APPENDIX 'H'

TEMPERATURE-VOLUME CORRECTIONS FOR ASPHALTIC MATERIALS
(METRIC UNITS)

Actual	Volume Factor		Actual	Volume Factor		Actual	Volume Factor		Actual	Volume Factor	
°C	A*	B*	°C	A*	B*	°C	A*	B*	°C	A*	B*
-25.0	1.0290	1.0254	-5.0	1.0144	1.0126	15.0	1.0000	1.0000	35.0	0.9857	0.9875
-24.5	1.0286	1.0251	-4.5	1.0140	1.0123	15.5	0.9996	0.9997	35.5	0.9854	0.9872
-24.0	1.0283	1.0248	-4.0	1.0137	1.0120	16.0	0.9993	0.9994	36.0	0.9850	0.9869
-23.5	1.0279	1.0244	-3.5	1.0133	1.0117	16.5	0.9989	0.9991	36.5	0.9847	0.9866
-23.0	1.0276	1.0241	-3.0	1.0130	1.0114	17.0	0.9986	0.9988	37.0	0.9843	0.9863
-22.5	1.0272	1.0238	-2.5	1.0126	1.0111	17.5	0.9982	0.9985	37.5	0.9840	0.9860
-22.0	1.0268	1.0235	-2.0	1.0122	1.0107	18.0	0.9978	0.9981	38.0	0.9836	0.9856
-21.5	1.0265	1.0232	-1.5	1.0119	1.0104	18.5	0.9976	0.9978	38.5	0.9833	0.9853
-21.0	1.0261	1.0228	-1.0	1.0115	1.0101	19.0	0.9971	0.9975	39.0	0.9829	0.9850
-20.5	1.0258	1.0225	-0.5	1.0112	1.0098	19.5	0.9968	0.9972	39.5	0.9826	0.9847
-20.0	1.0254	1.0222	0.0	1.0108	1.0095	20.0	0.9964	0.9969	40.0	0.9822	0.9844
-19.5	1.0250	1.0219	0.5	1.0104	1.0092	20.5	0.9961	0.9966	40.5	0.9819	0.9841
-19.0	1.0247	1.0216	1.0	1.0101	1.0089	21.0	0.9957	0.9963	41.0	0.9815	0.9838
-18.5	1.0243	1.0212	1.5	1.0970	1.0085	21.5	0.9954	0.9959	41.5	0.9812	0.9835
18.0	1.0239	1.0209	2.0	1.0094	1.0082	22.0	0.9950	0.9956	42.0	0.9808	0.9832
-17.5	1.0236	1.0206	2.5	1.0090	1.0079	22.5	0.9947	0.9953	42.5	0.9805	0.9829
-17.0	1.0232	1.0203	3.0	1.0086	1.0076	23.0	0.9943	0.9950	43.0	0.9801	0.9825
-16.5	1.0228	1.0200	3.5	1.0083	1.0073	23.5	0.9940	0.9947	43.5	0.9798	0.9822
-16.0	1.0224	1.0196	4.0	1.0079	1.0069	24.0	0.9936	0.9943	44.0	0.9794	0.9819
-15.5	1.0221	1.0193	4.5	1.0076	1.0066	24.5	0.9933	0.9940	44.5	0.9791	0.9816
-15.0	1.0217	1.0190	5.0	1.0072	1.0063	25.0	0.9929	0.9937	45.0	0.9787	0.9813
-14.5	1.0213	1.0187	5.5	1.0068	1.0060	25.5	0.9925	0.9934	45.5	0.9784	0.9810
-14.0	1.0210	1.0184	6.0	1.0065	1.0057	26.0	0.9922	0.9931	46.0	0.9780	0.9807
-13.5	1.0206	1.0180	6.5	1.0061	1.0053	26.5	0.9918	0.9928	46.5	0.9777	0.9804
-13.0	1.0203	1.0177	7.0	1.0058	1.0050	27.0	0.9915	0.9925	47.0	0.9773	0.9801
-12.5	1.0199	1.0174	7.5	1.0054	1.0047	27.5	0.9911	0.9922	47.5	0.9770	0.9798
-12.0	1.0195	1.0171	8.0	1.0050	1.0044	28.0	0.9907	0.9918	48.0	0.9766	0.9794
-11.5	1.0192	1.0168	8.5	1.0047	1.0041	28.5	0.9904	0.9915	48.5	0.9763	0.9791
-11.0	1.0188	1.0164	9.0	1.0043	1.0037	29.0	0.9900	0.9912	49.0	0.9759	0.9788
-10.5	1.0185	1.0161	9.5	1.0040	1.0034	29.5	0.9897	0.1100	49.5	0.9756	0.9785
-10.0	1.0181	1.0158	10.0	1.0036	1.0031	30.0	0.9893	0.9906	50.0	0.9752	0.9782
-9.5	1.0177	1.0155	10.5	1.0032	1.0028	30.5	0.9889	0.9903	50.5	0.9749	0.9779
-9.0	1.0174	1.0152	11.0	1.0029	1.0025	31.0	0.9886	0.9900	51.0	0.9745	0.9776
-8.5	1.0170	1.0148	11.5	1.0025	1.0022	31.5	0.9882	0.9897	51.5	0.9742	0.9773
-8.0	1.0166	1.0145	12.0	1.0022	1.0019	32.0	0.9879	0.9894	52.0	0.9738	0.9770
-7.5	1.0163	1.0142	12.5	1.0018	1.0016	32.5	0.9875	0.9891	52.5	0.9735	0.9767
-7.0	1.0159	1.0139	13.0	1.0014	1.0012	33.0	0.9871	0.9887	53.0	0.9731	0.9763
-6.5	1.0155	1.0136	13.5	1.0011	1.0009	33.5	0.9868	0.9884	53.5	0.9728	0.9760
-6.0	1.0151	1.0132	14.0	1.0007	1.0006	34.0	0.9864	0.9881	54.0	0.9724	0.9757
-5.5	1.0148	1.0129	14.5	1.0004	1.0003	34.5	0.9861	0.9878	54.5	0.9721	0.9754

* Use column A factors for asphalts with a specific gravity between 0.8495 and 0.9653 at 15° C
Use column B factors for asphalts with a specific gravity above 0.9654 at 15° C