

Number	Current Ontario Firefighter Cancer Prevention Checklist Language	Yes	No	Proposed Ontario Firefighter Cancer Prevention Checklist Language
	Current Respiratory Protection Program Language			Proposed Respiratory Protection Program Language
1	Program administration - the program is administered by a competent person	<input type="checkbox"/>	<input type="checkbox"/>	Program administration - the program is administered by a competent person.
2	Roles and responsibilities - the roles and responsibilities of the workplace parties are established	<input type="checkbox"/>	<input type="checkbox"/>	Roles and responsibilities - the Respiratory Protection Program roles and responsibilities of the workplace parties are established. Roles and responsibilities for the Respiratory Protection Program are clearly defined for all workplace parties.
3	Hazard situations - situations where respirators are required to be worn are identified	<input type="checkbox"/>	<input type="checkbox"/>	Situations where respirators are required to be worn are identified. This should include fire departments having written procedures that identify when respirators are required, and what type of respirator is required for specific emergency responses including, but not limited to structure fires, vehicle fires, wildland fires, hazardous materials incidents, vehicle accidents and technical rescue incidents.
4	Hazard assessment - potential airborne contaminants have been identified	<input type="checkbox"/>	<input type="checkbox"/>	A hazard assessment should be completed that identifies potential hazards and contaminants, as per the Canadian Standards Association (CSA) Selection, Use and Care of Respirators standard.
5	Respirator selection - appropriate respirators have been chosen based on the hazard assessment and requirements of Reg. 833	<input type="checkbox"/>	<input type="checkbox"/>	Respirator selection - appropriate respirators have been chosen based on the hazard assessment and requirements of Ontario Regulation 833 - Control of Exposure to Biological or Chemical Agents.
6	Fit testing - worker fit testing occurs at least every 2 years	<input type="checkbox"/>	<input type="checkbox"/>	Fit testing - respirator fit testing for all respirators will be conducted as per Ontario Regulation 833 - Control of Exposure to Biological or Chemical Agents and the CSA Selection, Use, and Care of Respirators standard, and occur no less than every two years.
7	Training - workers are trained on the use, care, storage, inspection, maintenance, cleaning, proper fitting, and limitations of the respirator, before first use	<input type="checkbox"/>	<input type="checkbox"/>	Members should be fully trained in the care, use, proper fitting, inspection, maintenance and limitations, and storage of the Personal Protective Equipment (PPE) and respirators assigned to them or available for their use. PPE should be used and maintained in accordance with the manufacturer's instructions. Members should be responsible for the routine inspection and maintenance of issued protective clothing and equipment.
8	Use, maintenance, storage - procedures are in place for the proper use, maintenance and storage of the respirators	<input type="checkbox"/>	<input type="checkbox"/>	Use, maintenance, storage - procedures are in place for the proper use, maintenance and storage of the respirators.
9	User screening – workers are screened to determine whether they are medically eligible to use a respirator	<input type="checkbox"/>	<input type="checkbox"/>	User screening - workers are screened as per the CSA standard on the Selection, Use and Care of Respirators standard to ensure that they are able to use a respirator safely.
10	Records and program evaluation - records are retained and the program is regularly evaluated to ensure it remains effective	<input type="checkbox"/>	<input type="checkbox"/>	Records and program evaluation - records are retained and the Respiratory Protection Program is regularly evaluated to ensure it remains effective.
	Current Air Management Program Language	Yes	No	Proposed Air Management Program Language
11	Monitoring of air levels during SCBA use – procedures are in place to ensure workers regularly monitor their air levels while using SCBA to prevent an out-of-air situation	<input type="checkbox"/>	<input type="checkbox"/>	Monitoring of air levels during Self Contained Breathing Apparatus (SCBA) use - procedures and training are in place to ensure regular monitoring of air levels while using SCBA to ensure the ongoing health and safety of the worker.
