1.0 **GENERAL**

1.1 **SECTION INCLUDES**

1.1.1 Inspection and testing, administrative and enforcement requirements.

1.1.2 Mock-ups.

1.2 **RELATED SECTIONS**

1.2.1 [Section 01 21 00 Allowances](#)

1.2.2 [Section 01 91 00 Commissioning](#)

1.2.3 This section describes requirements applicable to all Sections within **Divisions 01 to 33**.

1.3 **INSPECTION BY AUTHORITY**

1.3.1 Allow Authorities Having Jurisdiction access to Work. If part of Work is in preparation at locations other than Place of Work, allow access to such Work whenever it is in progress.

1.3.2 Give timely notice requesting inspection whenever portions of the Work are designated for special tests, inspections or approvals, either when described in the Contract Documents or when required by law in the Place of the Work.

1.3.3 If Contractor covers or permits to be covered Work that has been designated for special tests, inspections or approvals before such is made, uncover such Work, have inspections or tests satisfactorily completed and make good such Work.

1.3.4 The Contractor shall arrange for all inspections by Provincial authorities including, but not necessarily limited to, the Provincial Electrical Inspector, the Provincial Gas Inspector, the Provincial Elevator Inspector.

1.4 **REVIEW BY CONSULTANT**

1.4.1 **Consultant** may order any part of Work to be reviewed if Work is suspected to be not in accordance with Contract Documents.

1.4.2 If, upon review such work is found not in accordance with Contract Documents, correct such Work and pay cost of additional review and correction.

1.4.3 If such Work is found in accordance with Contract Documents, [Owner] [Consultant] will pay cost of review and replacement.

1.5 **INDEPENDENT INSPECTION AGENCIES**

1.5.1 The **Consultant** (unless otherwise instructed) will make recommendation to the **Owner** on the required Inspection Services, beyond those provided as part of the **Consultant**’s basic services, to assure construction quality and Code compliance. The recommendation will indicate which inspection services will be included in the Construction Contract and which will be performed under a direct contract between the **Owner** and the Testing Agency.

1.5.2 Provide equipment required for executing inspection and testing by appointed agencies.

1.5.3 Employment of inspection and testing agencies does not relax responsibility to perform Work in accordance with Contract Documents.

1.5.4 If defects are revealed during inspection and/or testing, appointed agency will request additional inspection and testing to ascertain full degree of defect. Correct defect and
Irregularities as advised by Consultant at no cost to Owner. Pay costs for retesting and reinspection.

1.6 ACCESS TO WORK

.1 Allow inspection and testing agencies access to Work, off-site manufacturing and fabrication plants.

.2 Co-operate to provide reasonable facilities for such access.

1.7 PROCEDURES

.1 Ensure adherence to the most up to date SFU Quality Control Standard.

.2 For major projects (>2 Million), a Quality Control Program should be submitted by the contractor.

.3 Notify appropriate agency [and Consultant] in advance of requirement for tests, in order that attendance arrangements can be made.

.4 Submit samples and materials required for testing, as specifically requested in specifications. Submit with reasonable promptness and in an orderly sequence so as not to cause delay in Work.

.5 Provide labour and facilities to obtain and handle samples and materials on site. Provide sufficient space to store and cure test samples.

1.8 REJECTED WORK

.1 Remove defective Work, whether result of poor workmanship, use of defective products or damage and whether incorporated in Work or not, which has been rejected by Consultant as failing to conform to Contract Documents. Replace or re-execute in accordance with Contract Documents.

.2 The Consultant and Owner shall have the right to reject any item of work that does not conform to the Contract Documents and accepted standard of performance, quietness of operation, finish, and appearance.

.3 Make good other Contractor’s work damaged by such removals or replacements promptly.

.4 If in opinion of Consultant it is not expedient to correct defective Work or Work not performed in accordance with Contract Documents, Owner may deduct from Contract Price the difference in value between Work performed and that called for by Contract Documents, amount of which shall be determined by Consultant.

1.9 MOCK-UPS

.1 Prepare mock-ups for Work specifically requested in specifications. Include for Work of all Sections required to provide mock-ups.

.2 Construct in all locations [acceptable to Consultant] [as specified in specific Section].

.3 Prepare mock-ups for [Owner’s] [Consultant’s] review with reasonable promptness and in an orderly sequence, so as not to cause any delay in Work.

.4 Failure to prepare mock-ups in ample time is not considered sufficient reason for an extension of Contract Time and no claim for extension by reason of such default will be allowed.
.5 If requested, Consultant will assist in preparing a schedule fixing dates for preparation.

.6 Remove mock-up at conclusion of Work or when acceptable to Consultant.

[OR]

.7 Mock-ups may remain as part of Work.

.8 Specification section identifies whether mock-up may remain as part of Work or if it is to be removed and when.

***END OF SECTION***