

MANITOBA EMERGENCY SERVICES COLLEGE



Basic Fire Fighting Skills Student Manual

Student: _____

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BASIC FIRE FIGHTING SKILLS STUDENT MANUAL

INTRODUCTION

This Basic Fire Fighting Skills Student Manual is designed to provide members of municipal fire departments with a framework to effectively complete the Basic Fire Fighting Skills Course. It will assist you in planning as you work towards your goals, as well as creating a record of your training.

This course is based on Chapter 5, Fire Fighting Level I, NFPA 1001 – 2013 Standard. Designed for both fire departments and emergency services personnel, this course provides responders with the initial training of basic fire fighting skills to meet their Authority Having Jurisdiction (AHJ) requirements. This course is a combination of theory and practical demonstrations that are designed to expose students to the functions of a Fire Fighter and provide an introductory level of basic fire fighting skills.

Upon successful completion, this course can be recognized as a building block for a student to achieve the Manitoba Fire Fighting Certificate or NFPA 1001 accredited Certification (IFSAC/ProBoard) through the Manitoba Emergency Services College.

This Basic Fire Fighting Skills Student Manual must be used and maintained throughout the course by all students training to complete the Basic Fire Fighting Skills Course within the Manitoba Fire Service. No exceptions will be made.

Student Requirements

INTENDED AUDIENCE

The course is intended for individuals who are at least 18 years of age and planning to become a Fire Fighter within the Manitoba Fire Service.

The student must be physically and mentally capable of demonstrating the functions of a Fire Fighter.

Once students have completed the course, he/she should complete and submit a Confidential Course Evaluation Form that can be found on our website www.firemedic.ca

COURSE MATERIALS

In order to complete this course successfully, you will need to have the following materials:

Materials supplied to you by your Instructor

- ☑ *MESC Basic Fire Fighting Skills Student Manual* – the manual that you are reading now. This manual is designed to emphasize the areas of focus and will help you organize your information, track the training and study.

This manual is supplied by the MESC and will be given to your Instructor to issue to you at the start to your course. It is your responsibility to ensure that this manual is kept in a safe place. If you require a new manual there will be a charge. Please contact the MESC at the following:

Manitoba Emergency Services College
1601 Van Horne Avenue East
Brandon, MB R7A 7K2
Telephone: 1-888-253-1488

Materials you need to obtain

- ☑ *Delmar, Canadian Fire Fighter's Handbook, 1st Edition.*

These resources are available from:

Alberta Fire Chief's Association Bookstore
Telephone: 1-866-457-9011
www.afca.ab.ca

Annex Publishing & Printing Inc. (Book Division)
Simcoe, ON
Telephone: 1-877-267-3473
www.annexbookstore.com

Assiniboine Community College Bookstore (ACC)
1430 Victoria Ave. E., Brandon, MB
Telephone: 204-725-8721
www.assiniboine.bkst.com

Prices on textbooks are subject to change without notice and may vary slightly depending on the exchange rate of the Canadian Dollar.

ACTIVITIES

During your training in the Basic Fire Fighting Skills Course, you will be required to be actively involved. You will be completing the following kinds of activities:

READING ASSIGNMENTS

You will need to complete the reading assignments before each classroom session.

CLASSROOM SESSIONS

During the course, you will be meeting with your Instructor(s) and other class members at a specified site. At the site, you will participate in theory presentations, class discussions and demonstrations. You will have a chance to get hands-on experience with fire fighting equipment and ask questions of the experienced Fire Service Instructor(s).

SKILLS SESSIONS

The skill sessions provide the practical component of the course. You will learn the basic skills by following the related skill sheets at the end of this section.

SCENARIO SESSIONS (Optional)

The scenario sessions provide the student with the opportunity to put a variety of basic skills together so that you can perform your assigned fire fighting activities competently.

SKILLS LOG

Track your progression in the course by completing the appropriate Skills Log Sheets at the end of each section. Each time you are taught a new skill, enter the date. Then, as you practice the skill, enter these dates in your Skills Log as well. The more times you practice a skill, the more competent and confident you will become.