12	Filling of cylinders - procedures are in place to fill cylinders safely with clean air that meets the purity requirements in CSA Z180.1-19	<input type="checkbox"/>	<input type="checkbox"/>	SCBA fill stations and filling of cylinders - procedures and training are in place to fill cylinders safely with clean air that meets the purity requirements in CSA Z180.1-19 (most current edition) and SCBA fill stations are maintained and tested in accordance with CSA standards.
13	Cylinder replacement - procedures are in place to ensure cylinders are replaced as recommended by the manufacturer	<input type="checkbox"/>	<input type="checkbox"/>	Cylinder replacement - procedures are in place to ensure cylinders are replaced as recommended by the manufacturer.
14	Secure transportation of cylinders - when transported in vehicles, cylinders are secured against tipping, falling or damage	<input type="checkbox"/>	<input type="checkbox"/>	Secure transportation of cylinders - when transported in vehicles, cylinders are secured against tipping, falling or damage.
15	Secure storage of cylinders – cylinders are stored securely to prevent tipping, falling or damage	<input type="checkbox"/>	<input type="checkbox"/>	Secure storage of cylinders – cylinders are stored securely to prevent tipping, falling or damage while stored in station.
16	Hydrostatic testing of cylinders - procedures are in place to ensure cylinders receive hydrostatic testing every 5 years	<input type="checkbox"/>	<input type="checkbox"/>	Hydrostatic testing of cylinders - procedures are in place to ensure cylinders receive hydrostatic testing as per CSA standards, and that visual inspections occur as per the manufacturer's recommendation.
	Current Work Practices - Scene/Training Ground Language	Yes	No	Proposed Work Practices - Scene/Training Ground Language

17	Apparatus windows and doors are kept shut	<input type="checkbox"/>	<input type="checkbox"/>	Parking upwind, keeping windows closed and heaters and air conditioners off during fireground operations will minimize airborne contaminants from entering the cab.
18	PPE is properly worn at all times on the fireground or fire training ground	<input type="checkbox"/>	<input type="checkbox"/>	PPE is properly worn at all times on the fireground or fire training ground as appropriate to the Immediately Dangerous to Life & Health (IDLH) environment; and firefighters continue wearing PPE where hazards still remain (i.e. through overhaul completion and during investigation).
19	PPE, including appropriate respiratory protection, is properly worn at all times during salvage and overhaul and during fire investigations	<input type="checkbox"/>	<input type="checkbox"/>	For structural firefighting, it is critically important that all items are properly fitted and are in place during all activity where hazards may be encountered including during overhaul and fire investigations (head, neck, and upper body are especially vulnerable areas).
20	Hood is exchanged when air cylinder exchanged	<input type="checkbox"/>	<input type="checkbox"/>	Spare soft goods (protective hoods, helmet liners, gloves etc.) are available for exchange to prevent workers from using contaminated equipment.
21	No person enters the hot zone without full PPE	<input type="checkbox"/>	<input type="checkbox"/>	Remove - redundant to #18
22	Pump operators wear PPE, including SCBA, if smoke present	<input type="checkbox"/>	<input type="checkbox"/>	Pump operators wear PPE, including respiratory protection, as appropriate when smoke and/or airborne contaminants are present.
23	Gross decontamination of PPE is done before removing face piece – see above for note on ALARA principle	<input type="checkbox"/>	<input type="checkbox"/>	Gross decontamination (preliminary exposure reduction) of PPE is done before removing face piece – see above for note on As Low As Reasonably Achievable (ALARA) principle.
24	PPE is removed before entering rehab area, where weather permits	<input type="checkbox"/>	<input type="checkbox"/>	PPE is removed before entering rehab area, where weather permits.
25	Air quality is monitored in rehab area	<input type="checkbox"/>	<input type="checkbox"/>	Air monitoring is conducted in the rehabilitation area.
26	Hands and face are cleaned before eating	<input type="checkbox"/>	<input type="checkbox"/>	Hands and face are cleaned before consuming food or drinks.
