DETERMINATION OF ASPHALT CONTENT

(Dulin - Rotarex Extractor)

PROJECT	DATE

LINE NO.	ITEM		UNIT	1	2
1.	Weight of original sample and tare		g		
2.	Weight of tare		g		
3.	Weight of original sample	*(1 - 2)*	g		
4.	Weight of clean aggregate and tare		g		
5.	Weight of tare		g		
6.	Weight of clean aggregate	*(4 - 5)*	g		
7.	Final weight of filter paper		g		
8.	Initial weight of filter paper		g		
9.	Weight of filler in filter paper		g		
10.	Total amount of solvent		cm^3		
11.	Amount of solvent evaporated and ignited		cm^3		
12.	Final weight of evaporation dish and residue		g		
13.	Initial weight of clean evaporation dish		g		
14.	Amount of filler in evaporation dish	*(12 - 13)*	g		
15.	Amount of filler in total solvent	$(\frac{10}{11} \times 14)$	g		
16.	Total amount of aggregate in sample	*(6 + 9 + 15)*	g		
17.	Percentage asphalt	$(\frac{3 - 16}{6} \times 100)$	%		

REMARKS

TECHNICIAN	COMPUTED BY	CHECKED BY

DD Form 1793, FEB 71

Reset

Adobe Professional 7.0