Slump Test
Flow Table

Measures the workability of the shotcrete

**Equipment:**
- Flow table
- Flow cone
- Tamping rod
- Measuring tape
Slump Test

Flow Table

Flow Cone

Tamping Stick

Measuring Tape
Method

1. After batching is completed, a sample is taken.
2. Flow table to be laid down on a flat surface and cleaned with a damp cloth.
3. Flow cone to be placed in center of flow table and held down firmly.
4. Fill cone halfway and tamp 10 times.
5. Fill the cone to the brim and tamp 10 times again.
6. Remove excess shotcrete.
7. Slowly lift the cone.
8. Measure top of concrete to top of cone.
Step 1

Center Flow Cone on Flow Table and press down firmly
Step 2

Half Fill Flow Cone
Step 3

Tamp (10 Times) with tamping Stick
Step 4

Fill Flow Cone to the top
Step 5

Tamp 10 times with Tamping Stick
Step 6

Screed off and remove all spillage from Flow Table
Step 6 (continue)

Clean Flow Table Spillage
Step 7

Remove Flow Cone in one even lift

Slow and even lift
Step 8

Measure

180mm
Slump or Flow test results

- Passed to driver and batcher in order that they can maintain the correct workability
- Are used in the quality control process in conjunction with cube results
Remember

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