27	Post-fire wipes are provided and used for head and neck	<input type="checkbox"/>	<input type="checkbox"/>	The use of personal cleaning wipes to facilitate removal of contamination is facilitated as soon as practical.
28	Contaminated crew do not enter truck	<input type="checkbox"/>	<input type="checkbox"/>	Remove - impractical
29	Contaminated gear is allowed to air out for 30 minutes before bagging, if possible	<input type="checkbox"/>	<input type="checkbox"/>	Contaminated bunker gear and PPE is allowed to air out for thirty (30) minutes before bagging, if possible.
30	Contaminated gear is bagged at scene	<input type="checkbox"/>	<input type="checkbox"/>	Contaminated bunker gear and PPE is bagged at scene
31	Contaminated gear is transported from scene outside crew compartment	<input type="checkbox"/>	<input type="checkbox"/>	Contaminated bunker gear and PPE is transported from the scene in an outside compartment (not in the cab).
32	Where weather does not allow gear removal, disposable coveralls are worn over dirty PPE in apparatus to reduce cross contamination	<input type="checkbox"/>	<input type="checkbox"/>	Where weather does not allow bunker gear and PPE removal, disposable coveralls are worn over dirty PPE in the apparatus to reduce cross contamination.
33	Contaminated gear is taken to fire hall for cleaning (not home)	<input type="checkbox"/>	<input type="checkbox"/>	Contaminated bunker gear and PPE is to be cleaned as per procedures, and not to be cleaned at home or in community laundry facilities.
34	Where crew compartment seats have integrated SCBA brackets: • clean SCBA is placed in seats, or • dirty SCBA has undergone gross decontamination and is bagged before placing in seat	<input type="checkbox"/>	<input type="checkbox"/>	Where apparatus seats have integrated SCBA brackets, ensure the SCBA is cleaned before being placed in seats, or dirty SCBA has undergone gross decontamination and is bagged before placing in the seat to minimize cross-contamination.
35	Gross decontamination of hose and equipment is done at scene, as much as possible	<input type="checkbox"/>	<input type="checkbox"/>	It should be the responsibility of the Incident Commander and/or the Incident Safety Officer to ensure that any necessary decontamination of firefighters and equipment be completed before returning to the fire station whenever possible.
36	Contaminated gear that is carried in personal vehicles is in a closed container	<input type="checkbox"/>	<input type="checkbox"/>	Where bunker gear is transported in a passenger vehicle, it should be isolated from the passenger space (sealed container, trunk etc.). Where possible, contaminated gear should not be transported in a passenger vehicle to avoid cross-contamination.
37	Crew returns directly to fire hall for further decontamination	<input type="checkbox"/>	<input type="checkbox"/>	Following fire scene decontamination, personnel will return to station for further decontamination. As a best practice, personnel should shower as soon as possible after exposure.
38	Fire investigators: • wear SCBA, or • wear powered air purifying respirator (PAPR) with air monitoring per NFPA 1500, or • wear respiratory protection as determined by an assessment per CSA Z94.4-19	<input type="checkbox"/>	<input type="checkbox"/>	Fire investigators will assess the scene and wear the most appropriate respirator in accordance with most current CSA Selection, Use, and Care of Respirators standard.
	Current Work Practices - Fire Hall Language	Yes	No	Proposed Work Practices - Fire Hall Language
39	Fire hall has a laundry room (a separate laundry room is recommended)	<input type="checkbox"/>	<input type="checkbox"/>	Fire hall has a room dedicated to laundering contaminated bunker gear and PPE.

40	Laundry room has ventilation	<input type="checkbox"/>	<input type="checkbox"/>	Laundry room has ventilation.
41	Laundry room ventilation is under slight negative pressure	<input type="checkbox"/>	<input type="checkbox"/>	Laundry room ventilation is under slight negative pressure.
42	Laundry room is decontaminated after use	<input type="checkbox"/>	<input type="checkbox"/>	Laundry room is decontaminated after use.
