

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 mroad [#/km]	NOx_urban Emroad [mg/km]	CO_urban Emroad [mg/km]	PN_urban Emroad [#/km]	NOx_total_Cl ear [mg/km]	CO_total_Cl ear [mg/km]	PN_total_Cl ear [#/km]	NOX_urban Clear [mg/km]	CO_urban_Cl ear [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-D5	BMW	316d	Automatic	8F91	??W????	4.7	23.7	2.2E+10	28.0	20.7	6.1E+10	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	BMW	x	
1-WBA-D5	BMW	316d	Automatic	8F91	??W????	37.1	42.0	2.3E+09	73.7	55.0	2.5E+09	42.2	65.8	2.4E+09	81.2	26.9	2.8E+09	n.a.	n.a.	n.a.	n.a.	n.a.	TS		x
1-WBA-D5	BMW	118d xDrive	Manual	1U51	??W????	94.6	9.8	5.5E+09	179.4	8.8	7.6E+09	69.5	27.8	9.8E+09	126.5	55.0	2.0E+10	n.a.	n.a.	n.a.	n.a.	n.a.	TS	x	
1-WBA-D5	BMW	120d	Manual	1572	??W????	28.3	7.5	2.8E+10	53.0	9.9	3.0E+10	26.4	20.3	3.5E+10	41.5	41.6	5.1E+10	n.a.	n.a.	n.a.	n.a.	n.a.	TS	x	
1-WBA-D5	BMW	120d	Manual	1572	??W????	82.7	7.7	2.8E+11	90.8	0.6	5.0E+10	80.7	11.0	3.0E+11	86.0	5.2	1.7E+11	n.a.	n.a.	n.a.	n.a.	n.a.	TS		x
1-WBA-D5	BMW	320d xDrive	Automatic	8C91	??W????	31.7	0.0	1.3E+10	48.1	0.0	3.5E+10	35.8	0.0	1.0E+11	64.4	0.0	3.0E+11	n.a.	n.a.	n.a.	n.a.	n.a.	BMW	x	
1-WBA-D5	BMW	320d	Automatic	8H91	??W????	19.8	4.8	2.9E+10	42.8	3.6	7.6E+10	16.9	10.4	1.1E+11	27.7	12.1	3.3E+11	n.a.	n.a.	n.a.	n.a.	n.a.	TS	x	
1-WBA-D5	BMW	320d Efficient Dynamics	Manual	8D11	??W????	5.2	4.1	2.4E+10	13.6	15.2	5.5E+10	10.1	25.6	9.4E+10	26.3	71.7	2.4E+11	n.a.	n.a.	n.a.	n.a.	n.a.	TS	x	
1-WBA-D5	BMW	318d	Automatic	8X11	??W????	8.0	0.8	5.9E+10	13.5	0.7	5.9E+10	7.9	1.6	1.4E+11	12.5	1.1	3.8E+11	n.a.	n.a.	n.a.	n.a.	n.a.	TS	x	
1-WBA-D5	BMW	318d	Automatic	8X11	??W????	15.5	2.1	3.6E+09	19.5	0.9	2.1E+09	16.6	2.9	4.0E+09	22.5	0.2	3.0E+09	n.a.	n.a.	n.a.	n.a.	n.a.	TS		x
1-WBA-D5	BMW	120d xDrive	Automatic	1T12	??W????	18.2	45.7	2.9E+10	32.5	69.1	7.3E+10	17.9	57.1	9.6E+10	29.1	95.1	2.8E+11	n.a.	n.a.	n.a.	n.a.	n.a.	TS	x	
1-WBA-D5	BMW	320d xDrive	Automatic	8C91	??W????	31.7	0.0	1.3E+10	47.9	0.0	3.5E+10	37.2	0.0	1.0E+11	65.9	0.0	3.1E+11	168.0	6.0E+11	168.0	6.0E+11	168.0	BMW	x	
1-WBA-D5	BMW	320d	Automatic	8H91	??W????	17.4	4.3	2.7E+10	37.1	3.4	7.2E+10	15.2	10.2	1.1E+11	24.7	11.7	3.2E+11	168.0	6.0E+11	168.0	6.0E+11	168.0	TS	x	
1-WBA-D5	BMW	316d	Automatic	8F91	??W????	15.2	22.4	2.2E+10	27.9	19.6	6.1E+10	14.7	31.7	9.9E+10	18.8	40.5	2.5E+11	168.0	6.0E+11	168.0	6.0E+11	168.0	BMW	x	
1-WBA-D5	BMW	316d	Automatic	8F91	??W????	37.0	39.7	2.3E+09	73.5	52.0	2.5E+09	42.1	62.3	2.4E+09	81.0	25.4	2.8E+09	168.0	6.0E+11	168.0	6.0E+11	168.0	BMW		x
1-WBA-D5	BMW	318d	Automatic	8X11	??W????	7.9	0.8	2.2E+10	13.4	0.6	5.7E+10	7.4	1.5	1.4E+11	11.4	1.1	3.6E+11	168.0	6.0E+11	168.0	6.0E+11	168.0	TS	x	
1-WBA-D5	BMW	318d	Automatic	8X11	??W????	12.5	2.5	2.2E+09	14.8	2.6	2.2E+09	13.5	2.7	3.3E+09	17.3	2.9	2.8E+09	168.0	6.0E+11	168.0	6.0E+11	168.0	TS		x
1-WBA-D5	BMW	120d xDrive	Automatic	1T11	??W????	18.1	48.4	2.8E+10	32.2	73.0	7.0E+10	18.6	61.9	9.5E+10	30.0	102.5	2.8E+11	168.0	6.0E+11	168.0	6.0E+11	168.0	TS	x	