

Equipment Checklist

FM 3-C 535 Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine

		P	F	N/A
Item				
1.	Los Angeles Machine – conforming to the requirements of FM 1-T096			
2.	Equipped with a counter			
3.	Hollow steel cylinder closed at both ends			
4.	Inside diameter of $711 \pm 5\text{mm}$ or 706 to 716mm			
	Inside length of $508 \pm 5\text{mm}$ or 503 to 513			
5.	Cylinder made of 12.7mm rolled steel			
6.	Ends at least 12.7mm thick			
7.	Cylinder mounted on stub shafts attached at ends but not entering cylinder			
8.	Dust-tight cover, Means for bolting cover in place			
9.	Cover designed with same contour as cylinder			
10.	If not shelf so located that charge does not fall on cover or come in contact			
11.	Removable steel shelf $89 \pm 2\text{mm}$ or 87 to 91 and bolted to inside of drum firm and rigid			
12.	Distance from shelf to opening measured on outside of drum in direction of rotation not less than 1270mm			
13.	Shaft bearings mounted on concrete piers or other rigid supports			
14.	Maintenance of shelf, not bent, Properly aligned, Ridge does not exceed 2mm in height			
15.	Sieves – conforming to the specifications of AASHTO M231			
16.	Balance is accurate within 0.1% of the test load over the range required for this test			
17.	Charge- 12 steel spheres			
18.	Average approximately 47 mm in diameter			
19.	Mass of each between 390 and 445g			
20.	Total Mass of $5000 \pm 25\text{g}$			

Remarks:

Date: _____ Technician: _____ IA Observer: _____

Technician's E-mail Address: _____

Employer's/Supervisor's E-mail Address: _____