

PEMS TEST FAMILY	Make	commercial name	transmission	variant	version	Type Approval Measurements										RDE-max				test driven by	cold test	warm test		
						NOx_total_E mroad [mg/km]	CO_total_E mroad [mg/km]	PN_total_E Emroad [#/km]	NOx_urban Emroad [mg/km]	CO_urban Emroad [mg/km]	PN_urban Emroad [#/km]	NOx_total_C ear [mg/km]	CO_total_C ear [mg/km]	PN_total_C lear [#/km]	NOx_urban Clear [mg/km]	CO_urban_C lear [mg/km]	PN_urban _Clear [#/km]	Complete RDE trip: NOx [mg/km]	Complete RDE trip: PN [#/km]				Urban RDE trip: NOx [mg/km]	Urban RDE trip: PN [#/km]
1-WBA-08	BMW	220i	Automatic	2M31	??1????	17.2	102.4		12.2	22.8		n.a.	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	TS		
1-WBA-08	BMW	230i	Automatic	2H71	??1????	67.6	78.2		38.3	17.9		n.a.	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	TS		
1-WBA-08	BMW	X3 sDrive20i	x	TR31	??W????	4.4	134.3	9.7E+09	5.2	84.1	1.9E+10	n.a.	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	BMW	x	
1-WBA-08	BMW	X3 sDrive20i	Automatic	TR31	??W????	5.7	180.6	1.0E+10	7.7	59.4	8.8E+09	10.4	222.5	1.6E+10	14.8	115.4	1.9E+10	126.0	6.0E+11	126.0	6.0E+11	TS		
1-WBA-08	BMW	X3 sDrive20i	x	TR31	??W????	5.7	180.6	1.0E+10	7.7	59.4	8.8E+09	n.a.	n.a.		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	BMW		x
1-WBA-08	BMW	X3 xDrive20i	Automatic	TR51	??W????	1.6	32.9	1.4E+09	3.9	2.9	2.2E+09							126.0	6.0E+11	126.0	6.0E+11	BMW		
1-WBA-08	BMW	X3 xDrive20i	Automatic	TR51	??W????	1.6	236.2	1.4E+09	3.9	75.2	2.2E+09	4.9	355.3	6.2E+09	12.2	200.6	1.3E+10	126.0	6.0E+11	126.0	6.0E+11	TS		
1-WBA-08	BMW	330i	Automatic	8A71	??W????	0.0	550.6	1.1E+10	0.2	225.8	2.1E+10	3.4	640.6	3.2E+10	9.3	415.5	7.4E+10	126.0	6.0E+11	126.0	6.0E+11	BMW	x	
1-WBA-08	BMW	420i	Automatic	4S31	??W????	15.9	89.3	3.5E+09	19.1	15.3	7.7E+09	19.7	120.1	5.8E+09	23.4	62.6	1.4E+10	126.0	6.0E+11	126.0	6.0E+11	TS	x	
1-WBA-08	BMW	320i xDrive	Automatic	8A51	??W????	2.4	296.1	2.6E+09	2.1	169.1	5.9E+09	8.5	412.0	1.2E+10	16.0	339.7	2.7E+10	126.0	6.0E+11	126.0	6.0E+11	TS	x	
1-WBA-08	BMW	220i	Automatic	2M31	??W????	0.8	200.5	4.2E+09	1.8	87.5	8.8E+09	3.6	271.4	9.0E+09	8.7	154.5	1.7E+10	126.0	6.0E+11	126.0	6.0E+11	BMW	x	
1-WBA-08	BMW	520i	Automatic	JT91	??W????	6.9	90.0	8.7E+10	10.5	14.1	1.4E+11	9.7	113.5	9.4E+10	19.2	35.5	1.4E+11	126.0	6.0E+11	126.0	6.0E+11	TS		x
1-WBA-08	BMW	520i	Automatic	IT91	??W????	7.5	139.0	9.1E+10	6.6	62.3	1.4E+11	13.0	172.8	1.5E+11	23.1	94.6	2.5E+11	126.0	6.0E+11	126.0	6.0E+11	TS	x	
1-WBA-08	BMW	230i	Automatic	2H71	??W????	2.9	146.4	1.2E+09	4.6	36.0	1.7E+09	6.0	228.2	3.1E+09	12.1	124.0	6.2E+09	126.0	6.0E+11	126.0	6.0E+11	BMW	x	