

## IA Checklist

### R 47 Reducing Samples of Hot Mix Asphalt (HMA) to Testing Size

Splitter (Type A (Quartermaster) or Type B (Riffle))		P	F	NA
1	Was splitter cleaned and lubed, and in good working condition.			
2	Was the splitter lubed with an agent that wouldn't affect asphalt binder properties?(Not solvent or petroleum based product)			
3	How many <b>equal-width</b> chutes are required on a riffle splitter and what are the requirements for the width of the chutes? No fewer than 8 (Large Splitter), no fewer than 12 (Small Splitter). Minimum width approximately 50% larger than the largest particle to be split.			
4	Was the flow of material controlled to flow smoothly without restrictions or loss of material?			
5	Were the correct weights split out for required test?			
<b>Quartering Method</b>				
1	Was a quartering template used or a straightedge(large spatula, trowel or metal straightedge)?			
2	Was sample placed on clean nonstick surface?			
3	Was material mixed thoroughly, by turning entire sample over a minimum of 4 times, and creating a conical pile?			
4	Was conical pile flattened to proper size? Diameter <b>should be approximately</b> four to eight times the thickness.			
5	Was sample divided into four equal quarters?			
6	Were the two diagonally opposite quarters "completely" removed?			
7	Was the remaining sample correctly remixed for further sampling?			

**Remarks:**