

APPARATUS

1. Balance of sufficient capacity and sensitive to 1 g or less?..... \_\_\_\_\_

PROCEDURE

2. Test sample obtained by MTO LS-600? ..... \_\_\_\_\_
3. Have individual fractions been prepared, as necessary, ..... \_\_\_\_\_  
conforming to the following table? (sizes per gradation)

Pass - Retained	Mass, g
37.5 mm – 19.0 mm	200 particles minimum
19.0 mm – 13.2 mm consisting of	1250
19.0 mm – 16.0 mm	750
16.0 mm – 13.2 mm	500
13.2 mm - 9.5 mm	500
9.5 mm - 6.7 mm	200
6.7 mm - 4.75 mm	75

4. Test sample separated into portions according to whether (host) particle has two or more crushed faces, one crushed face or no crushed face, (cementations are uncrushed)?..... \_\_\_\_\_
5. All sample portions weighed to nearest 1 g? ..... \_\_\_\_\_
6. Calculation for each fraction:..... \_\_\_\_\_

$$\% \text{ Two or more Crushed Face Particles} = B/A \times 100$$

where A = mass of original sample

B = mass of particles with two or more crushed faces

$$\% \text{ Uncrushed Particles} = C/A \times 100$$

where A = mass of original sample

C = mass of uncrushed particles

7. Calculation for several sizes tested weighted by gradation according to section 6.3? ..... \_\_\_\_\_

Comments: