Standard Classification for Sizes of Aggregate for Road and Bridge Construction

Size Number	Nominal Size, Square Openings	Amounts Finer than Each Laboratory Sieve (Square Openings), Weight Percent														
		4 in. (100-mm)	3½-in. (90-mm)	3-in. (75-mm)	2½-in. (63-mm)	2-in. (50-mm)	1½-in. (37.5-mm)	1-in. (25.0-mm)	¾-in. (19.0-mm)	½-in. (12.5-mm)	⅜-in. (9.5-mm)	No. 4 (4.75-mm)	No. 8 (2.36-mm)	No. 16 (1.18-mm)	No. 50 (300-µm)	No. 100 (150-µm)
1	3 ½- to 1 ½-in. (90 to 37.5-mm)	100	90–100	—	25–60	—	0–15	—	0–5	—	—	—	—	—	—	—
2	2 ½- to 1 ½-in. (63 to 37.5-mm)	—	—	100	90–100	35–70	0–15	—	0–5	—	—	—	—	—	—	—
24	2 ½- to ¾-in. (63 to 19.0-mm)	—	—	100	90–100	—	25–60	—	0–10	0–5	—	—	—	—	—	—
3	2- to 1-in. (50 to 25.0-mm)	—	—	—	100	90–100	35–70	0–15	—	0–5	—	—	—	—	—	—
357	2-in. to No. 4 (50 to 4.75-mm)	—	—	—	100	95–100	—	35–70	—	10–30	—	0–5	—	—	—	—
4	1 ½- to ¾-in. (37.5 to 19.0-mm)	—	—	—	—	100	90–100	20–55	0–15	—	0–5	—	—	—	—	—
467	1 ½-in. to No.4 (37.5 to 4.75-mm)	—	—	—	—	100	95–100	—	35–70	—	10–30	0–5	—	—	—	—
5	1- to ½-in. (25.0 to 12.5-mm)	—	—	—	—	—	100	90–100	20–55	0–10	0–5	—	—	—	—	—
56	1- to ⅜-in. (25.0 to 9.5-mm)	—	—	—	—	—	100	90–100	40–85	10–40	0–15	0–5	—	—	—	—
57	1-in. to No. 4 (25.0 to 4.75-mm)	—	—	—	—	—	100	95–100	—	25–60	—	0–10	0–5	—	—	—
6	¾- to ⅜-in. (19.0 to 9.5-mm)	—	—	—	—	—	—	100	90–100	20–55	0–15	0–5	—	—	—	—
67	¾-in. to No. 4 (19.0 to 4.75-mm)	—	—	—	—	—	—	100	90–100	—	20–55	0–10	0–5	—	—	—
68	¾-in. to No. 8 (19.0 to 2.36-mm)	—	—	—	—	—	—	100	90–100	—	30–65	5–25	0–10	0–5	—	—
7	½-in. to No. 4 (12.5 to 4.75-mm)	—	—	—	—	—	—	—	100	90–100	40–70	0–15	0–5	—	—	—
78	½-in. to No. 8 (12.5 to 2.36-mm)	—	—	—	—	—	—	—	100	90–100	40–75	5–25	0–10	0–5	—	—
8	⅜-in. to No. 8 (9.5 to 2.36-mm)	—	—	—	—	—	—	—	—	100	85–100	10–30	0–10	0–5	—	—
89	⅜-in. to No. 16 (9.5 to 1.18-mm)	—	—	—	—	—	—	—	—	100	90–100	20–55	5–30	0–10	0–5	—
9	No. 4 to No. 16 (4.75 to 1.18-mm)	—	—	—	—	—	—	—	—	—	100	85–100	10–40	0–10	0–5	—
10	No. 4 to 0[A] (4.75-mm)	—	—	—	—	—	—	—	—	—	100	85–100	—	—	—	10–30

GRADATION OF #610 LIMESTONE

Sieve Size	%Passing
1 ½"	100
1"	90-100
¾"	70-95
3/8"	50-80
#4	35-65
#10	25-50
#40	10-26
#200	4-12