

Clean Air Association

(WP.29/GRPE) Working Party on Pollution and Energy (85th session)

Armin Arian Assl – Executive Chairman

Introduction to the Association

- ❖ The Clean Air Association is a non-profit organization dedicated to the preservation and improvement of air quality founded on the 27th of April 2020.
- ❖ We have a team that is diverse in expertise, headed by Jakub Lisowski and Armin Arian
- ❖ We undertake to:
 - ❖ Inform the public on matters of air quality
 - ❖ Enforce the rules and regulations which impact air quality
 - ❖ Consult on matters which relate to air quality
 - ❖ Undertake research in areas which pertain to air quality

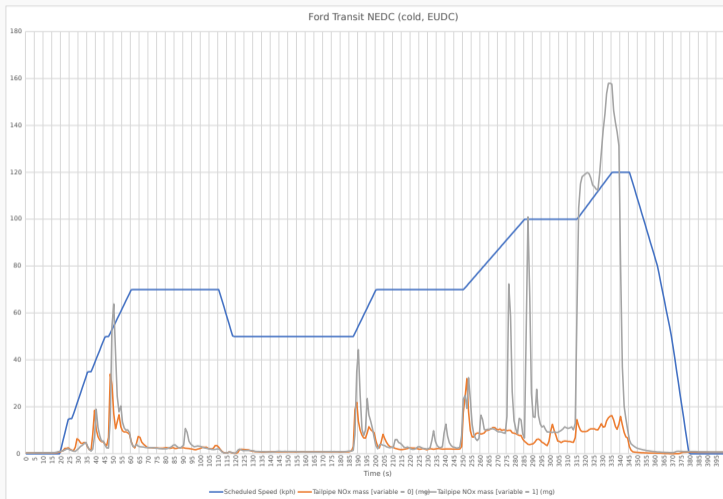
Ongoing projects

- ❖ We are engaged with national authorities and interested parties in Germany, France and the United Kingdom in relation to compliance of Diesel vehicles.
- ❖ We provide research and assistance to law firms bringing claims which would have a positive impact on air quality.
- ❖ We evaluate existing regulations, including those used to certify cars in other parts of the world.
- ❖ We explore channels to raise awareness about the importance of emissions regulations.

Examples of the areas we plan to go into

- ❖ Gear Shift Points and Gear Shift Indicators (Regulation No. 83)
- ❖ Manufacturer's statutory plate and identification number for motor vehicles
- ❖ Evaluation of HPEV emissions regime
- ❖ Consider the legal implications of amendments and proposals of the GRPE

Why we want to participate



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Table 2
Extra-urban cycle (Part Two) for the Type I test

No. of operation	Operation	Phase	Acceleration (m/s ²)	Speed (km/h)	Duration of each		Cumulative time(s)	Gear to be used in the case of a manual gearbox
					Operation(s)	Phase(s)		
1	Idling	1	0	0	20	20	20	K ₁ ¹
2	Acceleration	2	0.83	0-15	5	41	25	1
3	Gear change			15	2		27	-
4	Acceleration		0.62	15-35	9		36	2
5	Gear change			35	2		38	-
6	Acceleration		0.52	35-50	8		46	3
7	Gear change			50	2		48	-
8	Acceleration		0.43	50-70	13		61	4
9	Steady speed		3	0	70		50	50
10	Deceleration	4	-0.69	70-50	8	8	119	4 s.5 + 4 s.4
11	Steady speed	5	0	50	69	69	188	4
12	Acceleration	6	0.43	50-70	13	13	201	4
13	Steady speed	7	0	70	50	50	251	5
14	Acceleration	8	0.24	70-100	35	35	286	5
15	Steady speed ²	9	0	100	30	30	316	5 ²
16	Acceleration ²	10	0.28	100-120	20	20	336	5 ²
17	Steady speed ²	11	0	120	10	20	346	5 ²
18	Deceleration ²	12	-0.69	120-80	16	34	362	5 ²
19	Deceleration ²		-1.04	80-50	8		370	5 ²
20	Deceleration, clutch disengaged		1.39	50-0	10		380	K ₅ ¹
21	Idle	13	0	0	20	20	400	PM ¹

¹ PM = gearbox in neutral, clutch engaged. K₁, K₅ = first or second gear engaged, clutch disengaged

² Additional gears can be used according to manufacturer recommendations if the vehicle is equipped with a transmission with more than five gears.