ATTESTATION

Upon successful completion of the Basic Fire Fighting Skills Course, the student, Instructor and Fire Chief must sign the Basic Fire Fighting Skills Course Attestation Form.

Successful completion of the course requires:

- 100% attendance;
- Successful demonstration of each skill;
- Skills Log completed and signed off by student and Instructor;
 - Student signature verifies he/she received all training within the course;
 - Instructor signature verifies he/she delivered all training to the student and has successfully demonstrated all skills.

Once complete, the Instructor will submit the attestation form to the MESC Student Services in order for the student to receive the certificate of completion. The certificate will identify the course and successful skills completed by the student that met the requirements of the AHJ.

Note:

The student is responsible to maintain their Basic Fire Fighting Skills Manual, Log Sheets and Skills Sheets as their personal training record for future use with MESC courses.

BASIC FIRE FIGHTING SKILLS

Course Overview

This course is designed to provide members of a municipal fire department with some basic skills and knowledge to assist with fire suppression activities within their AHJ. Objectives include communication, fireground operations, prevention, preparedness and maintenance.

The fire fighting profession involves more than fighting fires; it means responding to all emergencies. However, your job as a Fire Fighter is not just to respond to emergencies. Your job is to:

- Prevent - Provide public fire prevention and education
- Prepare - Prepare for emergency situations
- Practice - Practice the skills necessary to safely respond to an emergency

In order to ensure safety for both yourself and your community you will need to learn the basic skills outlined in this manual and apply them to day-to-day operations and emergency situations.

Students should be actively involved in fire department roles, day-to-day maintenance, training and emergency operations. This should include the general knowledge, skills and job performance requirements covered in the current National Fire Protection Association (NFPA) Firefighter qualifications.

PRE-REQUISITES

- 18 years of age
- Physically and mentally capable of performing the functions of a Fire Fighter

REQUISITE

- ICS 100 On-Line

COURSE OBJECTIVES

By the end of this course you should be able to:

- Apply your department's general operating guidelines and rules and regulations in any situation;
- Effectively use fire department communications;
- Perform fire ground operations necessary to ensure life safety, fire control, and property conservation;
- Perform the activities of prevention, preparedness, and maintenance to effectively reduce the loss of life and property due to fire.

GETTING HELP

Your Instructor(s) and classmates are available to assist you through the Basic Fire Fighting Skills Course. Fill in the following information about your Instructor(s).

Instructor's Name _____
Phone Numbers _____

Instructor's Name _____
Phone Numbers _____

Instructor's Name _____
Phone Number _____

TARGET DATES

Obtain a course schedule from your Instructor and note the target dates below as a reminder of your goals.

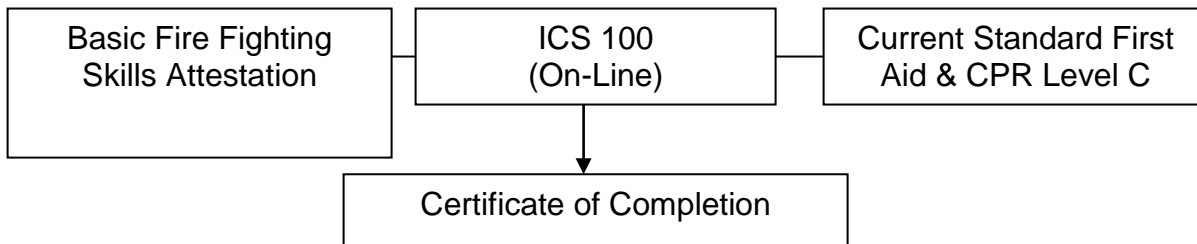
Basic Fire Fighter Start Date: _____

Basic Fire Fighter End Date: _____

Note:

The Basic Fire Fighting Skills Course must be completed within the current NFPA Standard year. Please contact Manitoba Emergency Services College for the exact timeline to be completed as **NO** exceptions will be considered.

FIRE FIGHTING PROCESS CHART



The Basic Fire Fighting Skills may be used as a building block for a student to register into the Fire Fighting Level I Course.

