
REFERENCE STANDARDS

PART 1 GENERAL

1.01 OTHER CONTRACT DOCUMENTS The General Conditions of the Contract, General Requirements and Supplemental Conditions attached hereto shall apply to and be a part of this Section.

1.02 DESCRIPTION OF WORK The Work described herein describes the references made in the Contract Documents.

PART 2 PRODUCTS None required.

PART 3 EXECUTION

3.01 DOCUMENTS Words and abbreviations which have well known technical or trade meanings are used in the Contract Documents in accordance with such recognized meanings. Where building codes, Product or material specifications, Provincial or Federal laws, local ordinances, industry standards and utility company regulations are quoted or implied, the latest issue as amended and revised to the date of the signing of the Agreement shall apply, except where a specific date of issue is noted.

3.02 STANDARDS Materials and workmanship shall conform to or exceed, in whole or part, applicable standards and other governmental or trade specifications or standards referred to within the Contract Documents. The Work shall conform to such standard, in whole or in part, as specified.

Within the text of the specifications reference may be made to the following standards.

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| AASHTO | American Association of State Highway Transportation Officials |
| ACI | American Concrete Institute |
| AISC | American Institute of Steel Construction |
| AISI | American Iron and steel Institute |
| ANSI | American National standards Institute |
| ASA | American Standards Association |
| ASME | American Society of Mechnaical Engineers |
| ASTM | American Society for Testing and Materials |
| AWWA | American Water Works Association |
| AWS | American Welding Society |

REFERENCE STANDARDS

CEC	Canadian Electrical Code(published by CSA)
CEMA	Canadian Electrical Manufacturers Association
CGSB	Canadian Government Specifications Board
CISC	Canadian Institute of Steel Construction
CSPI	Corrugated Steel Pipe Institute
CSA	Canadian Standards Association
CWB	Canadian Welding Bureau
FCC	Fire Commissioner for Canada
IEEE	Institute of Electrical and Electronic Engineers
MBMA	Metal Building Manufacturers Association
ULC	Underwriters Laboratoies of Canada

If there is a question as to whether any product or system is in conformance with applicable standards, the Engineer reserves the right to have such products or systems tested to prove or disprove conformance. The cost for such testing will be borne by the City in the event of conformance with the Contract Documents or by the Contractor in the event of non-conformance.

3.03 ABBREVIATIONS

The following abbreviations shall apply to and be part of the Specifications;

ga	gauge (thickness)
°C	degree centigrade
%	percent
o.d.	outside diameter
i.d.	inside diameter
m	metre
sq	square
lm lin m	lineal metre
sq.m. m ²	square metre
cu.m. m ³	cubic metre
mm	millimetre
um	micrometer
cm	centimetre
km	kilometre
l	litre
l/s	litres per second
l/m	litres per minute
l/hr	litres per hour

REFERENCE STANDARDS

mg	milligram
mg/l	milligram per litre
kg	kilogram
hr	hour
no or #	number
Pa	pascal
kPa	kilopascal
Mpa	megapascal
ppm	parts per million
psi	pounds per square inch
j	joule
Kj	Kilojoule
rpm	revolutions per minute
hz	hertz
w	watt
kw	kilowatt
hp	horsepower
P.E.	polyethylene
D.I.	ductile iron
P.V.C.	polyvinyl chloride
C.I.	cast iron
S.S.	stainless steel
N.P.T.	national pipe thread

END OF SECTION