



BUILDINGS AND VEHICLES EMISSION
CERTIFICATION INSTITUTE
AND TECHNICAL MEASUREMENTS

ANTI-SMOG CERTIFICATION CARS



Clean air near You



In 2016, our institute developed its own system for assessing and certifying road vehicles, including passenger cars, due to emissions of pollutants emitted into the air. It is the first and only evaluation method of its kind in the world. The current diversification of cars solely on the basis of greenhouse gas emissions (mainly CO₂) is insufficient. Due to the direct impact of vehicles on people on the first pile, it is more important to assess them in the area of NOx, CO, PM2.5, B(a)P emissions.

'PreQurs' certifications and the 'NO SMOG' vehicle labelling system are a friendly way of communicating between people to help classify cars for their impact on human health and climate change. The basis for classifying cars is a comparison of their emissions of various air pollutants in relation to those of a reference vehicle. The measure of comparison is the calculated multiplication factor (K_j). In addition, the share of renewable energy (U_{RE}) in the vehicle's annual energy or fuel consumption balance is taken into account.

Name of emission reduction	Pollutant emission reduction class
Complete A3 plus	A+++
Complete A2 plus	A++
Complete A1 plus	A+
Complete	A
Total	
Very high	B
High	C
Average	D
Low	E
Very low	F
Reference vehicle	G
Increase	H

Air emissions reduction mark	Reduction rate (K_j) of emissions and share of renewable energy (U_R)
ECO PLUS	$(100 + 100\%) < K_j$
NO SMOG ECO PLUS	$(100 + 81\%) < K_j \leq (100 \text{ plus } 100\%)$
NO SMOG PLUS	$(100 + 50\%) < K_j \leq (100 \text{ plus } 81\%)$
NO SMOG	$(100 + 19\%) < K_j \leq (100 \text{ plus } 50\%)$
NO SMOG	$100 < K_j \leq (100 \text{ plus } 19\%)$
LOW SMOG	$25 < K_j \leq 100$
LOW SMOG	$10 < K_j \leq 25$
	$5,26 < K_j \leq 10$
MOD. SMOG	$2,86 < K_j \leq 5,26$
	$1,67 < K_j \leq 2,86$
HIGH SMOG	$1,00 < K_j \leq 1,67$
	$K_j = 1,00$
V.H SMOG	$K_j \leq 1,00$

ICEB zastrzega sobie wszelkie autorskie prawa do opracowania wyżej opisanego sposobu oceniania systemów wykorzystujących biogaz oraz wystawiania odpowiednich poświadczeń oraz certyfikatów.

Only the ICEB is authorised to issue PreQurs certificates for systems using biogas, which was the first in the world to develop the aforementioned assessment system.



We welcome your cooperation

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