The Certified Instructor may ask the Student to verify these skills prior to proceeding.

Basic Fire Fighting I

Skills Log (Page 1)



Skill Sheet	Instructor	Date Taught	Date Practiced	Date Practiced	Date Practiced	Date Practiced
3-1						
3-2						
5-1						
6-1						
7-1						
7-2						
7-3						
7-5						
8-1						
15-1						
Stage 1 Scenario						
10-1						
10-2						
10-3						
10-4						
10-5						
10-6						
10-7						
10-8						
10-9						
10-10						
10-11						
10-12						
10-13						
10-14						
Stage 2 Scenario						

I, _____, attest that the Instructor taught the practical skills on the date noted, and that I practiced the individual skills on the subsequent dates noted. I attest that I performed the skills as part of a team in practical scenarios on the dates noted (**if applicable**). I attest that I have attained the knowledge and skills required for successful completion the Basic Fire Fighting Skills Course.

 Student Signature

 Date

 Instructor Signature

 Date



Basic Fire Fighting I

Skills List

Mandatory Skills	AHJ Determined Skills
3-1 Communications – Radio 3-2 Communications – Telephone 5-1 Responding on Apparatus 6-1 Donning PPE 7-1 Donning SCBA 7-2 Inspecting SCBA 7-3 SCBA Emergency Procedures 7-5 Changing an Air Cylinder 8-1 Operating Portable Fire Extinguishers 10-1 Cleaning/Inspecting Fire Hose 10-2 Hose – Coupling and Uncoupling 10-3 Hose - Section Drain and Carry 10-4 Rolling Hose 10-11 Advancing Hose 10-14 Extending/Replacing Hoselines 15-1 Knots and Hoisting	10-5 Loading/Advancing Hose – Accordion 10-6 Loading/Advancing Hose – Flat Load 10-7 Loading/Advancing Hose – Preconnect Flat 10-8 Loading/Advancing Hose – Preconnect Minuteman 10-9 Loading/Advancing Hose – Triple Layer 10-10 Loading/Advancing Hose – Horseshoe 10-12 Water Supply – Hydrant 10-13 Water Supply – Drafting

BASIC FIRE FIGHTING SKILLS SHEETS



Communications-Radio

The ability to operate radio equipment – 2013 Edition, NFPA 1001 Chapter 5.2.3

Level 1 Firefighting

Skill Sheet 3-1

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate will demonstrate transmitting and receiving radio messages using a two-way portable radio. The candidate will use radio procedures correctly.

Criteria:	Pass	Fail
USING A TWO-WAY RADIO		
Checks equipment and ensures that radio is on right frequency, battery is charged, and radio is ready to be used - CRITICAL POINT		
Waits for open channel prior to transmitting ensuring that they are not interrupting other transmissions (Emergency Traffic priority over all other transmissions)		
Begins with call sign of station being called		
Uses radio phonetics correctly		
Transmits message clearly, concisely, and using clear speech (no codes)		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (4/5 required)	Score: __/5	
Evaluator Notes		



Communications-Telephone Calls

Answer emergency and non-emergency calls – 2013 Edition, NFPA 1001 Chapter 5.2.1, 5.2.2

Level 1 Firefighting

Skill Sheet 3-2

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate, given a specific situation, shall demonstrate the procedures for answering emergency and non-emergency calls using department communications equipment and ensuring that all information is received and relayed appropriately. Evaluator to choose one of the following.

Criteria:	Pass	Fail
NON-EMERGENCY CALL		
Identifies self and department in a timely fashion		
Obtains all pertinent information from caller (caller's name, callback number, who they are calling, nature of call)		
Records all information (should include date, time, their own name) - CRITICAL POINT		
Hangs up last		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
EMERGENCY CALL		
Identifies self and department in a timely fashion		
Obtains all pertinent information from caller (location of emergency, nature of emergency, caller's name and callback number, caller's location and situation)		
Records all information (should include date, time, their own name) - CRITICAL POINT		
Hangs up last		
Relays information promptly and accurately to dispatch		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (4/5 required)	Score: __/5	

Evaluator Notes



Responding on Apparatus

Respond on apparatus to an emergency scene – 2013 Edition, NFPA 1001 Chapter 5.3.2*

Level 1 Firefighting

Skill Sheet 5-1

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate, wearing personal protective clothing shall properly use all safety devices and equipment while responding on an apparatus to an emergency. The candidate shall properly mount and dismount apparatus, recognizing potential hazards.

