ROUNDING

already take in place, well recognized by user

currently under the discussion and JPN proposals

parameter	sections	UBE			Range***		
		Wh	kWh	%	km	mile	%
Certified*	new Annex 3	[whole number]	[2 places of decimal]		whole number		
Measured	new Annex 3	no rounding (or same as certified**)			no rounding (or same as certified**)		
SOCE$_{measured}$ SOCR$_{measured}$	6.3.2.			no rounding			no rounding

* : rounding is necessary for certification application and/or CoC and/or others

*/** : at least three (3) significant number is expected to avoid the potential false pass/fail for Part A purpose

*** : in case of two (2) digit range, one more digit is desired but will NOT propose to do so to avoid confusion in the market and/or other practices

< sample of ROUNDING MYSTERY >

	UBE_certified		UBE_measured		SOCE_measured	on-board SOCE					remarks
						88	89	90	91	92	
case_1	rounding to the whole number	36	raw	30.50...	raw	pass	pass	fail	fail	fail	technically fair potential multiple interpretation
				30.41...		pass	pass	fail	fail	fail	
case_2			raw	30.50...	rounding	pass	pass	**pass**	fail	fail	potential technical unfair potential multiple interpretation
				30.41...		pass	pass	**fail**	fail	fail	
case_3			rounding	30.50...	rounding	pass	**pass**	**pass**	**pass**	fail	technically unfair no multiple interpretation
				30.41...		pass	**fail**	**fail**	**fail**	fail	

< Calculation sample >

UBE_certified	36			
raw UBE_measured	30.50...	-	30.41...	-
rounded UBE_measured	-	31	-	30
raw SOCE_measured	84.75	86.11111	84.47222	83.33333
rounded SOCE_measured	85	86	84	83