

T422
01-02

West Virginia Division Of Highways
Superpave Hot-Mix Asphalt Field Design Verification Form

T400 Number: _____ Producer: _____
Mix Type: _____ Plant Technician: _____
Verification Accepted: _____ Rejected: _____ DOH Tech: _____

Sample Lab Number	Date	Time	Percent Asphalt	Percent Air Voids	Percent VMA	Percent VFA	Maximum Sp. Gravity
						Average	
Maximum Density - kg/m ³ (Average Maximum Specific Gravity x 1000)							

Design Property	Approved Design Property Values	Design Criteria Table 401.02.28A and B		Verified Plant Production Targets	
		Minimum	Maximum	Minimum	Maximum
Percent Asphalt		NA	NA		
Percent Air Voids	4.0	3.0	5.0	2.8	5.2
Percent VMA			NA		
Percent VFA				Lab Info Only	
Maximum Density *		NA			

A minimum of three verification samples are required. If none of the first three samples meet all of the requirements of Table 401.02.29A and the gradation requirements of Table 401.02.29B, then three additional samples will be required.

If, after six samples, the Division determines that the mix cannot be produced within specification limits, then a new mix design will be required.

* After new plant production targets are established, the target maximum density for compaction control shall be calculated from the average of the maximum specific gravity of the field verification samples.

After the design verification is completed, this form shall be forwarded to the Contract Administration, Materials Section through the District Materials Section.