Criteria:	Pass	Fail
RESPONDING ON APPARATUS		
Properly dressed in all personal protective clothing & equipment – CRITICAL POINT		
Mounts and dismounts apparatus using proper foot and hand holds		
Sits in a proper location and fastens seatbelt and other safety devices - CRITICAL POINT		
Indicates to driver that they are seated and secured		
Completes movements which do not require removal of safety devices		
Remains seated until driver indicates that dismount is safe – CRITICAL POINT		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (5/6 required)	Score: __/6	
Evaluator Notes		



Donning Personal Protective Equipment

The ability to don personal protective clothing – 2013 Edition, NFPA 1001 Chapter 5.1.2, 5.3.1*

Level 1 Firefighting

Skill Sheet 6-1

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate, given a complete set of PPE, will don full personal protective equipment, according to manufacturer's recommendations.

Time limit for this station is 3 minutes. Timing starts when the candidate first touches any article of turnout gear after telling the evaluator they are ready to start.

Criteria:	Pass	Fail
DONNING PERSONAL PROTECTIVE EQUIPMENT		
Dons boots, pants, protective hood, coat, helmet, and gloves		
All personal protective equipment donned properly (no exposed skin except for facial area, helmet strap is tightened, coat collar is up, and all fasteners are secured) – CRITICAL POINT		
Doffs personal protective clothing and prepares for reuse		
Dons PPE within 3 minutes – CRITICAL POINT		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
<p>Evaluator Notes</p>		



Donning Self-Contained Breathing Apparatus

The ability to don self-contained breathing apparatus – 2013 Edition, NFPA 1001 Chapter 5.3.1*, 5.5.1

Level 1 Firefighting

Skill Sheet 7-1

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate, wearing personal protective equipment shall properly don a self-contained breathing apparatus, according to manufacturer's recommendations. The candidate may use any of the following: Over-the-head method, Coat method, Seat mount method, or Compartment method.

Time limit for this station is 3 minutes. Timing starts when the candidate first touches any part of the self-contained breathing apparatus after telling the evaluator they are ready to start. Timing will end when all protective clothing and SCBA are donned and the PASS alarm is activated.

Criteria:	Pass	Fail
DONNING SELF-CONTAINED BREATHING APPARATUS		
Checks air supply and ensures that cylinder is at least 90% full and opens cylinder valve fully listening for low air alarm and activates PASS alarm (if equipped)		
Compares cylinder gauge to the regulator or remote gauge and ensures they are within 10% of each other		
Dons SCBA using one of the listed methods and ensures unit is secured and adjusted properly		
Dons face piece, attaches regulator (if using waist mount regulator, attaches breathing tube to regulator) inhales activating regulator, holds breath for 5 seconds to ensure there are no leaks – CRITICAL POINT		
Exhales forcefully to ensure exhalation valve is working properly - CRITICAL POINT		
Dons hood, helmet, and gloves and ensures there is no exposed skin – CRITICAL POINT		
Dons SCBA within 3 minutes – CRITICAL POINT		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (6/7 required)	Score: __/7	

Evaluator Notes



Inspecting SCBA

SCBA is cleaned and maintained – 2013 Edition, NFPA 1001 Chapter 5.3.1*, 5.5.1

Level 1 Firefighting

Skill Sheet 7-2

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate, given a self-contained breathing apparatus shall demonstrate how to inspect and maintain this unit to ensure the SCBA is ready to use

