

**SAMPLING STOCKPILED AGGREGATES  
ITM 207**

**APPARATUS**

- Square-tipped shovel for coarse aggregate sampling. Shovel is required to be the size needed to obtain the minimum weight of material for the test conducted.
- Fire shovel or sampling tube for fine aggregate sampling. Sampling tube is 3 in. minimum in diameter and 3 ft minimum in length.
- Front-end loader

**PROCEDURE****Stockpile Construction**

- Front-end loader obtains material from stockpile in same manner as loading truck
- When forming a small pile the loader bucket is as low as possible and material is rolled from bucket
- Each bucket of material is taken and dumped in the same manner and placed uniformly over the preceding one
- Sample stockpile is 10 to 15 t

**Mixing**

- Loader bucket begins mixing at end of oblong pile
- Loader bucket is as low as possible and pushed into the material until front of bucket is past the midpoint
- Loader bucket is then slowly raised and rolled forward
- Mixing procedure is repeated at the opposite end of pile

**Sampling**

- Sample locations are approximately one-third of the height of the pile
- At least 6 full shovels or sampling tubes of material taken at equal increments around the pile
- When shovel is used, the shovel is inserted full-depth horizontally into the material and then raised vertically

NA - Not Applicable

X - Requires Corrective Action

√ - Satisfactory

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Acceptance Technician

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INDOT

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Date

Comments: \_\_\_\_\_