

Technical Circular T-10/95
January 10, 1996

TO: All Headquarters Directors, Prof. Services, Planning & Major Projects
All Regional Directors
All Regional Managers, Prof. Services, Planning & Operations
All District Highways Managers

SUBJECT:

RECOGNIZED PRODUCTS LIST

PURPOSE:

The Recognized Products List is a list of products used for Highway construction, rehabilitation and maintenance. The list is intended for reference use by contractors or suppliers who are providing materials or products. The list also acts as a reference for Ministry staff specifying or ordering materials or products. It is intended that all significant products approved for Ministry use in construction, rehabilitation and maintenance be listed.

BACKGROUND:

The Recognized Products List is maintained by the New Products Evaluation Standing Committee.

The New Products Evaluation Standing Committee is composed of the following personnel:

Mike Oliver, Chair, Director of Geotechnical and Materials Engineering
Steve Geddes, Secretary, Senior Geotechnical Laboratory Scientist
Kelcy Daigneault, Data Base Coordinator, Receptionist
Mike Bishop, Project Manager Paving, Nanaimo
Wayne Bobroske, Senior Highway Design Advisor
Roy Buettner, Manager, Bridge Construction
Rodney Chapman, Director Construction
Mike Kent, Director, Highway Environment
Nick Polysou, Regional Geotechnical and Materials Engineer, Prince George

Products will be evaluated by the committee on the receipt of an application from producers, agents or suppliers. Products acceptable to the committee will be listed. The criteria used to qualify products for listing are (1) the products must remain as part of the infrastructure (this excludes products such as equipment), (2) the products must be past the development stage and be available commercially and (3) in the opinion of the committee, the listed products must have a reasonable expectation of significant use and be environmentally acceptable. Brand name products, which satisfy the Ministry's specifications, where established, or are otherwise considered satisfactory, are listed. In some cases a qualifier regarding applicability or usage may be included.

The listing has been alphabetically sorted using an application code and the index is attached. New applications may be added at any time should the need arise.

The Recognized Products List is not an endorsement of a given product, or in any way a guarantee of adequate performance relative to the specific contract requirements. Use of a listed product or material by a contractor shall not relieve in any way the contractor from the contractual obligations.

Products are listed under two distinct categories termed "tentative" and "proven" defined as follows:

Tentative - Tentative products appear to meet the Standard Specifications (where established) or appear to have potential for significant use. These products have not yet been used extensively on Ministry projects. Tentative products can be used on Ministry projects but caution is advised.

Proven - Proven products have an adequate established record of use on Ministry projects.

Certain applications require a formal established assessment process to occur before products are listed. Examples are traffic paint, thermoplastics, dust palliatives, bridge deck sealants, soil stabilization products and coating systems.

Pamphlets explaining the New Products Evaluations Standing Committee with the products submission form (copy attached) are available from the Geotechnical and Materials Engineering Branch in Victoria and from the Regional Geotechnical and Materials Engineers in Burnaby, Kamloops, Nelson, Prince George, Terrace and Nanaimo. The list is updated quarterly and is available for viewing at the above noted offices.

RECOGNIZED PRODUCTS LIST

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The list is also available on The Ministry bulletin board for viewing. Access to the bulletin board is as follows:

Requests for New Userids

Call the Ministry HOTLINE at 387-0142 and give them your name, mailing address, phone number, and other required information. A diskette containing **COCONET ACCESS PROGRAM** will be customized for your PC's setup and mailed to your office. Once you have received and installed the software provided, full "read only" access is automatically granted to all information on the BBS.

It is expected that the list will also be available for viewing on the internet in the future.

CONTACT:

Michael F. Oliver, P. Eng.
Director of Geotechnical
and Materials Engineering



Merv Clark, P. Eng.
Acting/Chief Highway Engineer

- c.c. ADM, Highways Operations
- c.c. ADM, Planning & Major Projects

Attachments

Code	Primary Discipline	Specific Application	Specialty	Environment Conditions
0072	Asphalt Cement	Additives		
0071	Asphalt Cement	Cut Backs		
0012	Asphalt Cement	Emulsion		Rapid Set
0001	Asphalt Cement	Emulsion		Slow Set
0070	Asphalt Cement	Engineered Products		Multi-Grade
0002	Asphalt Cement	Engineered Products		Polymer Modified
0069	Asphalt Cement	Engineered Products		Rubber Asphalt
0003	Asphalt Cement	Emulsion		Higfloat
0004	Asphalt Cement Concrete	Anti-Stripping Agent		
0006	Asphalt Cement Concrete	Patching Products		Asphalt Based
0008	Asphalt Cement Concrete	Patching Products		Epoxy Based
0007	Asphalt Cement Concrete	Patching Products		Portland Cement Based
0013	Asphalt Cement Concrete	Prefabricated Crack Sealers (Membranes)		
0010	Asphalt Cement Concrete	Rubberized & Elasticized Crack Sealants		Entire Province
0011	Asphalt Cement Concrete	Rubberized & Elasticized Crack Sealants		Lwr Mainland/Sunshine Coast/Vancouver/Island
0005	Asphalt Cement Concrete	Specialty Paving Devices		
0009	Asphalt Cement Concrete	Surface Treatment		
0073	Asphalt Cement Concrete	Tack Coat & Primers		
0074	Asphalt Cement Concrete	Rejuvenators		
0075	Bridge Deck	Surface Treatment		
0090	Bridge Deck	Membrane System		Hot Applied, Rubberized
0016	Bridge Deck	Joint Systems		
0015	Bridge Deck	Membrane Systems		Liquid
0014	Bridge Deck	Membrane Systems		Prefabricated
0024	Coating Systems	Concrete		Field Antigrffiti
0025	Coating Systems	Steel Railings		Flame Applied
0026	Coating Systems	Steel Railings		Fluid Bed Dipped
0027	Coating Systems	Steel Railings		Hot Dipped Galvanizing
0028	Coating Systems	Steel Railings		Metallizing
0018	Coating Systems	Structural Steel		Field Application
0019	Coating Systems	Structural Steel		Field Application
0020	Coating Systems	Structural Steel		Field Application
0021	Coating Systems	Structural Steel		Field Application
0022	Coating Systems	Structural Steel		Field Application
0076	Coating Systems	Structural Steel		Field Overcoat

Code	Primary Discipline	Specific Application	Specialty	Environment Conditions
0023	Coating Systems	Structural Steel	Field Touch Up	Aerosol
0077	Coating Systems	Structural Steel	Field Touch Up	Brushable
0017	Coating Systems	Structural Steel	Shop Application	
0030	Coating Systems	Wood General	Field Touch Up	Moderate to Severe Condition
0029	Coating Systems	Wood Railing & Rubrails	Field Application	Moderate to Severe Condition
0031	Corrugated Steel Pipe			
0032	Culvert Systems	Proprietary		
0033	De-Icing Chemicals			
0034	Dust Palliatives			
0035	Earth Retaining Systems			
0078	Epoxy Products	General		
0098	Erosion Control System			
0036	Geosynthetic	Geotextiles	Woven & Nonwoven	
0092	Geosynthetics	Geogrids		
0093	Geosynthetics	Geomembranes		
0094	Geosynthetics	Geo-Drains		
0095	Geosynthetics	Geo-Composites		
0096	Geosynthetics	Geo-Foam		
0097	Geosynthetics	Cellular Confinement Systems		
0086	Hazardous Waste Material			
0038	Plastic Drainage Pipe	P.E.		
0037	Plastic Drainage Pipe	P.V.C.		
0039	Plastic Drainage Pipe	Shapes & Spacers		
0044	Portland Cement Concrete	Admixtures	Air-Entraining	
0088	Portland Cement Concrete	Admixtures	Miscellaneous	
0047	Portland Cement Concrete	Admixtures	Set Retarders	
0045	Portland Cement Concrete	Admixtures	Superplasticizers	
0046	Portland Cement Concrete	Admixtures	Water Reducers	
0042	Portland Cement Concrete	Anti-Skid Treatments		
0079	Portland Cement Concrete	Bonding Agent		
0049	Portland Cement Concrete	Corrosion Inhibitors		
0043	Portland Cement Concrete	Curing Membranes		
0048	Portland Cement Concrete	Grouts		
0040	Portland Cement Concrete	Patching Products		
0041	Portland Cement Concrete	Sealants		

Code	Primary Discipline	Specific Application	Specialty	Environment Conditions
0087	Portland Cement Concrete	Sidewalk Topping		
0091	Portland Cement Concrete	Anchors	Expansion Type	
0050	Preservatives	Wood Treatment		
0051	Reinforcing Steel			
0080	Roadside Development Products			
0083	Soil Stabilization	Base	Asphalt Emulsion	
0082	Soil Stabilization	Base	B.C. Stabilizer	
0081	Soil Stabilization	Base	Calcium/Magnesium Chloride	
0052	Soil Stabilization	Base	Lignosulphonate	
0084	Soil Stabilization	Subgrade		
0089	Steel & Iron	General		
0054	Steel & Wire Fencing Materials			
0055	Timber	Glue Laminated		
0056	Timber Materials			
0057	Traffic Barriers	Steel Beam & Wood Post		
0060	Traffic Control Devices	Barrier Mounted Reflectors		
0062	Traffic Control Devices	Centreline Reflectors	Plowable	
0061	Traffic Control Devices	Centreline Reflectors	Raised	
0063	Traffic Control Devices	Miscellaneous		
0059	Traffic Control Devices	Road Edge Delineation		
0058	Traffic Control Devices	Traffic Cones		
0066	Traffic Marking Materials	Glass Bead		
0064	Traffic Marking Materials	Paint		
0085	Traffic Marking Materials	Temporary		
0065	Traffic Marking Materials	Thermoplastic		
0067	Urethane Injection Crack Sealers			
0068	Wire Rope			



Province of
British Columbia

Ministry of
Transportation
and Highways

Mail or Deliver to:
MINISTRY OF TRANSPORTATION
AND HIGHWAYS
324 Kingston Street
Victoria, B.C.
V8V 1V7

New Products Evaluation Standing Committee PRODUCT SUBMISSION FORM

This form must accompany all new product submissions to the Ministry of Transportation and Highways. Applicants should make every effort to provide the requested information as this data will be used by the New Products Evaluation Committee to assist in the initial review of the product. A letter of receipt will be issued as well as a status report following the initial appraisal.