Criteria:	Pass	Fail
INSPECTING SCBA		
Checks that cylinder is at least 90% full		
Checks that all gauges work. Cylinder & regulator gauge should read within 10% of each other		
Checks to see that low pressure alarm is in working condition – CRITICAL POINT		
Checks to ensure that all hose connections are tight & free of leaks		
Checks to ensure that the face piece is in good condition & the straps are in the fully extended position		
Checks to ensure that the harness system is in good condition & that all straps are in the fully extended position		
Checks to ensure that all valves (e.g. bypass, mainline, exhalation) are operational. Bypass valve should be fully closed. – CRITICAL POINT		
Tests function of PASS alarm, both motion and manual activation (if equipped)		
Checks cleanliness of unit		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (7/9 required)	Score: ___/9	
Evaluator Notes		



SCBA Emergency Procedures

The ability to control breathing and initiate emergency procedures in the event of an SCBA failure
 – 2013 Edition, NFPA 1001 Chapter 5.3.1*

Level 1 Firefighting

Skill Sheet 7-3

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate, wearing full personal protective equipment and SCBA shall demonstrate controlled breathing techniques and be able to demonstrate the ability to perform an emergency procedure check on their self contained breathing apparatus. The Evaluator will choose one or both according to scenario.

Criteria:	Pass	Fail
CONSERVATION OF AIR (CONTROLLED BREATHING)		
Calls a Mayday – CRITICAL POINT		
Inhales normally through mouth/nose and exhales normally through nose/mouth (either method is acceptable)		
Inhales and exhales slowly		
Repeats steps for three minutes		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
EMERGENCY PROCEDURE CHECK		
Calls a Mayday – CRITICAL POINT		
Does not remove face piece – CRITICAL POINT		
Hand goes to the face piece and regulator, checking by-pass valve		
Uses bypass or cylinder valve to control air flow (depending on free flow or no flow)		
Corrects problem if possible		
Moves to exit as quickly as possible		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (5/6 required)	Score: __/6	
Evaluator Notes		



Changing an Air Cylinder

The ability to replace SCBA air cylinders – 2013 Edition, NFPA 1001 Chapter 5.3.1*

Level 1 Firefighting

Skill Sheet 7-5

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate, wearing full personal protective equipment, shall demonstrate the proper procedure for changing an empty cylinder using the one person method. The candidate may use any SCBA unit available to his/her department.

Criteria:	Pass	Fail
CHANGING AN AIR CYLINDER		
Doffs unit as per manufacture's guidelines		
Closes cylinder valve on the used bottle and bleeds off pressure - CRITICAL POINT		
Disconnects the high-pressure coupling from the cylinder and lays the hose coupling on the ground, directly in line with the cylinder outlet (ensures grit & liquids cannot enter the end of the unprotected high-pressure hose prior to attaching it to the cylinder outlet valve)		
Releases the cylinder clamp & removes the empty cylinder and places a new cylinder into the backpack		
Checks cylinder valve opening & the high-pressure hose fitting for debris and checks condition of O-ring		
Connects high-pressure hose to cylinder valve opening and opens cylinder valve		
Checks gauges on cylinder & regulator (ensures they are within 10% of each other)		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (6/7 required)	Score: __/7	
Evaluator Notes		



Operating Portable Fire Extinguishers

Extinguish incipient Class A, B, and C fires with portable fire extinguishers – 2013 Edition,
 NFPA 1001 Chapter 5.3.16*

Level 1 Firefighting

Skill Sheet 8-1

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate, wearing full protective equipment and given a selection of portable fire extinguishers, shall extinguish small Class A, B, and C fires so that the correct extinguisher is chosen, the fire is completely extinguished, and proper extinguisher handling techniques are followed.

