

OIL#50

“Testing Burden and Accuracy of RCB correction”

WLTP E-Lab. SG 6th Meeting

prepared by Japan

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Pune, India

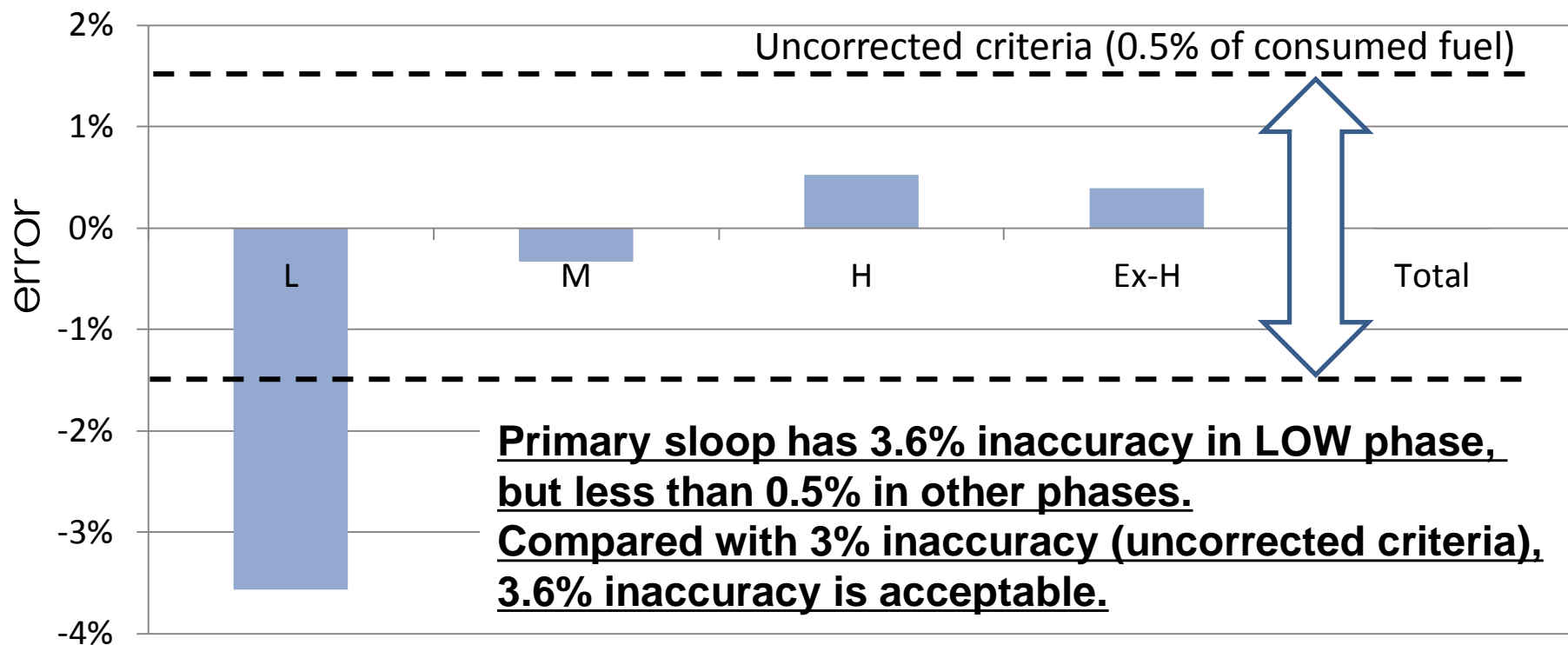
Development of correction factors

		# of required factors	Test duration		Accuracy
			total	+ / -	
current	EU/UN	2 (Urban & Extra-urban)	10* days and 5hrs	base	base
	Japan	1 (JCO8)	10* days		
WLTP Phase1a	Primary procedure	1 (whole cycle)	10* days	- 5 hrs (EU/UN) + / - 0 (Japan)	Low phase : approx. 4% worse other phases : same as base (refer next slide)
	Option (4phases)	5	10* days and 20hrs	+ 15 hrs	same as base
	Option (3phases)	4	10* days and 15hrs	+ 10 hrs	

*) in case 8 cold tests was conducted (refer slide_3)

No significant testing burden is increased

Case study



phase	raw CO2	RCB	Sloop		Corrected CO2		error
			Primary (g/Ah)	Option (g/km / Ah)	apply primary	apply option	
L	34.638	-0.605	146.7	43.67	61.06	63.32	-3.57%
M	77.733	-0.114		28.49	80.98	81.25	-0.33%
H	89.582	0.22		18.46	85.52	85.08	0.52%
Ex-H	127.983	0.29		16.10	123.31	122.83	0.39%
Total	93.506	-0.209		6.304	94.82	94.82	0.00%