TO BE COMPLETED BY SUPPLIER

1) **Supplier Name:** _____

Address: _____

City: _____ Prov/State: _____ Postal/Zip: _____

Contact: _____ Telephone No.: (_____) _____ Facsimile No: (_____) _____

2) **Manufacturer Name** (if different supplier): _____

Address: _____

City: _____ Prov/State: _____ Postal/Zip: _____

3) **Product Name:** _____

4) **Briefly state the intended purpose or use of this product:** _____

5) **Is this product currently being used or under review by any other transportation agency?** Yes No

If Yes, explain: _____

6) **Has this product been evaluated for environmental impact?** Yes No

If yes, attach environmental studies.

7) **Is this product WHMIS controlled?** Yes No

If yes, attach MSDS (Note: MSDS must conform to WHMIS standards)

8) **Does this product meet the requirements of a recognized specification agency (i.e., CSA, ASTM, CGSB, AASHTO)** Yes No

If so, state agency and specification number: _____

Have you attached all other information that you feel is relevant and will assist the Committee to appraise this product?

Signature: _____ Date: _____



Province of
British Columbia
Ministry of Transportation
and Highways

NEW PRODUCTS EVALUATION

STANDING COMMITTEE

The New Products Evaluation Standing Committee was established in July 1991 as a single address to which prospective suppliers of highway maintenance products can direct applications. Products recognized by the committee are added to Ministry of Highways and Transportation recognized materials list. This list forms part of the highways maintenance services contracts in effect throughout the province. The list is also used by ministry staff at district, region, major project and headquarters levels. For this reason certain products are listed which are not normally purchased by district highway maintenance contractors.

The committee meets at least quarterly, and has established procedures for:

- screening products, by means of appropriate technical referees;
- notifying applicants of the committee's decisions;
- updating and publishing the recognized materials list.

A supplier's first contact with the committee is via the product submission form, printed on the reverse of this pamphlet. Requested documents should accompany the completed form.

The committee first determines whether there is a current, or potential, use for a product on Ministry of Transportation and

Highways work. If a use is identified, the committee then reviews in detail the documents submitted with the application to determine chemical and physical properties of the product, the CSA, CGSB, ASTM or other standards with which the product complies, the MSDS data and relevant case histories.

Products which appear to be of potential benefit to the ministry are added to the recognized materials list as a "tentative product", meaning that it may be selected by potential users. The economic considerations of new products will not be studied by the committee, as this would be a matter of negotiation between the producer and potential user. The committee may, however, draw attention to obvious large price differences at the time of review.

Many "off-the-shelf" products for which ministry specifications exist can be reviewed and added to the list within a few weeks of receipt of the form and data. Other types of product, which may be under current or planned generic field testing or policy review, could require as much as two or three years to be listed. Occasionally, a completely new type of product may necessitate the preparation of a new Ministry of Transportation and Highways standard specification, a process which could require several months.

The committee does not publish names of products which have been refused listing. This could imply that the product is of no value, while in fact it merely does not meet current ministry needs or systems. Compatibility with currently-used products is especially important in the field of paints and coatings.

After a product has established an acceptable service record in full-scale use, the committee will upgrade the product to the "proven product" category on the recognized materials list. The period of time required to permit this change of status can range from a few months to several years, depending on the type of product. This is especially true where safety or environmental effects are involved.

The committee maintains a data base of all product submissions. Whenever a new ministry need is identified, or a new standard specification is issued, all files on the data base are automatically reviewed for possible addition to the list.

For further information contact:
Ministry of Transportation and Highways
324 Kingston Street
Victoria, B.C. V8V 1V7
Phone: (604) 387-1631 Fax: (604) 356-2012



Province of
British Columbia
Ministry of Transportation
and Highways

NEW PRODUCTS EVALUATION

STANDING COMMITTEE

Information and Product Submission Form

T-CIRC DISTRIBUTION LIST

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A/Assistant Deputy Minister, Planning and Major Projects
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Craig Morris, Executive Director/Deputy Superintendent, Motor Vehicles
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A/Director, Highway Safety
Logan Stewart, Director, Properties
Rodney Chapman, Director, Construction Engineering
Mike Kent, Director, Highway Environment
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Peter Brett, Director, Bridge Engineering
A/Director, Highway Engineering
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Dan Williams, District Highways Manager - Okanagan Shuswap
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