Criteria:	Pass	Fail
OPERATING PORTABLE FIRE EXTINGUISHERS		
Wears complete personal protective clothing		
Identifies class of fire (A,B,C)		
Correct fire extinguisher/agent is selected		
Verbalizes disrupting electrical current prior to extinguishing (class C only)		
Assures operation prior to using (fully charged and test fire extinguisher)		
Uses P-A-S-S method		
Extinguishes fire completely and backs away when retreating – CRITICAL POINT		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (6/7 required)	Score: __/7	
Evaluator Notes		



Cleaning/Inspecting Fire Hose

The ability to clean and inspect fire hose – 2013 Edition, NFPA 1001 Chapter 5.5.2*

Level 1 Firefighting

Skill Sheet 10-1

Candidate's Name	Date
Evaluator's Name	Evaluator's Signature

The candidate, given washing equipment, water, detergent, tools, and replacement hose gaskets shall wash and inspect fire hose for any damage and to ensure hose is in a ready state for service.

Criteria:	Pass	Fail
CLEANING/INSPECTING FIRE HOSE		
Cleans couplings using water and brush (soapy water if necessary)	<input type="checkbox"/>	<input type="checkbox"/>
Inspects couplings on hose ensuring that swivels operate and threads are not damaged	<input type="checkbox"/>	<input type="checkbox"/>
Demonstrates replacing hose coupling gasket	<input type="checkbox"/>	<input type="checkbox"/>
Cleans hose jacket using brooms, brushes, clear water, and soap for areas of heavy contamination	<input type="checkbox"/>	<input type="checkbox"/>
Inspects hose jacket ensuring there are no defects or damage (holes, tears, or chemicals/fuel)	<input type="checkbox"/>	<input type="checkbox"/>
If hose is found to be defective, marks out of service and records	<input type="checkbox"/>	<input type="checkbox"/>
Dries hose using hose tower, drying rack, or other means (keeps out of direct sunlight and high heat devices for drying)	<input type="checkbox"/>	<input type="checkbox"/>
Firefighter must have at least 75% pass mark for each skill and perform all critical points (6/7 required)	Score: __/7	

Evaluator Notes



Hose – Coupling and Uncoupling

The ability to couple and uncouple various hand line connections – 2013 Edition, NFPA 1001
 Chapter 5.3.10*

Level 1 Firefighting

Skill Sheet 10-2

Candidate's Name	Date
Evaluator's Name	Evaluator's Signature

The candidate, wearing personal protective equipment and given two lengths of fire hose shall couple and uncouple the hose using two of the following methods.

Criteria:	Pass	Fail
ONE PERSON FOOT-TILT METHOD		
Inspects all components for physical damage		
Ensures gasket is in place		
Tilts male coupling upward with foot		
Connects couplings by turning the swivel completely onto the male end, aligning flat sides of hose		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
ONE PERSON OVER-THE-HIP METHOD		
Inspects all components for physical damage		
Ensures gasket is in place		
Brings female coupling over the hip		
Connects couplings by aligning the two couplings and swivel female coupling		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
TWO PERSON OVER-THE-HIP METHOD		
Inspects all components for physical damage		
Ensures gasket is in place		
Has assistant hold male coupling and look away		
Connects couplings by turning swivel connector clockwise, aligning flat sides of the hose		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	



Level 1 Firefighting

Hose – Coupling and Uncoupling

The ability to couple and uncouple various hand line connections – 2013 Edition, NFPA 1001
 Chapter 5.3.10*

Skill Sheet 10-2

Criteria:	Pass	Fail
ONE PERSON KNEE-PRESS METHOD		
Folds hose on itself on the ground and press knee down on female coupling		
Turns female coupling to the left to break connection		
Disconnects the coupling (turns coupling counter clockwise)		
Places couplings on ground		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
TWO PERSON STIFF-ARM METHOD		
Positions self & partner for grasping couplings (facing each other with coupling in between; feet apart: grasps using both hands; arms stiff & straight)		
Using body weight, compresses gaskets in couplings (presses coupling toward each other)		
Disconnect the coupling (turns coupling counter clockwise)		
Places couplings on ground		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
Evaluator Notes		



Hose - Section Drain and Carry

The ability to return fire hose into service – 2013 Edition, NFPA 1001 Chapter 5.5.2*

Level 1 Firefighting

Skill Sheet 10-3

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate, given a complete set of PPE and a 15m (50') section of 38, 45, or 65 mm (1 1/2", 1 3/4", 2 1/2") hose, shall demonstrate a drain and carry of that hose.

