

913-R-614 LIME BY-PRODUCT

(Adopted 02-20-14)

The Standard Specifications are revised as follows:

SECTION 913, BEGIN LINE 47, DELETE AND INSERT AS FOLLOWS:

2. Lime By-Products

Lime by-products shall be hydrated lime or quicklime by-products in accordance with ASTM C 25 having the following requirements.

- a. The lime by-products shall contain a minimum of 60% total calcium and magnesium oxides (non-volatile basis).
- b. Available calcium hydroxide plus magnesium oxide calculated as calcium hydroxide shall be a minimum of 30%.
- c. *Soluble sulfate shall not be more than 5%.*
- d. Sieve analysis shall be performed in accordance with ASTM C 110. The lime by-products gradation shall be as follows:

| Sieve | % Retained (Max.) |
|-----------------------|-------------------|
| No. 4 (4.75 mm) | 5 |
| No. 30 (600 μ m) | 10 |
| No. 100 (150 μ m) | 25. |
