

Stage 1 test precision improvement revised test plan



JAPAN AUTOMOBILE STANDARDS INTERNATIONALIZATION CENTER

16.Dec., 2024

Remind: [WT-63-2] JASIC Test tyre allocation plan (Trailer method)

■ For the trailer test method

Test group Cand. Tyre	Normal												3PMSF												Count	
	Nor. #1	Nor. #2	Nor. #3	Nor. #4	Nor. #5	Nor. #6	Nor. #7	Nor. #8	Nor. #9	Nor. #10	Nor. #11	Nor. #12	3PM #1	3PM #2	3PM #3	3PM #4	3PM #5	3PM #6	3PM #7	3PM #8	3PM #9	3PM #10	3PM #11	3PM #12	JASIC	ETRTO
	I	II	III	II	III	I	II	III	I	III	III	I	II	I	I	III	III	II	II	III	III	I	I	III		
	155 H	155 L	195 H	195 L	205 H	205 L	225 H	225 L	245 H	245 L	275 H	275 L	155 H	155 L	195 H	195 L	205 H	205 L	225 H	225 L	245 H	245L	275 H	275 L		
Test center 1					4	4	4			4					4				4	4	4				32	32
Test center 2	3				3				3		3			3							3	3		3	24	24
Test center 3				3			3		3	3								3	3	3		3			24	24
Test center 6		4		4		4						4	4		4			4					4		32	32
Test center 7			3		3			3			3					3	3				3			3	24	24
Test center 8	8					8			8			8		8	8							8	8		64*	32
Test center 9		4	4	4			4						4				4	4	4						32	32
Test center 10			3		3				3	3							3	4	4		3	3	3		24	24
Test center 11		4		4				4				4	4			4		4					4		32	32
Test center 12	3		3					3				3		3		3	3						3		24	24
TC 13 Ext	3					3			3			3		3	3							3	3		56*	44
TC 13 Self	4					4			4			4		4	4							4	4			
Test center 14		4						4		4	4		4			4				4			4		32	32
Test center 15	4					4	4				4			4	4				4				4		32	32

Orig. matrix No.	Tyre 5	Tyre 2	Tyre 8	Tyre 1	Tyre 7	Tyre 4	Tyre 3	Tyre 10	Tyre 11	Tyre 9	Tyre 6	Tyre 12	Tyre 14	Tyre 17	Tyre 19	Tyre 15	Tyre 20	Tyre 13	Tyre 16	Tyre 21	Tyre 22	Tyre 23	Tyre 24	Tyre 18	432*	388
Test group	I	II	III	II	I	II	III	III	I	III	III	I	II	I	I	III	III	II	II	III	III	I	I	III		
Cand. Tyre	155 H	155 L	195 H	195 L	205 L	225 H	225 L	205 H	245 H	245 L	275 H	275 L	155 H	155 L	195 H	195 L	205 H	205 L	225 H	225 L	245 H	245L	275 H	275 L		

Tyre size	Indication	
155/65R14 LI 75	155 L	155 H
195/65R15 LI 91	195 L	195 H
205/55R16 LI 91	205 L	205 H
225/45R17 LI 94	225 L	225 H
245/45R18 LI 97 XL	245 L	245 H
275/45R20 LI 110 XL	275 L	275 H

* Test center 13 External watering : 1 water depth x 3 repetition including (high and low temp).
 Self watering : 2 water depth x 2 temp (high and low)
 << To be confirmed >>

2. Revised test plan proposal

[Revised plan proposal]

Priority Cand. Tyre	Normal											3PMSF												
	Tyre 1	Tyre 2	Tyre 3	Tyre 4	Tyre 5	Tyre 6	Tyre 7	Tyre 8	Tyre 9	Tyre 10	Tyre 11	Tyre 12	Tyre 13	Tyre 14	Tyre 15	Tyre 16	Tyre 17	Tyre 18	Tyre 19	Tyre 20	Tyre 21	Tyre 22	Tyre 23	Tyre 24
	B	B	C	B	A	C	A	D	C	C	A	A	B	B	C	B	A	C	A	D	C	C	A	A
	195 L	155 L	225 L	225 H	155 H	275 H	205 L	195 H	245 L	205 H	245 H	275 L	205 L	155 H	195 L	225 H	155 L	275 L	195 H	205 H	225 L	245 H	245L	275 H
TC #1				4			4		4	4						4		4		4	4			
TC #2					3	3				3	3						3	3				3	3	
TC #3	3			3					3		3		3			3					3		3	
TC #5					7						7	7					7		7			7	7	
TC #6	4	4					4					4	4	4					4				4	
TC #7			3			3		3		3					3			3		3		3		
TC #8					8		8				8	8					8		8			8	8	
TC #9	4	4		4				4					4	4		4			4					
TC #10								3	3	3	3								3	3	3	3		
TC #11	4	4	4									4	4	4	4								4	
TC #12			3		3			3				3			3		3		3				3	
TC #13								6		6		6			6		6		6					
TC #14		4	4		4	4	4		4					4	4		4		4					
TC #15				4	4	4	4								4	4	4	4						

