

1 REFERENCE STANDARDS

- .1 Within the individual specifications Sections, reference standards are identified. Conform to these standards, in whole or part, as specifically specified.
- .2 Conform to latest date of issue of referenced standards in effect on the date of submission of tenders, except where a date of issue is specifically noted.

2 QUALITY

- .1 Products, materials, equipment and articles (referred to as materials or products throughout the specifications) incorporated in the Work shall be new, not damaged or defective, and of the best quality (compatible with the specifications) for the purpose intended. If requested, furnish evidence as to the type, source and quality of materials or products provided.
- .2 Should any dispute arise as to the quality or fitness of materials or products, the decision rests strictly with the Consultant, based upon the requirements of the Contract Documents.

3 PRODUCT AVAILABILITY

- .1 Immediately review material and product delivery requirements and anticipate foreseeable supply delays for any items. Notify the Consultant.
- .2 In the event of failure to notify the Consultant at the commencement of the Work, the Consultant reserves the right to substitute more readily available products of similar character, at no increase in the Contract Sum.

4 TRANSPORTATION AND HANDLING

- .1 Transport and handle materials and products in accordance with the manufacturer's instructions.
- .2 Promptly, upon arrival on site, inspect shipments to ensure that products comply with the requirements, quantities are correct and materials and products are undamaged.
- .3 Handle and store materials and products in a manner which will prevent damage, adulteration, deterioration and soiling and in accordance with the manufacturer's instructions when applicable.

5 STORAGE AND PROTECTION

- .1 Store packaged or bundled materials or products in original and undamaged condition with manufacturer's seal and labels intact. Do not remove from packaging or bundling until required in the Work.
- .2 Store sensitive materials and products in weathertight, climate controlled enclosures, in an environment favourable to the material or product.
- .3 For exterior storage of fabricated products, place on sloped supports, above ground.
- .4 Remove and replace damaged materials and products at own expense and to the Consultant's

satisfaction.

- .5 Provide off-site storage and protection when the site does not permit on-site storage or protection, of products subject to deterioration with impervious sheet covering. Provide ventilation to prevent condensation and degradation of materials and products.
- .6 Store loose granular materials on solid flat surfaces, in a well-drained area. Prevent mixing with foreign matter.
- .7 Provide equipment and personnel to store materials and products by methods to prevent soiling, disfigurement, or damage.
- .8 Arrange storage of materials and products to permit access for inspection. Periodically inspect to verify materials and products are undamaged and are maintained in acceptable condition.

6 MANUFACTURER'S INSTRUCTIONS

- .1 Unless otherwise indicated in the specifications, install or erect materials and products in accordance with the manufacturers' instructions.
- .2 Improper installation or erection of materials and products, due to failure in complying with these requirements, authorizes the Consultant to require removal and re-installation at no increase in the Contract Sum.

7 WORKMANSHIP

- .1 Workmanship shall be the best quality, executed by workers experienced and skilled in the respective duties for which they are employed. Immediately notify the Consultant if required Work is such as to make it impractical to produce the required results.
- .2 Decisions as to the quality or fitness of workmanship in cases of dispute rest solely with the Consultant whose decision is final.

8 CONCEALMENT

- .1 In finished areas, conceal pipes, ducts and wiring in floors, walls and ceilings, except where indicated otherwise.

9 REMEDIAL WORK

- .1 Perform remedial work required to repair or replace the parts or portions of the Work identified as defective or unacceptable. Coordinate adjacent affected Work as required.
- .2 Perform remedial work by specialists familiar with the materials affected. Perform work in a manner which will neither damage nor endanger any portion of the Work.

10 FASTENINGS

- .1 Provide metal fastenings and accessories in the same texture, colour and finish as adjacent materials, unless indicated otherwise.

-
- .2 Prevent electrolytic action between dissimilar metals and materials.
 - .3 Use noncorrosive hot dip galvanized steel fasteners and anchors for securing exterior work, unless stainless steel or other material is specifically specified in the affected specification Section.
 - .4 Space anchors within their individual load limit or shear capacity and ensure they provide positive permanent anchorage. Wood, or any other organic material plugs are not acceptable.
 - .5 Keep exposed fastenings to a minimum, space evenly and install neatly.
 - .6 Fastenings which cause spalling or cracking of material to which anchorage is made are not acceptable.
 - .7 Fastenings - equipment:
 - .1 Use fastenings of standard commercial sizes and patterns with material and finish suitable for service.
 - .2 Use heavy hexagon heads, semi-finished unless otherwise specified. Use No. 304 stainless steel for exterior areas.
 - .3 Bolts may not project more than one diameter beyond nuts.

11 PROTECTION OF WORK IN PROGRESS

- .1 Adequately protect Work completed or in progress. Work damaged or defaced due to failure in providing such protection is to be removed and replaced, or repaired, as directed by the Consultant, at no increase in Contract Sum.

12 EXISTING UTILITIES

- .1 When breaking into or connecting to existing services or utilities, execute Work at times directed by local governing authorities, with a minimum of disturbance to the Work, and/or pedestrian and vehicular traffic.
- .2 Protect, relocate or maintain existing active services. When services are encountered, cap off in a manner approved by the authority having jurisdiction. Stake and record the location of the capped service.

13 PRODUCT OPTIONS

- .1 Products specified by reference standards or by description only: any product meeting those standards or description.
- .2 Products specified by naming one or more manufacturers with substitutions specifically excluded: products of manufacturers named and meeting the specifications; no options or substitutions allowed.
- .3 Products specified by naming one or more manufacturers with no specific exclusion of substitutions: submit a request for substitution for any manufacturer not named, in accordance with Section 01 25 00 "Substitution Procedures".

END OF SECTION