

**AGENDA (draft)**  
**5th Meeting of the informal working group on**  
**Hydrogen and Fuel Cell Vehicles**  
**Global Technical Regulation No. 13 (Phase 2)**

**Date:**

Tue 5 March 2019 (Day 1): 10:00 - 17:00

Wed 6 March 2019 (Day 2): 09:30 - 17:00

Thu 7 March 2019 (Day 3): 09:30 - 12:00

**Location:**

PowerTech Labs:12388 88th Avenue Surrey, BC V3W 7R7

**Contact person:**

Ms. Shannon Ferrier

[E-mail:Shannon.ferrier@powertechlabs.com](mailto:Shannon.ferrier@powertechlabs.com)

Day 1					
	Agenda Items	Min.	Time	Presenters	Documents
1	<b>Welcome and practical arrangements</b> -- Welcoming remarks	15	10:00 10:15	Chairman and Powertech	
2	<b>Approval of the agenda</b>	10	10:15 10:25	Chairman	GTR13-5-01
3	<b>Approval of the meeting minutes of the 4th meeting</b>	15	10:25 10:40	Chairman	GTR13-4-25
4	<b>Schedule of the project</b>	30	10:40 11:10	Secretary	GTR13-5-08
5	<b>Updates of CP Activity</b>	70	11:10 12:20		
	a: Canada			K. Hendershot	
	b: China			Y. He	
	c: EU			P. Broertjes / B. Acosta	
	d: France			S. Villalonga	GTR13-5-12
	e: Japan			H. Ito	
	f: Korea			S. Woo	
	g: USA	S.Kuppa	GTR13-5-03		
	Lunch break	75	12:20 13:35		
6	<b>Updates of SDO/Tech Committees</b>	40	13:35 14:15		
	a: ISO/TC 197			A.Tchouvelev	GTR13-5-09
	b: SAE			G. Scheffler	
	c: CSA (CHMC2, NGV2)			M. Veenstra	
7	<b>Heavy duty vehicles and buses (TF1)</b>	100	14:15 15:55		
	a: Vehicle class				GTR13-5-04,05
	b: Static rollover				
	c: Side impact				
	d: Acceleration, Installation				
	e: TPRD direction				
	f: Permeation test				
	g: Fire test				
	h: Receptacles				
	i: Hydrogen leakage criteria				
	j: Other issues				
	<b>Break</b>	20	15:55 16:15		
8	<b>Receptacle (TF2)</b>	30	16:15 16:45		
	Label, geometry requirements			L. Gambone	
9	<b>Wrap-up of Day 1 / Proposal for Day 2</b>	15	16:45 17:00	Nha/Fujimoto	

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Day 2						
	Agenda Items	Min.	Time	Presenters	Documents	
10	<b>Material compatibility test methods</b>	100	9:30 11:10	G. Scheffler		
	a: Rational and Justification					GTR13-5-06
	b: Test methods					(GTR13-3-05)
	c: CP position					
	<b>Break</b>	20	11:10 11:30			
11	<b>HG-SCC test for Aluminum</b>	20	11:30 11:50	A. Ishizuka		
	<b>Lunch break</b>	60	11:50 12:50			
12	<b>Powertech lab tour and Group Photo</b>	120	12:50 14:50			
13	<b>CEA presentation</b>	20	14:50 15:10	S. Villalonga	GTR13-5-12	
14	<b>Initial burst pressure requirement</b>	30	15:10 15:40	H. Tamura, CEA	GTR13-3-03, GTR13-5-12	
	CP and members positions					
15	<b>Recommendations for test procedures (TF3)</b>	30	15:40 16:10	L. Gambone		
	Report from TF leader					
	<b>Break</b>	20	16:10 16:30			
16	<b>Fire test (TF4)</b>	45	16:30 17:15	G. Scheffler		
	Report from TF leader					GTR13-5-10
17	<b>Wrap-up of Day 2 / Proposal for Day 3</b>	5	17:15 17:20	Nha/Fujimoto		
	<b>Powertech hosts welcome dinner</b>		19:00		GTR13-5-07	
Day 3						
	Agenda Items	Min.	Time	Presenters	Documents	
18	<b>Recommendations from TC197 (TF5)</b>	30	9:30 10:00	A.Tchouvelev		
	Report from TF leader					GTR13-5-11
19	<b>Long term stress rupture</b>	30	10:00 10:30	G. Scheffler/A.Tchouvelev		
20	<b>Fire test from Ulster Univ</b>	30	10:30 11:00	V. Molkov	GTR13-5-13,-14	
21	<b>Review updated national regulations / international standards</b>	10	11:00 11:10	Secretary		
22	<b>Other business</b>	15	11:10 11:25	TBD		
23	<b>Review project schedule</b>	20	11:25 11:45	Secretary		
24	<b>Review of action items</b>	15	11:45 12:00	A. Ryan		
25	<b>Next meeting</b>	10	12:00 12:10	Chairman		

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**Webex information**

**Contact person:**

Ms.Tanja Smutny

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[E-mail:Tanja.Smutny@powertechlabs.com](mailto:Tanja.Smutny@powertechlabs.com)

**Tuesday, March 5**

10:00 – 17:00 PST

Meeting URL:

<https://meetings.webex.com/collabs/#/meetings/detail?uuid=MCLM9QMWEZEPNH822XUZ4Z2LVS-7SSV&rnd=133754.28759>

Meeting Number: 196 033 828

Call-in number: +1 (415) 655-0001

**Wednesday, March 6**

09:30 – 17:00 PST

Meeting URL:

<https://meetings.webex.com/collabs/#/meetings/detail?uuid=M4F8OIJR3IYDJU1GO7U57OEXDL-7SSV&rnd=251294.36287>

Meeting Number: 196 133 115

Call-in number: +1 (415) 655-0001

**Thursday, March 7**

09:30 – 17:00 PST

Meeting URL:

<https://meetings.webex.com/collabs/#/meetings/detail?uuid=M2MY5PWXF3FUZT7TSP6Y5O1RY-7SSV&rnd=323323.16979>

Meeting Number: 196 293 004

Call-in number: +1 (415) 655-0001

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