



Fire Protection Technician Standard of Practice (SoP)

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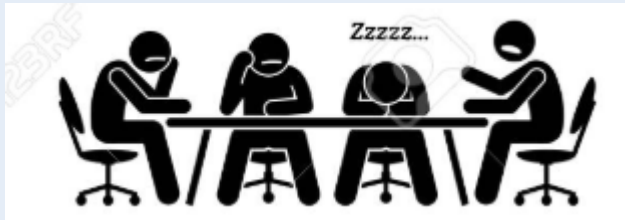
Presentation Code of Conduct

- Please keep your questions until the end of the presentation
- Your feedback is valued & will be considered in future revisions
- Revisions/Updates: there is an extensive **process** to make changes to the SoP – but it can be done!
- Handout of feedback/comment forms

What is the SoP?

This Standard of Practice (SoP) document provides a **summary of standard practices** applicable to Registered Fire Protection Technicians (RFPT) in good standing with Applied Science Technologists and Technicians of British Columbia (ASTTBC).

History: SoP development



ASTTBC Act & Regulations main objective is to protect the public and set Standards of Practice

Our Mission

*To serve the public by regulating
and supporting technology professionals'
commitment to a safe, healthy and
sustainable society and environment.*

Review of the History with ASTTBC & RFPT

- Incorporated in 1958
- Professional Governance Act and Regulations
- 1996 and the City of Vancouver by-law
- ASTTBC secured the Fire Protection Technician Program
- Now 22 municipalities have enacted a by-law requiring ASTTBC
- Current there are 11 endorsements
- Now 924 RFPT members

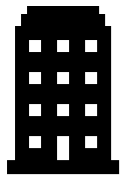
- New Tags



- New Tag processes



- Reports to



owner/agent within 21 days



- Clearer RFPT responsibilities



New Tags

- Name and Contact Information
- Endorsements
- Pass / Fail / See Report
- RFPT Stamp/Initial Box
- Next Service Due
- Month/Year of Inspection

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○												
FIRE PROTECTION EQUIPMENT OR SYSTEM							PASS	FAIL	SEE REPORT			
Portable Fire Extinguisher (EX)												
Emergency Lighting Unit (EM)												
Fire Alarm System (AL)												
Sprinkler/Standpipe System (WA)												
Fire Pump (FP)												
Generator System (GS)												
Smoke Control System (SM)												
Pre-engineered Suppression System (SP-P)												
Custom-engineered Suppression System (SP-C)												
RFPT Stamp and Initials							Serial # or Description					
							NEXT SERVICE DUE:					
							YYYY MM DD					
							DO NOT REMOVE TAG					
THIS EQUIPMENT WAS INSPECTED AND/OR TESTED												
J	F	M	A	M	J	J	A	S	O	N	D	
2019		2020		2021		2022		2023		2024		

New Label Commercial Kitchen Adhesive Label

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COMMERCIAL KITCHEN EXHAUST SYSTEM AT:												
COMPONENT						PASS		FAIL		SEE REPORT		
Hoods												
Ducts												
Vents												
Fans												
Filters												
Drip Cup												
RFPT Stamp and Initials						Serial # or Description						
						NEXT SERVICE DUE:						
						YYYY MM DD						
						DO NOT REMOVE LABEL						
THIS EQUIPMENT WAS CLEANED, INSPECTED AND TESTED												
J	F	M	A	M	J	J	A	S	O	N	D	
2019		2020		2021		2022		2023		2024		

Tag/Label Process

- Tags are **not a report**, they provide a **visual summary** for the AHJ and building owner/agent
- After completing inspection and test – RFPT shall **attach** a new completed tag facing out to be visible to public
- Complete **front of tag** – other information, see report
- Tag must **include** name of company and contact information

Tag/Label Process continued

Punch – 4 Conditions

- Current month and year of service, and
- Condition 1: Pass
- Condition 2: Pass and See Report
- Condition 3: Fail and See Report, or
- Condition 4: Fail and See Report and **Red X**



Write

- Include Serial # or Description
- Next Service Due Date: YYYY MM DD
- Kitchen Cleaning label: add address of location



Stamp

- RFPT stamp with signature or initial



Tag Process

Section 4.5 - Condition 1:

Equipment or System is
Functioning as **Intended**

RFPT shall punch the appropriate box in the
PASS column

<div style="text-align: center;">○</div> (tag front side)											
FIRE PROTECTION EQUIPMENT OR SYSTEM						PASS	FAIL	SEE REPORT			
Portable Fire Extinguisher (EX)						★					
Emergency Lighting Unit (EM)											
Fire Alarm System (AL)											
Sprinkler/Standpipe System (WA)											
Fire Pump (FP)											
Generator System (GS)											
Smoke Control System (SM)											
Pre-engineered Suppression System (SP-P)											
Custom-engineered Suppression System (SP-C)											
RFPT Stamp and Initials						Serial # or Description					
						NEXT SERVICE DUE:					
						YYYY MM DD					
						DO NOT REMOVE TAG					
THIS EQUIPMENT WAS INSPECTED AND/OR TESTED											
J	F	M	A	M	J	J	A	S	O	N	D
2019		2020		2021		2022		2023		2024	

Tag Process

Section 4.6 - Condition 2:

Equipment or System is
Functioning, but **other**
Conditions Observed

RFPT shall punch the appropriate box in the

PASS column

SEE REPORT column

FIRE PROTECTION EQUIPMENT OR SYSTEM													PASS	FAIL	SEE REPORT
Portable Fire Extinguisher (EX)															
Emergency Lighting Unit (EM)													★		★
Fire Alarm System (AL)															
Sprinkler/Standpipe System (WA)															
Fire Pump (FP)															
Generator System (GS)															
Smoke Control System (SM)															
Pre-engineered Suppression System (SP-P)															
Custom-engineered Suppression System (SP-C)															
RFPT Stamp and Initials													Serial # or Description		
													NEXT SERVICE DUE:		
													YYYY MM DD		
													DO NOT REMOVE TAG		
THIS EQUIPMENT WAS INSPECTED AND/OR TESTED															
J	F	M	A	M	J	J	A	S	O	N	D				
2019		2020		2021		2022		2023		2024					

Tag Process

Section 4.7 - Condition 3:

Equipment or System is
Not Functioning

RFPT shall punch the appropriate box in the
FAIL column

SEE REPORT column

NEXT SERVICE DUE ASAP

(tag front side)											
FIRE PROTECTION EQUIPMENT OR SYSTEM						PASS	FAIL	SEE REPORT			
Portable Fire Extinguisher (EX)							★	★			
Emergency Lighting Unit (EM)											
Fire Alarm System (AL)											
Sprinkler/Standpipe System (WA)											
Fire Pump (FP)											
Generator System (GS)											
Smoke Control System (SM)											
Pre-engineered Suppression System (SP-P)											
Custom-engineered Suppression System (SP-C)											
RFPT Stamp and Initials						Serial # or Description					
						NEXT SERVICE DUE: ASAP YYYY MM DD					
						DO NOT REMOVE TAG					
THIS EQUIPMENT WAS INSPECTED AND/OR TESTED											
J	F	M	A	M	J	J	A	S	O	N	D
2019		2020		2021		2022		2023		2024	

Tag Process

Section 4.8 - Condition 4:
Equipment or System is
Not Functioning and
Urgently needs repair

RFPT shall punch the appropriate box in the
FAIL column

SEE REPORT column

RED X

NEXT SERVICE DUE ASAP

WHEN IN DOUBT, X IT OUT

(tag front side)

FIRE PROTECTION EQUIPMENT OR SYSTEM	PASS	FAIL	SEE REPORT								
Portable Fire Extinguisher (EX)											
Emergency Lighting Unit (EM)											
Fire Alarm System (AL)		★	★								
Sprinkler/Standpipe System (WA)											
Fire Pump (FP)											
Generator System (GS)											
Smoke Control System (SC)											
Pre-engineered Suppression System (SP-P)											
Custom-engineered Suppression System (SP-C)											
RFPT Stamp and Initials	Serial # or Description										
	NEXT SERVICE DUE: ASAP YYYY MM DD										
	DO NOT REMOVE TAG										
THIS EQUIPMENT WAS INSPECTED AND/OR TESTED											
J	F	M	A	M	J	J	A	S	O	N	D
2019	2020		2021		2022		2023		2024		

What is the difference between Condition 3 & Condition 4?

Considerations:

Degree of impairment/dysfunction and consequence of the impairment/dysfunction:

- Minor impairment that leaves most of the functionality of a system intact would be condition 3
- Does the impairment mean an entire system is out of service?
- Are lives at risk due to the problem?

In these cases it is clearly condition 4

What is the difference between Condition 3 & Condition 4 continued?

At what point do RFPTs go from a condition 3 to 4?

Is there an objective criteria to define the point at which it changes?

The answer is no, there isn't

Unless the degree of impairment is obviously minor in nature we should always classify as condition 4

And if there is any doubt, it is always better to go to 4 and notify the AHJ

WHEN IN DOUBT, X IT OUT

Who is responsible?

BC Fire Code 2018

Division C: Administrative Provisions

Part 2 – Administrative Provisions

Section 2.2. Administration

(See Note A-2.2.)

2.2.1. General

2.2.1.1. Responsibility

1) Unless otherwise specified, the owner or the owner's authorized agent shall be responsible for carrying out the provisions of this Code.

Section 3 – Providing Inspection and Testing Services - Overview

- Building Owner/Agent Responsibilities
 - The owner or the owner's Authorized Agent shall be responsible for carrying out the provisions of the BC Building and Fire Codes
- RFPT/Fire Service Company(FSC) Responsibilities
 - Contracted by building owner/agent to provide fire protection inspection and testing services
 - RFPT/FSC are authorized agent(s) of the owner
 - Must provide a report within 21 calendar days

Section 3 – Providing Inspection and Testing Services – Overview continued

- Providing Fire Protection Inspection and Testing Services
 - Scope of service
 - Review past reports
 - Observe conditions
 - Tag and provide written report(s)
 - Notification of conditions
 - Owner/Agent
 - FSC
 - AHJ

Section 4 – Requirements for Inspecting and Testing – Overview

- 4.1 Documenting Inspections and Tests
 - Complete tag and attach to equipment/system & complete report that is made available to the AHJ at the building
- Repairs
 - Repairs are not a function of Inspection or Testing
 - As an employee of an FSC (Or SP), you may be authorized to effect repairs
 - After repair(s) are complete, you as an RFPT may re-inspect and test the equipment

Section 4 – Requirements for Inspecting and Testing – Repairs

- After a repair, a **new inspection tag** is attached on top of the old tag with the original NEXT SERVICE DATE which can be found in the report
- A **new report** of the re-inspected/re-testeded equipment/system shall be completed and provided to the building owner/agent
- Tag will be condition 2 (assuming a pass is achieved)
- **Do not attach a repair tag**
- **Repairs may be noted on the report**



That's a wrap

Thank you

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