



WATER RESOURCES IMPLEMENTATION OF CATHODIC PROTECTION (CP) INSTALLATION TEST PLAN CHECKLIST (ITPC)

This checklist is intended to identify and formalize the inspection and sign-off on all necessary installation steps to achieve the CCC and FAC Acceptance of more complex cathodic protection installations, such as those required by LRT or water and sewer construction that includes the establishment of a permanent cathodic protection Test Point. It aims to provide clarity on expectations/requirements and improve consistency in the Cathodic Protection practice. It is not required for non-monitored CP installations such as the installation of anodes directly to valves and fittings. The Checklist itemizes all the currently applicable CP Test Point installation requirements currently referenced in the Waterworks Standard Specifications.

The CP-ITP Checklist is already in use on Greenline Enabling Works projects and will be added as a general requirement for any projects that require the installation of a permanent CP Test Station going forward. Where such test point installations details already appear on existing Approved for Construction Submissions prior to the issuance of this Bulletin, the completion of a CP-ITP Checklist will not be required.

New submissions on or after November 1, 2018 are subject to the use of the Checklist and where applicable, will be required by Development Approvals to submit a Detail, such as showing the installation of a permanent CP test station. CP-ITP Checklist will be held by the Consultant Engineer or delegated by them to either the project Contractor or CP Specialist sub-contractor as the case may be. Sign-off at the CP-ITP Checklist indicated hold points will be made by Water Resources Inspection Services (Inspector or Corrosion Tech) where appropriate. An overall sign-off on page 1 of the Checklist by a representative of Water Resources Inspection Services is required, after the sign-off of the Consultant (or their representative), before a CCC or FAC is issued by Water Resources.

The checklist can be accessed via the following:

<http://www.calgary.ca/UEP/Water/Pages/Specifications/Submission-for-approval-Development-Approvals-Submissions.aspx>

<http://www.calgary.ca/PDA/pd/Pages/Planning-and-development-resource-library/Publications.aspx>

For further information regarding the CP-ITP Checklist requirements or for assistance in arranging an Inspection, please contact Rod Engel, Team Lead, Cathodic Protection, Inspection Services, Water Resources at rod.engel@calgary.ca.