

According to regulation 2018/1832 and 2023/443

Technical Criteria for PEMS TEST FAMILY

2-VNV-E01

According to regulation 2018/1832 and 2023/443		Technical Criteria for PEMS TEST FAMILY	2-VNV-E01
	Type de propulsion (§3.2.1)	:	moteur à combustion interne
	Propulsion type	:	internal combustion engine
	Type(s) de carburant(s) (§3.2.2)	:	essence
	Type of fuel	:	gasoline
	Processus de combustion (§3.2.3)	:	4 temps
	Combustion process	:	4 stroke
	Nombre de cylindres (§3.2.4)	:	4
	Number of cylinders	:	
	Configuration du bloc-cylindres (§3.2.5)	:	en ligne
	Configuration of the cylinder block	:	in line
	Cylindrée maximale (cm3) (§3.2.6)	:	1332
	Maximum engine volume (Displacement) (cm3)	:	
	Alimentation de carburant (§3.2.7)	:	directe
	Method of engine fuelling	:	direct
	Type de refroidissement (§3.2.8)	:	eau
	Type of cooling system	:	water
	Alimentation en air (§3.2.9)	:	turbocompresseur à géométrie fixe
	Method of aspiration	:	fixed geometry turbocharger
	Types et séquence des composants de post-traitement (§3.2.10)	:	3WC + GPF + 3WC
	Types and sequence of exhaust after-treatment components	:	
	Recirculation des gaz imbrûlés (§3.2.11)	:	sans
	Exhaust Gas Recirculation	:	without

Vehicle identification (§5.3)		Identification of PEMS TEST FAMILY (MS-OEM-X-Y)										Criteria for PEMS TEST Vehicle Selection										Justification for PEMS tests										PEMS test results (corrected with KI if applicable)								Declared maximum RDE values			
		PEMS TEST FAMILY		Interpolation family		N° fiche	Combinaison de carburant (§4.2.1) "carburant essayé"	Rapport poids puissance essayé (W/kg) (§4.2.2)	Rapport poids puissance banc (W/kg) (§4.2.2)	Rapport poids puissance haut (W/kg) (§4.2.2)	Transmission (§4.2.3)	Routes motrices (§4.2.4)	Cylindre(s) (§4.2.5)	Post-traitement (§4.2.6)	Conducteur (§4.1.3)	Partage de conduite (§4.1.3)	Carburant (§4.2.1)	PMRH (W/kg) (§4.2.2a)	PMLR (W/kg) (§4.2.2b)	Transmission (§4.2.3)	AWD (§4.2.4)	Cyclindrée (§4.2.5)		Post-traitement (§4.2.6)	Nombre de type(s) essai(s) à froid (§4.2.8)			Nombre de type(s) essai(s) à chaud (§4.2.8)	PV essai	Verification Method 1 (Appendix 5)													
																						Engine capacity (cm3)	Aftertreatment		Number of emissions type	Number of type(s) tested with cold start	Number of type(s) tested with hot start			Test report	Total Mw,Nox,d (mg/km)	Total Mw,CO,d (mg/km)	Total Mw,Pn,d (mg/km)	Urban Mw,Nox,d,U (mg/km)	Urban Mw,CO,d,U (mg/km)	Urban Mw,Pn,d,U (mg/km)	Total Mw,Nox,d (mg/km)	Total Mw,Pn,d (mg/km)	Urban Mw,Nox,d,U (mg/km)				
Market name	EU Type approval n°	Type Variant Version	Certificate number	Combinaison of fuel "tested fuel"	PMR tested (W/kg)	PMLR (W/kg)	PMRH (W/kg)	Transmission	Driven axles	Engine capacity (cm3)	Aftertreatment	Driver	Driving share	Fuel	PMRH (W/kg) (§4.2.2a)	PMLR (W/kg) (§4.2.2b)	Transmission	Engine capacity (cm3)	Aftertreatment	Number of emissions type	Number of type(s) tested with cold start	Number of type(s) tested with hot start	Test report	Total Mw,Nox,d (mg/km)	Total Mw,CO,d (mg/km)	Total Mw,Pn,d (mg/km)	Urban Mw,Nox,d,U (mg/km)	Urban Mw,CO,d,U (mg/km)	Urban Mw,Pn,d,U (mg/km)	Total Mw,Nox,d (mg/km)	Total Mw,Pn,d (mg/km)	Urban Mw,Nox,d,U (mg/km)	Urban Mw,CO,d,U (mg/km)										
Nissan Townstar Combi Tce 100	-	No TVV	2-VNV-E01-00 (cold start)	IP-FK81MAPTL48_000-VNV-0	2018/1832AP*1387*00	gasoline	46.15	46.15	47.44	manual	front	1332	3WC + GPF + 3WC	UTAC	100%	x	x	x	x	x	(1)	x(1)	(0)	21/07603	6.3	88.1	0.23	15.1	102.4	0.15	60	6.00	60	6.00									
Nissan Townstar Combi Tce 100	-	No TVV	2-VNV-E01-00 (cold start)	IP-FK81MAPTL48_000-VNV-0	2023/443EA*1387*00	gasoline	46.15	46.15	47.44	manual	front	1332	3WC + GPF + 3WC	UTAC	100%	x	x	x	x	x	(1)	x(1)	(0)	21/07603	6.3	88.1	0.23	15.1	102.4	0.15	60	6.00	60	6.00									
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Nissan Townstar Combi Tce 100	e2*2018/858*00024	NFKNFAM86A464A1000	2-VNV-E01-02 (cold start)	IP-FK81MBPTL48_000-VNV-0	2023/443EA*1387*00	gasoline	60.72	59.08	60.72	manual	front	1332	3WC + GPF + 3WC	UTAC	100%	x	x	x	x	x	(2)	x(2)	(1)	21/07612	6.1	119.6	0.19	16.3	122.3	0.15	60	6.00	60	6.00									
Nissan Townstar Combi Tce 130	e2*2018/858*00024	NFKNFAM86A464A1000	2-VNV-E01-02 (cold start)	IP-FK81MBPTL48_000-VNV-0	2018/1832AP*1376*00	gasoline	60.72	59.08	60.72	manual	front	1332	3WC + GPF + 3WC	UTAC	100%	x	x	x	x	x	(2)	x(2)	(1)	21/07612	6.1	119.6	0.19	16.3	122.3	0.15	60	6.00	60	6.00									
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Nissan Townstar Combi Tce 130	e2*2018/858*00024	NFKNFAM86A464A1080	2-VNV-E01-02 (cold start)	IP-FK81MBPTL48_000-VNV-0	2023/443EA*1376*00	gasoline	60.72	59.08	60.72	manual	front	1332	3WC + GPF + 3WC	UTAC	100%	x	x	x	x	x	(2)	x(2)	(1)	21/07612	6.1	119.6	0.19	16.3	122.3	0.15	60	6.00	60	6.00									
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