

PROPOSED DRAFT
February 2015

TABLE 701-15
GRADE S MIXTURE DESIGN AND PRODUCTION REQUIREMENTS

¾-inch (19 mm), ½-inch (12.5 mm) and ⅜-inch (9.5 mm) Nom. Max. Aggregate Size

Number of Compactive Gyration			% of Rice			Coarse Agg Angularity	VMA %			VFA %	VTM % (Air Voids)
Initial (N _{ini})	Design (N _{des})	Max (N _{max})	Max @ N _{ini}	Max @ N _{des}	Max @ N _{max}	1 face / 2 face	Min @ N _{des} (¾")	Min @ N _{des} (½")	Min @ N _{des} (⅜")	Range @ N _{des}	Range @ N _{des}
7	75	115	91.5	96 to 96.6	98	75/ -	≥ 13.0	≥ 14.5	≥ 15.0 ³	70 to 80 ³	3.4 to 4.0
			90.5			85/80				65 to 80	
			89			95/90					

Deleted: 5
Deleted: 78

Notes:

1. If ESAL's are not specified in the contract, use the 0.3 to 10 million ESAL design requirements in Table 701-15 to develop the mix design, unless otherwise directed by the Project Manager.
2. In addition to meeting the DP requirement at mix design, report the D/A for the mix design target asphalt content.
3. Mix Design value only. Meet the requirements of Table 701-18 during job mix production.

NO COMMENTS

FINAL
EFFECTIVE July 14, 2016

TABLE 701-15
GRADE S MIXTURE DESIGN AND PRODUCTION REQUIREMENTS

¾-inch (19 mm), ½-inch (12.5 mm) and ⅜-inch (9.5 mm) Nom. Max. Aggregate Size

Number of Compactive Gyration			% of Rice			Coarse Agg Angularity	VMA %			VFA %	VTM % (Air Voids)
Initial (N _{ini})	Design (N _{des})	Max (N _{max})	Max @ N _{ini}	Max @ N _{des}	Max @ N _{max}	1 face / 2 face	Min @ N _{des} (¾")	Min @ N _{des} (½")	Min @ N _{des} (⅜")	Range @ N _{des}	Range @ N _{des}
7	75	115	91.5	96 to 96.6	98	75/ -	≥ 13.0	≥ 14.5	≥ 15.0 ³	70 to 80 ³	3.4 to 4.0
			90.5			85/80				65 to 80	
			89			95/90					

Notes:

1. If ESAL's are not specified in the contract, use the 0.3 to 10 million ESAL design requirements in Table 701-15 to develop the mix design, unless otherwise directed by the Project Manager.
2. In addition to meeting the DP requirement at mix design, report the D/A for the mix design target asphalt content.
3. Mix Design value only. Meet the requirements of Table 701-18 during job mix production.