43	Fire hall has a laundry area (a reasonable alternative when there is no separate laundry room)	<input type="checkbox"/>	<input type="checkbox"/>	Where no dedicated laundry room is possible, fire hall has a dedicated laundry area.
44	Laundry area is away from other work spaces	<input type="checkbox"/>	<input type="checkbox"/>	Laundry area is isolated from other work spaces.
45	Laundry area is away from unprotected workers	<input type="checkbox"/>	<input type="checkbox"/>	Laundry area is away from unprotected workers.
46	Laundry area is away from clean PPE storage	<input type="checkbox"/>	<input type="checkbox"/>	Laundry area is isolated from clean bunker gear and PPE storage.
47	Laundry area is away from gear air dryer	<input type="checkbox"/>	<input type="checkbox"/>	Laundry area is away from bunker gear air dryers.
NEW				Where possible, drying areas should be under slight negative pressure ventilation.
48	Extractor used for soft gear	<input type="checkbox"/>	<input type="checkbox"/>	Bunker gear extractors are used for soft goods in accordance with manufacturer instructions (gloves to be cleaned per manufacturer's recommendations).
49	Extractor instructions are posted	<input type="checkbox"/>	<input type="checkbox"/>	Bunker gear extractor operating instructions are posted.
50	Extractor maintenance program in place	<input type="checkbox"/>	<input type="checkbox"/>	A bunker gear extractor maintenance program is in place.
51	Correct pH level soap available for extractor	<input type="checkbox"/>	<input type="checkbox"/>	Detergent used for washing bunker gear is used as per manufacturer recommendations (including correct pH level).
52	Extractor is decontaminated after use	<input type="checkbox"/>	<input type="checkbox"/>	Bunker gear extractors are decontaminated after use and as per manufacturer recommendations.
NEW				Bunker gear extractors have the correct spin (G force) and temperature settings as per manufacturer recommendations and as recommended in National Fire Protection Association (NFPA) 1850 - Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural and Proximity Firefighting and Open-Circuit Self-Contained Breathing Apparatus (SCBA) (most current edition).
NEW				Where possible, contaminated clothing worn under bunker gear is washed in a residential washing machine.
NEW				After use, residential washing machines are decontaminated.
NEW				Fire stations have adequate resources for proper cleaning of contaminated equipment.
53	Gear air dryer available	<input type="checkbox"/>	<input type="checkbox"/>	Bunker gear and PPE air dryer or cabinet dryer is available.
54	Clothing worn under bunker gear is washed separately from regular laundry	<input type="checkbox"/>	<input type="checkbox"/>	Clothing worn under bunker gear is washed separately from regular laundry.
55	Crews have spare clean clothing at the station to wear after showering	<input type="checkbox"/>	<input type="checkbox"/>	Spare clothing is available at the station to be worn after showering and laundering.
56	Truck bay / apparatus floor ventilation is adequate for storing clean bunker gear on the apparatus floor (see introductory paragraph on "Storing clean bunker gear on the apparatus floor")	<input type="checkbox"/>	<input type="checkbox"/>	Truck bay / apparatus floor ventilation is adequate for storing clean bunker gear on the apparatus floor (see introductory paragraph on "Storing clean bunker gear on the apparatus floor")
57	Apparatus is washed inside and out after every fire call (incident)	<input type="checkbox"/>	<input type="checkbox"/>	Apparatus is washed (inside and outside) after every incident where it becomes contaminated with smoke/contaminates.
58	Apparatus cabin air filter inspected after every fire call and replaced as needed	<input type="checkbox"/>	<input type="checkbox"/>	Apparatus cabin air filters are inspected after every incident where it becomes contaminated with smoke/contaminates and replaced as required.
59	Apparatus cabin air filtration system is cleaned quarterly	<input type="checkbox"/>	<input type="checkbox"/>	Apparatus cabin air filtration systems are cleaned as required by the manufacturer.
60	A regular apparatus interior cleaning schedule is established and followed.	<input type="checkbox"/>	<input type="checkbox"/>	A regular apparatus interior cleaning schedule is established and followed.