Count	Tests/TC
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8	32
8	24
8	24
8	56
8	32
8	24
8	64
8	32
8	24
8	32
8	24
8	24
6	36
8	32
8	32

Count	4	4	4	4	5	4	5	5	4	5	5	6	4	4	5	4	5	5	5	5	4	4	5	5
TTL Tests/Tyre	15	16	14	15	25	14	27	19	14	19	24	32	15	16	20	15	25	20	27	19	14	13	24	26

468

TC #5 EXT					1 x 3		1 x 3				1 x 3	1 x 3				1 x 3		1 x 3				1 x 3	1 x 3
TC #5 Self					2 x 2		2 x 2				2 x 2	2 x 2				2 x 2		2 x 2				2 x 2	2 x 2
TC #8 EXT					2 x 2		2 x 2	*		*	2 x 2	2 x 2			*	2 x 2		2 x 2	*			2 x 2	2 x 2
TC #8 Self					2 x 2		2 x 2	*		*	2 x 2	2 x 2			*	2 x 2		2 x 2	*			2 x 2	2 x 2
TC #13 EXT								1 x 2		1 x 2		1 x 2			1 x 2		1 x 2		1 x 2				
TC #13 Self								2 x 2		2 x 2		2 x 2			2 x 2		2 x 2		2 x 2				

[* JASIC TC #8 considers additional tests]

- Test capability/capacity of TC#5 to be confirmed.
- External - Self watering comparison test is replaced to TC #5. TC #5 has capability and TC #13 has issue of their test capacity.
- Number of tests at TC #13 is reduced from SKU 4 to 3/category due to their test capacity.
- JASIC TC #8 considers additional test sets for External - Self watering comparison test as the counter data at TC #13.

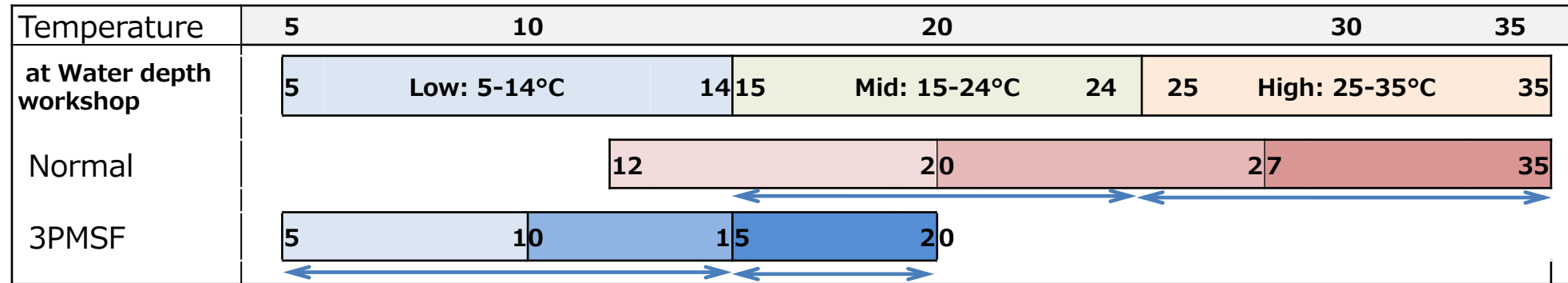
JUSTICE

Appendix. Test water temperature definitions

Worn tyer wet performance required test water temperature :

Category	Test water temp.
Normal tyre	12 - 35 °C
3PMSF tyre	5 - 20 °C

Test water temperature range :



* Wet Surface Temp Ranges (at water depth workshop in 2023):

- Low : 5-14°C
- Medium : 15-24°C
- High : 25-35°C

- If apply the same definitions as at water depth workshop, test temperature range would be 2 for each Normal and 3PMSF.

Definitions of the test water temp. is to be discussed.