

4" MINUS Certification

Dirt and Gravel Road Maintenance Program

Company: _____

Plant Location: _____

Parent Stone Type: _____

Tonnage Represented: _____

Project: _____

This record is to certify that the aggregate shipped to the above-referenced job site meets all DCNR specifications and quality requirements.

Sieve Size	Specification Range	Gradation for This Lot
	% Passing	% Passing
4"	100	
3 1/2"	80-97	
2 1/2"	70-95	
1 1/2"	50-80	
3/4"	30-60	

pH: _____ L.A. Abrasion: _____ Plasticity Index: _____ Moisture %: _____

Authoring Agent Signature: _____ Date: _____

Print Name of Authorizing Agent: _____

Title of Authorizing Agent: _____

Note: The authorizing agent or responsible party should sign their name and print their name below their signature. If the signatory is a Penn-DOT certified Aggregate Technician add the certification number on title line and no notary is required.

Sworn and subscribed before me

This day _____
Notary Public

My commission expires: _____

4" MINUS Specifications

Dirt and Gravel Road Maintenance Program

Pursuant to Section 9106 of the PA Vehicle Code, all 4" MINUS aggregate is to be derived from natural stone formations. Stone is defined as rock that has been crushed; rock is defined as consolidated mineral matter. All components of the aggregate mix are to be derived from crushed rock material that meets program specification for abrasion resistance, pH and freedom from contaminants.

Size:

The required amounts and allowed ranges, determined by % weight, for various size particles are shown on page 1 of the certification.

LA Abrasion:

The acceptable limit as measured by weight loss is "less than 40% loss". Los Angeles Abrasion test, AASHTO T-96 [ASTM C 131] shall be used to determine this property. Existing data obtained from tests made for and approved by PennDOT will be accepted.

pH:

Aggregate must be in the range of pH 6 to pH 12.45 as measured by EPA 9045C.

Moisture:

Material is to be delivered and placed at a moisture content ranging between 4% to 6%. The laboratory test required for these results is the AASHTO T255 - Total Evaporable Moisture Content of Aggregate by Drying.

Plasticity Index:

Material must not exceed Plasticity Index (PI) rating of 6. The laboratory test required for these results is the ASTM D4318 – Standard Test Method for Liquid Limit, Plastic Limit, and Plasticity Index of Soils.

Transportation:

Tarps are to be used to cover 100% of the load's exposed surface from the time of loading until immediately before dumping. This requirement includes standing time waiting to dump.