COLORADO DEPARTMENT OF TRANSPORTATION

NUCLEAR ASPHALT CONTENT CORRELATION

Contractor	Form #43 No.	Contract ID	Date Completed
HMA Supplier	Form #43 Date:	Project No.	
Plant	Job Mix Formula % AC	Project Location	
Binder Source	Grading / Binder	Aggregate source	
		Gauge No.	Correlation no.
		Background count Start	Finish

Dry Aggregate Information

A. Base weight _____g A' Base weight (mix) _____g

B. Gauge count on dry aggregate _____

Correlation

		Cor. Pan 1	Cor. Pan 2	Cor. Pan 3	Cor. Pan 4
C.	Weight of dry aggregate	_____g	_____g	_____g	_____g
D.	Percent asphalt required	_____%	_____%	_____%	_____%
E.	Weight of asphalt required ($\frac{C \times D}{100 - D}$)	_____g	_____g	_____g	_____g
F.	Desired weight of mix (C + E)	_____g	_____g	_____g	_____g
G.	Actual weight of aggregate and asphalt	_____g	_____g	_____g	_____g
H.	Actual weight of asphalt in mix (G - C)	_____g	_____g	_____g	_____g
I.	Actual % of asphalt in mix ($\frac{H}{G}$ x 100)	_____%	_____%	_____%	_____%
J.	Gauge count on mix sample	_____	_____	_____	_____
K.	Deviation	_____	_____	_____	_____

L. Correlation temperature _____

M. Slope _____ Intercept_____ Correlation factor _____

Tested by: (print name)	Title	Check pan by:
Remarks:	Witnessed by: (print name)	AC mixed at, %
		Gauge count:
		% AC by gauge: