
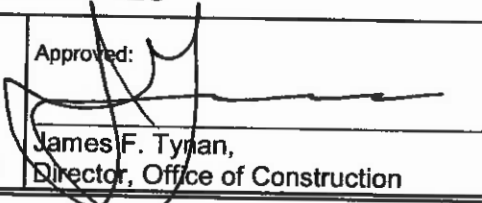


To: SUPERSEDED BY EB 20-038 EFFECTIVE 9/3/20		New York State Department of Transportation ENGINEERING INSTRUCTION	EI 06-002
Title: LEAD-FREE PAVEMENT MARKING MATERIALS			
Distribution: <input checked="" type="checkbox"/> Manufacturers (18) <input checked="" type="checkbox"/> Local Govt. (31) <input checked="" type="checkbox"/> Agencies (32)		<input type="checkbox"/> Surveyors (33) <input checked="" type="checkbox"/> Consultants (34) <input checked="" type="checkbox"/> Contractors (39) <input type="checkbox"/> _____ ()	Approved:  _____ James F. Tyman, Director, Office of Construction 1-18-06 _____ Date

ADMINISTRATIVE INFORMATION:

- This Engineering Instruction (EI) is effective upon signature.
- This EI does not supersede any other issuance.

PURPOSE: The purpose of this EI is to issue a new policy for the use of lead-free, and chromium-free pavement marking materials on all Department contracts.

TECHNICAL INFORMATION:

- The use of pavement marking materials, including waterborne and solvent-based traffic paint, epoxy, polyester and thermoplastic, containing lead chromate-based pigments creates the potential for safety and health hazards for employees and environmental disposal issues. These issues may affect manufacturers, material suppliers, contractors, subcontractors, consultant inspection staff, Department personnel and the general public.
- Federal law now requires that solvent-based paints, including epoxy and polyester, to be Volatile Organic Component (VOC) compliant.
- The paint manufacturing industry is now producing pavement marking materials that do not use lead chromate-based pigments, which are safer and create less negative environmental impact.

IMPLEMENTATION:

- Effective February 1, 2006, Contractors shall not purchase any pavement marking materials for use on Department contracts which contain added lead or chromium components.
- Effective July 1, 2006, Contractors shall not apply any pavement marking materials on Department contracts which contain added lead or chromium components.
- Engineers-in-Charge should include a copy of this EI as documentation of a change in §109-05B.1.a. in accordance with Contract Administration Manual (CAM) §104-03I.4.

CONTACT: Direct questions regarding this revision to Brian DeWald (BDeWald@dot.state.ny.us) of the Construction Division at (518) 457-6472 or to Pat Galarza (PGalarza@dot.state.ny.us) of the Materials Bureau at (518) 457-4599.