61	Shower facilities with soap and water are available at the fire hall, or where no showers are available, facilities to wash potentially exposed skin (neck, face, wrists, hands) are available	<input type="checkbox"/>	<input type="checkbox"/>	Shower facilities with soap and water are available at the fire hall, or where no showers are available, facilities to wash potentially exposed skin (neck, face, wrists, hands) are available.
62	Shower or washing occurs as soon as possible upon return to fire hall	<input type="checkbox"/>	<input type="checkbox"/>	Remove
63	Dirty areas versus clean areas of the fire hall are indicated	<input type="checkbox"/>	<input type="checkbox"/>	Dirty areas versus clean areas of the fire hall are delineated, and "No Bunker Gear Beyond This Point" signs posted as required.
64	"No Bunker Gear Beyond This Point" signage posted	<input type="checkbox"/>	<input type="checkbox"/>	Remove
65	Dirty areas have surfaces that are easy to clean (not carpet)	<input type="checkbox"/>	<input type="checkbox"/>	Dirty areas in fire stations and apparatus should have surfaces that are easy to clean (hard surfaces, not soft/cloth surfaces or carpet).
	Current Inspection of PPE Language	Yes	No	Proposed Inspection of PPE Language

66	Respirator – SCBA	<input type="checkbox"/>	<input type="checkbox"/>	Ensure inspections of SCBA respirators in accordance with NFPA 1850 - Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural and Proximity Firefighting and Open-Circuit SCBA (most current edition) and CSA standards on Selection, Use, and Care of Respirators.
67	Respirator – PAPR	<input type="checkbox"/>	<input type="checkbox"/>	Ensure inspections of Powered Air Purifying Respirator (PAPR) respirators in accordance with NFPA 1850 - Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural and Proximity Firefighting and Open-Circuit Self-Contained Breathing Apparatus (SCBA) (most current edition) and CSA standards on Selection, Use, and Care of Respirators.
68	Respirator – APR	<input type="checkbox"/>	<input type="checkbox"/>	Ensure inspections of Air Purifying Respirators (APR) in accordance with NFPA 1850 - Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural and Proximity Firefighting and Open-Circuit SCBA (most current edition) and CSA standards on selection, care and use of respirators.
69	Mask flow test equipment (i.e.. PosiChek)	<input type="checkbox"/>	<input type="checkbox"/>	Ensure respirator fit testing and mask flow testing equipment is maintained as per manufacturer recommendations.
70	Helmet	<input type="checkbox"/>	<input type="checkbox"/>	Ensure inspections of firefighting helmets in accordance with NFPA 1850 - Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural and Proximity Firefighting and Open-Circuit Self-Contained Breathing Apparatus (SCBA) (most current edition).
71	Boots	<input type="checkbox"/>	<input type="checkbox"/>	Ensure inspections of firefighting boots in accordance with NFPA 1850 - Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural and Proximity Firefighting and Open-Circuit Self-Contained Breathing Apparatus (SCBA) (most current edition).
72	Bunker coats: outer shell	<input type="checkbox"/>	<input type="checkbox"/>	Ensure inspections of firefighting bunker coat outer shells in accordance with NFPA 1850 - Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural and Proximity Firefighting and Open-Circuit Self-Contained Breathing Apparatus (SCBA) (most current edition).
73	Bunker coats: inner lining	<input type="checkbox"/>	<input type="checkbox"/>	Ensure inspections of firefighting bunker coat inner linings in accordance with NFPA 1850 - Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural and Proximity Firefighting and Open-Circuit Self-Contained Breathing Apparatus (SCBA) (most current edition).
74	Bunker pants: outer shell	<input type="checkbox"/>	<input type="checkbox"/>	Ensure inspections of firefighting bunker pant outer shells in accordance with NFPA 1850 - Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural and Proximity Firefighting and Open-Circuit Self-Contained Breathing Apparatus (SCBA) (most current edition).
