



NO_x- and CO₂-Measurements on Euro 6 passenger car on the road

Renault Captur 1.5 dCi 110

Technical details

Modell / First registered	Renault Captur 1.5 dCi / 03.2016
Cubic capacity	1.461 cm ³
Performance	81 kW
Fuel	Diesel
Standard	EURO 6
Exhaust aftertreatment system	Oxi-Kat, EGR
Mileage	17.723

Summary of all ten tests

Average CO ₂ in g/km	119
Average NO _x in mg/km	866
Factor to limit value NO _x Euro 6 Diesel (80 mg/km)	10,8

Summary of three tests < 17 degrees Celsius

Average CO ₂ in g/km	118
Average NO _x in mg/km	1316
Factor to limit value NO _x Euro 6 Diesel (80 mg/km)	16,5

Summary of seven tests ≥ 17 degrees Celsius

Average CO ₂ in g/km	120
Average NO _x in mg/km	674
Factor to limit value NO _x Euro 6 Diesel (80 mg/km)	8,4

TEST 1	
Date	09/21/2016
Start time	12:57:48 pm
End time	1:40:28 pm
Test duration (min)	43
NonIdleDurationTimeNumber (s)	2222
Average Ambient Temperature (deg C) ¹	19,5°
Total distance (km)	31,27
Total fuel consumption (l)	1,36
Fuel consumption (l/100 km)	4,36
Emissions	
CO2 (g/km)	118
CO (mg/km)	96
NOx (mg/km)	481
kNOx (mg/km)	458

TEST 2	
Date	09/21/2016
Start time	4:30:11 pm
Endzeit	5:19:04 pm
Test duration (min)	49
NonIdleDurationTimeNumber (s)	2335
Average Ambient Temperature (deg C) ²	20,1°
Total distance (km)	31,27
Total fuel consumption (l)	1,46
Fuel consumption (l/100 km)	4,66
Emissions	
CO2 (g/km)	126
CO (mg/km)	111
NOx (mg/km)	891
kNOx (mg/km)	843

¹ measured on the vehicle, weather station Berlin Zehlendorf: 18° Celsius

² measured on the vehicle, weather station Berlin Zehlendorf: 20° Celsius

TEST 3	
Date	09/22/2016
Start time	9:53:21 am
Endzeit	10:34:36 am
Test duration (min)	41
NonIdleDurationTimeNumber (s)	2095
Average Ambient Temperature (deg C) ³	15,5°
Total distance (km)	31,43
Total fuel consumption (l)	1,26
Fuel consumption (l/100 km)	4,02
Emissions	
CO2 (g/km)	108
CO (mg/km)	155
NOx (mg/km)	1264
kNOx (mg/km)	1161

TEST 4	
Date	09/23/2016
Start time	10:38:12 am
Endzeit	11:32:27 am
Test duration (min)	54
NonIdleDurationTimeNumber (s)	2798
Average Ambient Temperature (deg C) ⁴	17,4°
Total distance (km)	31,23
Total fuel consumption (l)	1,42
Fuel consumption (l/100 km)	4,55
Emissions	
CO2 (g/km)	123
CO (mg/km)	192
NOx (mg/km)	779
kNOx (mg/km)	735

³ measured on the vehicle, weather station Berlin Zehlendorf: 9° Celsius

⁴ measured on the vehicle, weather station Berlin Zehlendorf: 13° Celsius

TEST 5	
Date	09/23/2016
Start time	11:42:40 am
Endzeit	12:22:21 pm
Test duration (min)	40
NonIdleDurationTimeNumber (s)	2260
Average Ambient Temperature (deg C) ⁵	19,6°
Total distance (km)	31,37
Total fuel consumption (l)	1,25
Fuel consumption (l/100 km)	3,99
Emissions	
CO ₂ (g/km)	108
CO (mg/km)	41
NO _x (mg/km)	532
kNO _x (mg/km)	505

TEST 6	
Date	09/23/2016
Start time	12:43:53 pm
Endzeit	1:22:18 pm
Test duration (min)	38
NonIdleDurationTimeNumber (s)	2236
Average Ambient Temperature (deg C) ⁶	21,4°
Total distance (km)	31,30
Total fuel consumption (l)	1,41
Fuel consumption (l/100 km)	4,49
Emissions	
CO ₂ (g/km)	122
CO (mg/km)	131
NO _x (mg/km)	668
kNO _x (mg/km)	635

⁵ measured on the vehicle, weather station Berlin Zehlendorf: 16° Celsius

⁶ measured on the vehicle, weather station Berlin Zehlendorf: 19° Celsius

TEST 7	
Date	09/23/2016
Start time	1:37:24 pm
Endzeit	2:19:11 pm
Test duration (min)	42
NonIdleDurationTimeNumber (s)	2153
Average Ambient Temperature (deg C) ⁷	22,3°
Total distance (km)	31,39
Total fuel consumption (l)	1,36
Fuel consumption (l/100 km)	4,33
Emissions	
CO2 (g/km)	117
CO (mg/km)	65
NOx (mg/km)	766
kNOx (mg/km)	720

TEST 8	
Date	09/24/2016
Start time	8:06:13 am
Endzeit	8:47:29 am
Test duration (min)	41
NonIdleDurationTimeNumber (s)	1920
Average Ambient Temperature (deg C) ⁸	11,3°
Total distance (km)	31,28
Total fuel consumption (l)	1,46
Fuel consumption (l/100 km)	4,67
Emissions	
CO2 (g/km)	126
CO (mg/km)	159
NOx (mg/km)	1349
kNOx (mg/km)	1281

⁷ measured on the vehicle, weather station Berlin Zehlendorf: 19° Celsius

⁸ measured on the vehicle, weather station Berlin Zehlendorf: 11,5° Celsius

TEST 9	
Date	09/24/2016
Start time	8:50:44 am
Endzeit	9:27:28 am
Test duration (min)	37
NonIdleDurationTimeNumber (s)	1972
Average Ambient Temperature (deg C) ⁹	14,3°
Total distance (km)	31,22
Total fuel consumption (l)	1,40
Fuel consumption (l/100 km)	4,49
Emissions	
CO2 (g/km)	121
CO (mg/km)	237
NOx (mg/km)	1336
kNOx (mg/km)	1278

TEST 10	
Date	09/24/2016
Start time	2:02:31 pm
Endzeit	2:47:49 pm
Test duration (min)	45
NonIdleDurationTimeNumber (s)	2171
Average Ambient Temperature (deg C) ¹⁰	20,2°
Total distance (km)	31,69
Total fuel consumption (l)	1,47
Fuel consumption (l/100 km)	4,62
Emissions	
CO2 (g/km)	125
CO (mg/km)	228
NOx (mg/km)	599
kNOx (mg/km)	559

⁹ measured on the vehicle, weather station Berlin Zehlendorf: 12,5° Celsius

¹⁰ measured on the vehicle, weather station Berlin Zehlendorf: 18,5° Celsius

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