# METHODS OF SAMPLING AND TESTING
# MT 608-04
# VOIDS TABLE

**Percent Voids** $\frac{\text{SG x 62.3555 – wt.}}{\text{SG x 62.3555}} * 100$

**Voids shown to the nearest one-tenth (1/10)**

| Wt/ft$^3$ | Specific Gravity | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2.55 | 2.26 | 2.57 | 2.58 | 2.59 | 2.6 | 2.61 | 2.62 | 2.63 | 2.64 | 2.65 | 2.66 | 2.67 | 2.68 | 2.69 | 2.7 |
| 90 | 43.4 | 43.6 | 43.9 | 44.1 | 44.3 | 44.5 | 44.7 | 44.9 | 45.1 | 45.3 | 45.5 | 45.7 | 45.9 | 46.1 | 46.3 | 46.5 |
| 91 | 42.8 | 43 | 43.2 | 43.4 | 43.6 | 43.9 | 44.1 | 44.3 | 44.5 | 44.7 | 44.9 | 45.1 | 45.3 | 45.5 | 45.7 | 45.9 |
| 92 | 42.1 | 42.4 | 42.6 | 42.8 | 43 | 43.2 | 43.5 | 43.7 | 43.9 | 44.1 | 44.3 | 44.5 | 44.7 | 44.9 | 45.1 | 45.4 |
| 93 | 41.6 | 41.7 | 42 | 42.2 | 42.4 | 42.6 | 42.9 | 43.1 | 43.3 | 43.6 | 43.7 | 43.9 | 44.1 | 44.3 | 44.5 | 44.8 |
| 94 | 40.9 | 41.1 | 41.3 | 41.6 | 41.8 | 42 | 42.2 | 42.5 | 42.7 | 42.9 | 43.1 | 43.3 | 43.5 | 43.7 | 44 | 44.2 |
| 95 | 40.2 | 40.5 | 40.7 | 40.9 | 41.2 | 41.4 | 41.6 | 41.8 | 42.1 | 42.3 | 42.5 | 42.7 | 42.9 | 43.1 | 43.4 | 43.6 |
| 96 | 39.6 | 39.9 | 40.1 | 40.3 | 40.6 | 40.8 | 41 | 41.2 | 41.5 | 41.7 | 41.9 | 42.1 | 42.3 | 42.5 | 42.8 | 43 |
| 97 | 39 | 39.2 | 39.5 | 39.7 | 39.9 | 40.2 | 40.4 | 40.6 | 40.8 | 41.1 | 41.3 | 41.5 | 41.7 | 42 | 42.2 | 42.4 |
| 98 | 38.4 | 38.6 | 38.8 | 39.1 | 39.3 | 39.5 | 39.8 | 40 | 40.2 | 40.5 | 40.7 | 40.9 | 41.1 | 41.4 | 41.6 | 41.8 |
| 99 | 37.7 | 38 | 38.2 | 38.5 | 38.7 | 38.9 | 39.2 | 39.4 | 39.6 | 39.9 | 40.1 | 40.3 | 40.5 | 40.8 | 41 | 41.2 |
| 100 | 37.1 | 37.4 | 37.6 | 37.8 | 38.1 | 38.3 | 38.6 | 38.8 | 39 | 39.2 | 39.5 | 39.7 | 39.9 | 40.2 | 40.4 | 40.6 |
| 101 | 36.5 | 36.7 | 37 | 37.2 | 37.5 | 37.7 | 37.9 | 38.2 | 38.4 | 38.6 | 38.9 | 39.1 | 39.3 | 39.6 | 39.8 | 40 |
| 102 | 35.8 | 36.1 | 36.3 | 36.6 | 36.8 | 37.1 | 37.3 | 37.6 | 37.8 | 38 | 38.3 | 38.5 | 38.7 | 39 | 39.2 | 39.4 |
| 103 | 35.2 | 35.5 | 35.7 | 36 | 36.2 | 36.5 | 36.7 | 36.9 | 37.2 | 37.4 | 37.7 | 37.9 | 38.1 | 38.4 | 38.6 | 38.8 |
| 104 | 34.6 | 34.8 | 35.1 | 35.3 | 35.6 | 35.8 | 36.1 | 36.3 | 36.6 | 36.8 | 37.1 | 37.3 | 37.5 | 37.8 | 38 | 38.2 |
| 105 | 34 | 34.2 | 34.5 | 34.7 | 35 | 35.2 | 35.5 | 35.7 | 36 | 36.2 | 36.5 | 36.7 | 36.9 | 37.2 | 37.4 | 37.6 |
| 106 | 33.3 | 33.6 | 33.8 | 34.1 | 34.4 | 34.6 | 34.9 | 35.1 | 35.4 | 35.6 | 35.8 | 36.1 | 36.3 | 36.6 | 36.8 | 37 |
| 107 | 32.7 | 33 | 33.2 | 33.5 | 33.7 | 34 | 34.2 | 34.5 | 34.8 | 35 | 35.2 | 35.5 | 35.7 | 36 | 36.2 | 36.4 |
| 108 | 32.1 | 32.3 | 32.6 | 32.9 | 33.1 | 33.4 | 33.6 | 33.9 | 34.1 | 34.4 | 34.6 | 34.9 | 35.1 | 35.4 | 35.6 | 35.8 |
| 109 | 31.4 | 31.7 | 32 | 32.2 | 32.6 | 32.8 | 33 | 33.3 | 33.5 | 33.8 | 34 | 34.3 | 34.5 | 34.8 | 35 | 35.3 |
| 110 | 30.8 | 31.1 | 31.4 | 31.6 | 31.9 | 32.1 | 32.4 | 32.7 | 32.9 | 33.2 | 33.4 | 33.7 | 33.9 | 34.2 | 34.4 | 34.7 |
| 111 | 30.2 | 30.5 | 30.7 | 31 | 31.3 | 31.5 | 31.8 | 32.1 | 32.3 | 32.6 | 32.8 | 33.1 | 33.3 | 33.6 | 33.8 | 34.1 |
| 112 | 29.6 | 29.8 | 30.1 | 30.4 | 30.6 | 30.9 | 31.2 | 31.4 | 31.7 | 32 | 32.2 | 32.5 | 32.7 | 33 | 33.2 | 33.5 |

$$Percent\ Solids = \frac{Wt/Ft3}{SGx62.4} x100$$