

Product Evaluation Process

The Transportation and Economic Corridors Products List (TECPL) identifies various products that may be used on Transportation and Economic Corridors highway/bridge construction and maintenance contracts. The products listed may include “brand names” that either meet the department’s standards/specifications or are otherwise satisfactory to the department. In some instances, a qualifier on the applicability or usage of the product may be included.

The absence of a particular brand or product does not necessarily mean that the product fails to meet the department standards or specifications. However, unless listed a product may not be used on a department contract until such time as the product has been confirmed suitable for use through the process described herein.

Individual products are listed in one of five separate categories, **Approved Products**, **Proven Products**, **Trial Products**, **Potential Products**, and **Reviewed Products**. Products listed under “**Approved**”, “**Proven**” or “**Reviewed**” may be used where applicable on any department project. However, unless a particular product is specifically referenced in the contract documents, the use of products listed under “**Trial**” and “**Potential**” will require prior approval of the department. Such approval may only be obtained from Kristen Tappenden, Director, Geotechnical & Utilities Section, Transportation and Economic Corridors, Phone: 780-231-9572, email: Kristen.Tappenden@gov.ab.ca.

This listing is not to be construed as an endorsement by the department of any given product or a guarantee of product performance relative to specific contract requirements or warranty. It is intended as an information tool for contractors, engineering consultants and department personnel to identify products, which meet the department’s standards or specifications for particular applications. The use of any product listed in TECPL by a contractor shall in no way relieve the contractor from its contractual obligations.

The following are definitions for the five separate categories of products:

Approved Products – Alberta Transportation and Economic Corridors has been directly involved in testing these products which only include Bridge Concrete Sealers, Bridge Coating Systems, Non-Shrink Grout, Concrete Patching Materials and Traffic Paint Formulations.

Proven Products – products for which an adequate performance record has been established on Alberta Transportation and Economic Corridors projects.

Trial Products – appear to meet standard specifications and/or the specific requirements of the work and have been installed/used in trial projects for Alberta Transportation and Economic Corridors. These products are being monitored for acceptability.

Potential Products – have the potential to meet standard specifications and/or the specific requirements of the work but have not yet been used on Alberta Transportation and Economic Corridors projects.

Reviewed Products – products for which an adequate performance record could not be established on Alberta Transportation and Economic Corridors projects in short term. The literatures related with these types of products, such as specification, case studies, test reports etc. are reviewed and based solely on these documents, the products are listed.

Direct inquiries concerning the latest status of any product can be made by an email to New Products Evaluation Group (NPEG) of Transportation and Economic Corridors, Edmonton, at TEC.innovations@gov.ab.ca.

The process for having a Product considered for inclusion on the Transportation and Economic Corridors List is as follows:

1. The proponent (usually the manufacturer / supplier) submits the “Products Submission Form” with all the appropriate supporting information.

Relevant information that should be supplied includes:

- Conformance to Transportation and Economic Corridors Specifications if applicable
- Recognized standards that the product has been certified to meet (i.e. CSA, ASTM, CGSB, AASHTO, ...)
- Description of Quality Control processes that the proponent follows or recommends for the use of the product
- Description of the Quality Assurance processes that the proponent follows or recommends for use of the product
- Environmental acceptability and material safety data sheet
- Testimonials from other transportation jurisdictions
- Life cycle cost information
- Laboratory test results

2. The appropriate department experts (technical referees) conduct an assessment of the information provided by the proponent.

Technical referee(s) provide input to the New Products Evaluation Group (NPEG) with respect to:

- The acceptance of the product for use on department projects as a “Reviewed”, “potential”, “trial”, or “proven” product or rejection of the product
- The time period to be specified for continued inclusion on the list before a product may be dropped because it has not been used by the department
- Performance criteria for which a product will be gauged to be acceptable when it is actually used

3. The NPEG reviews the recommendations and accepts or rejects the product for inclusion on the TECPL. The proponent is advised as to the status of the product and any conditions that apply to the continued inclusion of the product on the list. Products that are rejected may not be resubmitted until a 2-year moratorium period has elapsed.

4. The TECPL is reviewed annually to assess and revise, if necessary, the status of the products. Final acceptance of a product as a “proven product” is based upon conformance to specifications and actual in-field performance.

Products will be removed from the Transportation and Economic Corridors Products List if:

- The department changes specifications or standards that preclude the use of any particular product
- The product is no longer manufactured or becomes obsolete
- The manufacturer fails to re-qualify an “Approved” product
- The product has not been used over the time period specified by the appropriate technical referee(s)
- The product has not been taken to “Trial Product” status within 3 years of it being placed on the Transportation and Economic Corridors Products List as a “Potential Product” further consideration will generally be given, to the product, for a subsequent 2-year period.
- Product does not perform.

Products that are removed by the New Products Evaluation Group, for any reason, may be resubmitted for consideration, after a moratorium period has expired.

**New Products Evaluation Group (NPEG)
(Product Evaluation Process)**

