

**TABLE II-3**  
**Sizes of Open Graded Coarse Aggregates**

| Va. Size<br>No. | Amounts Finer Than Each Laboratory Sieve (Square Openings) (% by Weight) |          |          |          |          |          |          |          |          |          |         |         |         |        |         |         |
|-----------------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|--------|---------|---------|
|                 | 4 in   | 3 1/2 in | 3 in     | 2 1/2 in | 2 in     | 1 1/2 in | 1 in     | 3/4 in   | 1/2 in   | 3/8 in   | No. 4   | No. 8   | No. 16  | No. 50 | No. 100 |         |
| 1               | Min. 100   | 95 ± 5   |          | 43 ± 17  |          | Max. 15  |          | Max. 5   |          |          |         |         |         |        |         |         |
| 2               |  |          | Min. 100 | 95 ± 5   |          | 43 ± 17  |          | Max. 15  | Max. 5   |          |         |         |         |        |         |         |
| 3               |  |          |          | Min. 100 | 90-100   | 35-70    | 0-15     |          | Max. 5   |          |         |         |         |        |         |         |
| 357             |  |          |          |          | Min. 100 |          | 60 ± 20  |          | 20 ± 10  |          |         |         | Max. 5  |        |         |         |
| 5               |  |          |          |          |          | Min. 100 | 95 ± 5   | 58 ± 17  | Max. 15  | Max. 5   |         |         |         |        |         |         |
| 56              |  |          |          |          |          | Min. 100 | 95 ± 5   | 58 ± 17  | 25 ± 10  | Max. 15  | Max. 5  |         |         |        |         |         |
| 57              |  |          |          |          |          | Min. 100 | 95 ± 5   |          | 43 ± 17  |          | Max. 7  | Max. 3  |         |        |         |         |
| 68              |  |          |          |          |          |          | Min. 100 | 95 ± 5   |          | 48 ± 17  | Max. 20 | Max. 8  | Max. 5  |        |         |         |
| 7               |  |          |          |          |          |          |          | Min. 100 | 95 ± 5   | 57 ± 17  | Max. 15 | Max. 5  |         |        |         |         |
| 78              |  |          |          |          |          |          |          | Min. 100 | 95 ± 5   | 60 ± 20  | Max. 20 | Max. 8  | Max. 5  |        |         |         |
| 8               |  |          |          |          |          |          |          |          | Min. 100 | 92 ± 8   | 25 ± 15 | Max. 8  | Max. 5  |        |         |         |
| 8P              |  |          |          |          |          |          |          |          | Min. 100 | 75-100   | 5-30    | Max. 5  |         |        |         |         |
| 9               |  |          |          |          |          |          |          |          |          | Min. 100 | 92 ± 8  | 25 ± 15 | Max. 10 | Max. 5 |         |         |
| 10              |  |          |          |          |          |          |          |          |          | Min. 100 | 92 ± 8  |         |         |        |         | 20 ± 10 |

**TABLE II-1**  
**Fine Aggregate**

| Grading | Amounts Finer Than Laboratory Sieve (Square Opening) (% by Weight) |                    |                    |                     |                    |                    |                     |                    |
|---------|--|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|--------------------|
|         | 3/8 in.<br>(9.5mm)   | No. 4<br>(4.75 mm) | No. 8<br>(2.36 mm) | No. 16<br>(1.18 mm) | No. 30<br>(600 μm) | No. 50<br>(300 μm) | No. 100<br>(150 μm) | No. 200<br>(75 μm) |
| A       | Min. 100   | 97 ± 3             | 90 ± 10            | 67 ± 18             | 42 ± 17            | 17 ± 9             | Max. 10             |                    |
| B       | Min. 100   | 97 ± 3             |                    |                     |                    |                    | Max. 10             |                    |
| C       | Min. 100   | 97 ± 3             |                    |                     |                    | Max. 25            |                     |                    |
| F       | Min. 100   | 92 ± 8             | 80 ± 20            | 62 ± 22             | 39 ± 19            | Max. 26            | Max. 10             | Max. 7             |
| G       | Min. 100   |                    |                    | 70 ± 30             | 50 ± 35            | Max. 26            | Max. 10             | Max. 5             |