APPENDIX A3.2.1-8

FUNCTIONAL TEST REPORT

Confidentiality Statement

Confidentiality Statement: Data and information contained in this document are considered to constitute trade secrets and confidential commercial information, and the legal protections provided to such trade secrets and confidential information are hereby claimed under the applicable provisions of United States law. No part of this document may be publicly disclosed without the written consent of Philip Morris International.

Version N°: 2.0 SV

Program:	P1 (Zurich)
Project:	Product Design
Covered Time Period:	2011-2013
Authors:	Cédric Meyer
Owner:	Samuel Bonnely

RRPs FUNCTIONAL TEST Report

TOBACCO HEATING SYSTEM THS 2.2 FPD 4.2/C3.1

Related Documents	
Document Title	**Version**
Appendix A3.2.1-2	1.0

Revision History			
Version N°	**Author**	**Description of change**	**Type of change**
2.0 SV	Meyer, Cédric	Submission Version	2
2.0	Meyer, Cédric	Correction Typo Error in FT-05-012 - Correction of acceptance criteria from (b) (4)	2
1.0	Meyer, Cédric	Original issue	1
1. Major change/New version		*2. Minor change*	*3. Review without change*

Review & Approval			
This document has been reviewed and approved by:			
Name	**Role**	**Signature**	**Date**
Meyer, Cédric	Author		18-Jul-2016
Erdogan, Yaprak	QA Review		14-Jul-2016
Bonnely, Samuel	Owner		14-Jul-2016

1 Purpose

This document defines / describes the Next Generation Products (NGPs) Functional Test Report (FTR) for the Zurich Tobacco Heating System (FPD4.2/C3.1) carried out at PMI and/or subcontracted third party in order to meet the essential principle of safety and performance.

The set of Functional Tests (FT) are listed and numbered with a unique identification number for all FTS derived from the same Functional Design Specification (FDS).

The intended use of the Zurich Tobacco Heating System (FPD4.2/C3.1):
- PMI internal usage
- Clinical assessment

Functional Design Specification (FDS) ZURICH TOBACCO HEATING SYSTEM -FPD4.2/C3.1 (Version 1.0)				Functional Test Specification (FTS)			Functionnal Test Report (FTR) Tobacco Heating System THS 2.2		
Product Part	**Group**	**Functional Requirement #**	**Requirement Description**	**Functional Test #**	**Functional Test Description**	**Measurable / Acceptance criteria**	**Status**	**Latest update**	**Responsible**
Smoking System	Smoking system	FS-05-001	The tobacco heating system shall present Nicotine in smoke (when smoked under Health Canada smoking regime 12 puffs) delivery equivalent to 1.39mg.	FT-05-001	Analyses of Water and Nicotine in smoke condensate using Gaz Chromatography	The smoked nicotine (when smoked under Health Canada smoking regime 12 puffs) shall be between (b) (4) s	PASS	21.02.2013	C. Meyer
Smoking System	Smoking system	FS-05-002	The tobacco heating system shall present Glycerin in smoke (when smoked under Health Canada smoking regime 12 puffs) delivery equivalent to 4.7mg.	FT-05-002	Analyses of Glycerin in smoke condensate	The Glycerin (when smoked under Health Canada smoking regime 12 puffs) shall be between (b) (4)	PASS	21.02.2013	C. Meyer
(b) (4)							(b) (4)	21.02.2013	C. Meyer
								21.02.2013	C. Meyer
								21.02.2013	C. Meyer
								30.08.2012	C. Meyer
								30.08.2012	C. Meyer
								30.08.2012	C. Meyer
								30.08.2012	C. Meyer
								30.08.2012	C. Meyer

Functional Design Specification (FDS) ZURICH TOBACCO HEATING SYSTEM -FPD4.2/C3.1 (Version 1.0)				Functional Test Specification (FTS)			Functionnal Test Report (FTR) Tobacco Heating System THS 2.2		
Product Part	Group	Functional Requirement #	Requirement Description	Functional Test #	Functional Test Description	Measurable / Acceptance criteria	Status	Latest update	Responsible
(b) (4)							(b) (4)		
								30.08.2012	C. Meyer
								30.08.2012	C. Meyer
Smoking System	Smoking system	FS-05-013	The tobacco heating system shall present a resistance to draw (RTD) (b) (4)	FT-05-013	Manual Determination of Filter Rod & Filter Plug RTD (Encased Rod & Plug) with PMH PD Tester		On going	28.03.2013	C. Meyer
Smoking System	Smoking system	FS-05-014	The tobacco heating system shall present predictable deliveries irrespective on the consumer smoking topography and/or environmental conditions without tobacco overheating evidence. (b) (4) (b) (4) .	FT-05-014	(b) (4)		PASS	30.08.2012	C. Meyer
Consumable	Consumable	FS-05-015	The tobacco heating system shall present an aerosol that is in the respirable range (b) (4) .	FT-05-015	(b) (4)		PASS	28.03.2013	C. Meyer
Consumable	Consumable	FS-05-016	The tobacco heating system shall present pleasant smoking experience. (b) (4) .	FT-05-016	General guidance for conducting hedonic test in sensory analyses laboratory or in controlled conditions room involving consumers		PASS	26.02.2013	C. Meyer
Consumable	Consumable	FS-05-017	The tobacco heating system shall present an acceptable smoking ritual. (b) (4) .	FT-05-017	General guidance for conducting hedonic test in sensory analyses laboratory or in controlled conditions room involving consumers		PASS	18.01.2012	C. Meyer
Consumable	Consumable	FS-05-018	The tobacco heating system shall present pleasant smoking experience. (b) (4)	FT-05-018	General guidance for conducting hedonic test in sensory analyses laboratory or in controlled conditions room involving consumers		PASS	26.02.2013	C. Meyer