

Summary of proposed amendment on UNR154 02/03 series

#	Section	Paragraph	Brief Description	Proposal	Justification	Critical level	GRPE-87-XX (02 series)	GRPE-87-YY (03 series)	remarks	reviewers
1	Main	6.2.6.	identifier	move to right position (under the searching)	seems to be in wrong position		✓	✓		JPN_rev1
2		6.3.2.2.	Interpolation family definition	delete criteria (d)	This criteria is related to OVC-HEV special provision. JPN proposes to delete this provision (see #27), then this criteria is no longer necessary		✓	✓	link to OVC-HEV special provision (#27)	JPN
3		6.7.2.1.	assigned additive deterioration factor	Table 1B←Table 3b	refer correct table	***	✓	✓		JPN
4		8.2.4.3.	COP run-in factor	delete "electric energy consumption"	mislead to wrong process. run-in factors of CO2/FE are independent from that of electric energy consumption	***	✓	✓		JPN
5		8.2.4.4.	↑	delete paragraph	mislead to wrong process. reference steps are insufficient and incorrect. All necessary processes are described in Appendix 1	***	✓	✓		JPN
6	Appendix 1		Title	make it clear what this Appendix describes	current text contains variety of process. focus on the test procedure and test results derivation to make the text simplified	*	✓	✓		JPN
7		1.1.	application of run-in factor	add Table to make it clear for run-in factor application	mislead to wrong process. text doesn't reflect "original intention" which allow assigned run-in factor when DPA method is adopted	***	✓	-		JPN
8		1.3. 2.1. 3.1.	test procedure	delete paragraphs	duplication		✓	✓		JPN
9		1.4. 2.2. 3.2. 5.3.2.1. 5.3.2.2.	refer table step to determine the test results	correct right step and add necessary process (run-in & test lab correction factor)	mislead to wrong test results	***	✓	✓		JPN
10		2.3. 3.3.	reference value for COP verification	delete paragraphs then reference value are moved to Appendix 2	COP needs no interpolation method. mislead incorrect value refer incorrect steps	***	✓	✓		JPN
11		4.1. 4.2.	COP test procedure for PEV	describe the correct test procedure and delete the texts which refer incorrect test procedure. Then reference value are moved to Appendix 2	mislead to wrong test procedure COP has only one test procedure, refer incorrect steps	***	✓	✓		JPN JPN_rev1
12		5.2.	OVC-HEV CS test	move to NOVC-HEV paragraph (new 4)	same as NOVC-HEV simplified		✓	✓		JPN
13	Appendix 2	3.2.	verification of EC	delete the duplication	simplified (4 sections to 3 sections)		✓	✓		JPN
14		3.2.	reference value for EC			***	✓	✓		JPN
15	Appendix 3	1.2.1.	Extension of run-in factor	refer right parameter	mislead to wrong test process	***	✓	✓		JPN
16		1.6. 1.8.	refer test procedure	B6 or B8 ← B6 and B8	mislead to wrong test procedure	***	✓	✓		JPN
17		1.9. 1.9.1. 1.10.	run-in factor derivation	support GRPE-86-16	mislead to wrong test results	***	✓	✓		JPN
18		1.13.	the run-in factor for electric energy consumption	new text was added	mislead to wrong test process in-line with 02series	***	-	✓		JPN
19		2.	pre-action for FE run-in factor	new text was added	mislead to wrong test process in-line with 02series	***	-	✓		JPN
20	Annex B3	Table A3/3	fuel specifications	refer right standard	←	*	✓	-		JPN_rev1
21	Annex B4	4.1.1.2.	temperature range during road load determination	describe temperature range clearly	mislead to wrong test procedure text doesn't reflect "original intention"	***	✓	✓		JPN
22		5.1.1.	calculation of the road load	add another paragraph	5.1. refers both coast down and wind tunnel method, but 5.1.1. miss to refer wind tunnel method	***	✓	✓		JPN
23		5.1.2.	calculation of the road load	refer right paragraph	mislead to wrong test results refer incorrect paragraph (should refer after correction to reference conditions)	***	✓	✓		
24		6.5.2.3.3.	alternative chassis dynamo setting	add right parameter	mislead to wrong test procedure missing the parameter	**	✓	✓		JPN_rev1
25	Annex B7 Annex B8	Table A7/1 Table A8/5	post processing (COP related)	delete and move to Appendix 1 as a whole process	inconsistent with text, mislead to wrong test results	***	✓	✓		JPN
26	Annex B7	Table A7/1	post processing	refer right paragraph and/or parameter	mislead to wrong test results	***	✓	✓	per EU type approval authority comment	JPN_rev1
27	Annex B8	4.1.2. 4.1.3.1. 4.2.2. 4.2.3. 4.3.1. 4.3.2. Table A8/8, A8/9, A8/9a, A8/9b		delete special provision	current provision mislead the incorrect EAER value during Part A verification test under the battery deterioration requirement	***	✓	✓ (exclude Table A8/9a and Table A8/9b)	link to interpolation family definition (#2)	JPN JPN_rev1
28		4.4.	applicable phase	delete and move to 4.4.4.1.	create unnecessary confusion	**	✓	-		JPN
29		4.4.4.1.	EAER calculation formula	for 3-phase test CS CO2 : declared←measured	mislead to wrong test results in-line with current practical process	***	✓	✓	per UTAC comment	JPN_rev2
30		4.4.4.2.	EAER phase calculation formula	add Level 1B (3-phase WLTP) calculation for phase EAER	During 02/03 SoA, 3-phase process was accidentally deleted.	***	✓	✓		JPN
31		4.4.4.2. 4.4.6.2.	EAER phase calculation formula	add necessary process	mislead to wrong test results	***	✓	✓		JPN
32		4.5.8.	adjustment of EAER value	delete (=not allow manufacture declared value for both Level 1A and 1B)	can be used to disable GTR#22 requirement (battery deterioration)	***	✓	✓		JPN JPN_rev1
33		Table A8/8 step 12 Table A8/10 Table A8/11	calculation of the electric energy consumption	delete the process	mislead to wrong test results double process	***	✓	✓		JPN
34	Appendix 3	Table A8 App3/1	REESS voltage measurement	modify the description	mislead mis-interpretation avoid the confusion	*	✓	✓		JPN_rev1
35	Annex C3	4.7.1.	pure gas specifications	allow usage of Type1 pure gas for Type4 test as an option	improve laboratory operation efficiency without scarifying the accuracy		✓	✓		JPN_rev2