This document establishes MaineDOT's requirements for asphalt cleaning products (ACPs) to be used in the removal of asphalt from asphalt distributors, hand tools, and other paving equipment. This will be accomplished by spraying the cleaner and allowing it to soak on the soiled surface, then rinsing with water. ACPs are used solely for the removal of asphalt from parts and equipment. These products shall NOT be used as Asphalt Release Agents under any circumstances. They will pose a potential for serious health and safety risks to the user as well as being detrimental to hot mix asphalt material. These ACPs are used in lieu of diesel fuel /petroleum derivatives and other solvents which may pose potential fire and other safety hazards to workers.

The cleaner shall be labeled in accordance with Title 29 Code of Federal Regulations Hazard Communication.

With any shipment to a MaineDOT location, the manufacturer of the cleaner shall include the following: A recent, certified test report from an independent analytical laboratory report indicating that a 50:1 diluted mixture of deionized water and the cleaner does not meet any characteristics described in the latest revision of the Resource Conservation and Recovery Act (RCRA) Hazardous Waste Code of Federal Regulations (CFR), Title 40, Part 261, Subpart C. 0.94

The cleaner shall contain wetting and emulsifying additives. It shall be non-carcinogenic, completely biodegradable, and shall contain no petroleum hydrocarbons, extenders or dilution of product. D-Limonene-based products shall be in accordance with this specification. The cleaner shall meet the requirements below:

- Flash point (PMCC) of cleaner, undiluted ≥ 100° F
- Flash point (PMCC) in a 50:1 dilution de-ionized water to cleaner mixture ≥ 140° F
- Cleaning Performance (undiluted mixture) (Ref. Para. 5.2.). 100 percent removal asphalt film in three cycles.
- Visual inspection shall not indicate marring, dulling and softening or other damage to the enamel to which it is applied

PRODUCT CONFORMITY: At the discretion of MaineDOT, any shipment of product to a MaineDOT location may be tested, such as by infrared or gas chromatography, for compliance with the SDS and uniformity with the formulation of the approved product (where applicable).

NOTE: MaineDOT may require a field evaluation before final acceptance and inclusion on the Qualified Products List (QPL).

A vendor who wishes to have products preapproved for future use should contact MaineDOT’s Product Evaluation Coordinator via email at NewProducts.MaineDOT@maine.gov or by calling (207)624-3268.

Product submittals shall include: a completed New Product Evaluation form, a copy of the technical data sheet, current Safety Data Sheet (SDS), and third party, independent test results (or NTPEP test reports where applicable). Any incomplete submittals will not be evaluated for inclusion on MaineDOT’s Product Lists.

All reports shall be issued and signed by an authorized laboratory representative. The report shall also include the physical and/or chemical requirements stated herein.
Any change in a product, such as formulation, shall require re-testing (through NTPEP if required) and resubmission of an independent analytical laboratory report (or NTPEP testing report) prior to purchase by MaineDOT.

MaineDOT requires re-certification by all manufacturers every five years (except for electrodes used for field welding which are recertified every year) to ensure that product names and formulations have remained the same since the product was originally placed on this list and that products are still relevant and in production. This shall include the most recent NTPEP testing. NTPEP provides for retesting of this product category on a 5-year basis. A lapse of NTPEP test results may result in disqualification of the product.

The Department continues to evaluate its Acceptance Criteria and reserves the right to revise the criteria and/or withdraw product qualification at any time for any reason without notice. Furthermore, the ability of a product to meet these requirements does not necessarily guarantee addition to the Qualified Products List. Reminder that, products once placed on the Qualified Products List are to be considered prequalified for use only, meaning that they have undergone preliminary review for compliance with MaineDOT, and AASHTO specifications. As with all products, final approval rests with the Designer, Project Manager, Supplier and/or Resident to determine if a product best suits the need of a particular project.

If you are experiencing difficulties reading or printing this page, or have questions regarding the Qualified Products List website, please contact the Product Evaluation Program Coordinator at 207-624-3268 or by email at: NewProducts.MaineDOT@maine.gov