75	Bunker pants: inner lining	<input type="checkbox"/>	<input type="checkbox"/>	Ensure inspections of firefighting bunker pant inner linings in accordance with NFPA 1850 - Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural and Proximity Firefighting and Open-Circuit Self-Contained Breathing Apparatus (SCBA) (most current edition).
76	Balaclava/hood	<input type="checkbox"/>	<input type="checkbox"/>	Ensure inspections of firefighting protective hoods in accordance with NFPA 1850 - Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural and Proximity Firefighting and Open-Circuit Self-Contained Breathing Apparatus (SCBA) (most current edition).
77	Gloves	<input type="checkbox"/>	<input type="checkbox"/>	Ensure inspections of firefighting gloves in accordance with NFPA 1850 - Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural and Proximity Firefighting and Open-Circuit Self-Contained Breathing Apparatus (SCBA) (most current edition).
78	Workers receive training in use, removal, disposal, cleaning, inspection and limitations of PPE	<input type="checkbox"/>	<input type="checkbox"/>	Ensure workers receive training in selection, use, care, maintenance, repair, removal, disposal, cleaning, inspection and limitations of PPE in accordance with NFPA 1850 - Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural and Proximity Firefighting and Open-Circuit Self-Contained Breathing Apparatus (SCBA) (most current edition).
Current PPE Use Language		Yes	No	Proposed PPE Use Language

79	Handling/ decontamination of soiled soft/hard gear	<input type="checkbox"/>	<input type="checkbox"/>	Appropriate personal protective equipment, including respiratory protection, eye protection and contact protection (N95 respirator, protective eyewear, gloves & coveralls) is used when handling and decontaminating bunker gear and PPE.
80	Decontamination of laundry area/room	<input type="checkbox"/>	<input type="checkbox"/>	Appropriate personal protective equipment, including respiratory protection, eye protection and contact protection (N95 respirator, protective eyewear, gloves & coveralls) is used when cleaning and decontaminating the laundry room/area.
81	Decontamination of shower facilities	<input type="checkbox"/>	<input type="checkbox"/>	Appropriate personal protective equipment, including respiratory protection, eye protection and contact protection (N95 respirator, protective eyewear, gloves & coveralls) is used when cleaning and decontaminating the shower facilities.
82	Decontamination of apparatus - crew compartment and exterior	<input type="checkbox"/>	<input type="checkbox"/>	Appropriate personal protective equipment, including respiratory protection, eye protection and contact protection (N95 respirator, protective eyewear, gloves & coveralls) is used when cleaning and decontaminating the fire apparatus.
83	Decontamination of hose at station	<input type="checkbox"/>	<input type="checkbox"/>	Appropriate personal protective equipment, including respiratory protection, eye protection and contact protection (N95 respirator, protective eyewear, gloves & coveralls) is used when cleaning and decontaminating fire hose and other firefighting equipment.
				Proposed Exposure Reporting Language
NEW				Fire departments should implement processes that enable employees to report and track occupational exposures.
				Proposed Healthy Lifestyle Language
NEW				Fire departments should provide firefighters education and information on maintaining healthy lifestyles to reduce cancer risks (smoking cessation, fitness, diet etc.). Fire departments should promote healthy lifestyles along with the importance of fitness and the ability to perform their operational duties efficiently and safely while reducing the risk of musculoskeletal injuries, chronic disease, pre-mature death; and improving firefighter's overall well-being.
				Proposed Promoting Early Detection Language
NEW				Fire departments should provide firefighters education and information related to the early detection and prevention of cancer (self-screening information, monitoring for symptoms etc.) and should encourage firefighters to discuss early cancer detection with their health care providers.
				New Diesel Particulate Language
NEW				Fire departments should identify options for reducing the exposure to diesel particulate.
				New PFAs Language
NEW				Fire departments should identify options for reducing the exposure to Per- and Polyfluoroalkyl Substances (PFAs) (i.e. transition to PFAS free bunker gear, transition to PFAs free firefighting foam etc.).