinet
 - .1 600mm width (for 1525mm wide fume hoods)
 - .2 450mm width (for smaller fume hoods)
 - .3 900mm height.
 - .4 Steel Construction.
 - .5 Epoxy-Coated Steel Shelf.
 - .6 Flush mounting, locking handle.
 - .7 Continuous piano hinge
 - .8 Leak proof sill.
 - .9 Adjustable leveling legs.
 - .10 Warning labels on doors in both French and English.
 - .11 Colour to be selected from manufacturers standard colour range by Departmental Representative.
 - .12 Cabinet to be grounded, see electrical.
 - .13 Quantity: see construction plans.

2.7 NON-VENTED SOLVENT CABINET (ROOM 150)

- .1 Non-Vented Solvent Cabinet
 - .1 900mm width.
 - .2 1800mm height.
 - .3 Steel Construction.
 - .4 Epoxy-Coated Steel Shelf.
 - .5 Flush mounting, locking handle.
 - .6 Continuous piano hinge.
 - .7 Leak proof sill.
 - .8 Adjustable leveling legs.
 - .9 Freestanding unit.
 - .10 Warning labels on doors in both French and English.
 - .11 Cabinet to be grounded, see electrical.
 - .12 Colour to be selected from manufacturers standard colour range by Departmental Representative.
 - .13 Quantity: see construction plans.

Part 3 Execution

3.1 EXAMINATION

- .1 Verify that building conditions and finishes are ready to receive product.

3.2 INSTALLATION

- .1 Install all specialties to manufactures instructions.

- .2 Set level, plumb and square.

END OF SECTION