

Innovations Evaluation Group (Product Evaluation Process)

The Alberta Transportation Products List identifies various products that may be used on Alberta Transportation 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 four separate categories, **Approved Products**, **Proven Products**, **Trial Products** and **Potential Products**. Products listed under “**Approved**” and “**Proven**” 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 Roger Skirrow, Director, Geotechnical & Materials Section, Alberta Transportation, 780-427-5578.

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 this document by a contractor shall in no way relieve the contractor from its contractual obligations.

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

“APPROVED” products are those for which Alberta Transportation has been directly involved in the testing of the products and only include Bridge Concrete Sealers, Bridge Coating Systems, Non-Shrink Grout, Portland and Cement Concrete Patching Products and Traffic Paint Formulations.

“PROVEN” products for which an adequate performance record has been established on department projects.

“TRIAL” products which appear to meet requirements of the standard specification and/or the specific requirements of the work and have been installed/used in the trial projects for Alberta Transportation. These products are being monitored for acceptability.

“POTENTIAL” products that have the potential to meet requirements of the standard specification and/or the specific requirements of the work but have not yet been used on Alberta Transportation projects.

Direct inquiries concerning the latest status of any product by email or fax to Alberta Transportation, Edmonton, email: roger.skirrow@gov.ab.ca or fax no. 780-422-5426.

The process for having a Product considered for inclusion on the Alberta Transportation 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 Alberta Transportation 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 Innovations Evaluation Group (IEG) with respect to:

- The acceptance of the product for use on department projects as a “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 IEG reviews the recommendations and accepts or rejects the product for inclusion on the Alberta Transportation Products List. 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 Alberta Transportation Products list 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 Alberta Transportation 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 Alberta Transportation 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 committee, for any reason, may be resubmitted for consideration, after a moratorium period has expired.

[Flow Chart of the Evaluation Process](#)