Criteria:	Pass	Fail
HOSE SECTION DRAIN AND CARRY		
Starts at one end of hose with coupling at waist and feeds hose over shoulder and back down to waist		
Fold is created and the hose is laid on itself back to the front		
Continues to walk forward folding and re-folding the hose at the waist until finished		
Carries hose to desired location		
Firefighter must have at least 75% pass mark for each skill and perform all critical points	Score: __/4	

Evaluator Notes



Rolling Hose

The ability to roll hose and put back in service– 2013 Edition, NFPA 1001 Chapter 5.5.2*

Level 1 Firefighting

Skill Sheet 10-4

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate, given sections of 38mm to 65mm (1 ½" to 2 ½") fire service hose shall demonstrate rolling hose using two different hose rolls. Candidate or Evaluator will choose the hose rolls.

Criteria:	Pass	Fail
STRAIGHT ROLL		
Lays hose in a straight line		
Inspects all components for physical damage, including gasket		
Begins rolling at male end towards female		
Completes the roll ensuring edges are aligned for storage		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
SINGLE DONUT (METHOD #1)		
Lays hose out and carries one coupling end to opposite end and places beside other (looped section should lie flat and without twisting)		
Inspects all components for physical damage, including gasket		
Starts the roll on the male coupling side approximately 1m (3') from fold and rolls toward male end		
Completes the roll bringing the female coupling end over the male coupling end		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
SINGLE DONUT (ALTERNATIVE METHOD)		
Lays hose in straight line		
Inspects all components for physical damage, including gasket		
Protects male coupling by folding over hose and placing coupling on hose		
Finds centre of hose and move towards male end approximately 2m (6') and starts rolling towards female end		
Completes the roll bringing the female coupling end over the male coupling end		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (4/5 required)	Score: __/5	



Rolling Hose

The ability to roll hose and put back in service– 2013 Edition, NFPA 1001 Chapter 5.5.2*

Level 1 Firefighting

Skill Sheet 10-4

Criteria:	Pass	Fail
TWIN DONUT ROLL		
Lays hose flat with couplings together at one end lying parallel to each other		
Inspects all components for physical damage, including gasket		
At the center, starts rolling with loop folded over both halves and both halves are rolled toward coupling end at the same time		
Completes the roll and secures with strap, rope, or creates a self-locking roll		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
<p>Evaluator Notes</p>		



Loading/Advancing an Accordion Load

The ability to load and advance fire hose – 2013 Edition, NFPA 1001 Chapter 5.3.10*, 5.5.2*

Level 1 Firefighting

Skill Sheet 10-5

Candidate's Name	Date
Evaluator's Name	Evaluator's Signature

The candidate, given a complete set of PPE and three (3) 15 m (50') sections of 65mm (2½") hose, shall demonstrate the procedures for loading and advancing an accordion hose load for a reverse lay. The student shall load all three (3) sections of 65mm (2½") hose. The student may use an assistant to load the hose; however, the student must instruct the assistant as if he/she had no prior hose loading knowledge.

Criteria:	Pass	Fail
LOADING AN ACCORDION LOAD		
Lays first length against partition on edge with female coupling at front of bed (the female may be attached to pumper outlet for a pre-connect)		
Continues loading hose parallel and on edge from the back of the bed to the front		
First bend of hose is even with back edge of hose bed		
Folds at back edge of bed are staggered approximately 5 cm (2") from adjacent bend		
Uses a Dutchman where appropriate		
Hose is loaded neatly and evenly		
Secures end of hose (for pre-connect, nozzle may be attached)		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (6/7 required)	Score: __/7	
ADVANCING AN ACCORDION LOAD		
Proper appliance or nozzle is attached at end of hose		
Selects the proper amount of hose to be deployed and pulls hose halfway out of bed and places on shoulder with nozzle or appliance at bottom – CRITICAL POINT		
Steps away from bed pulling additional folds and dropping them to ground (another fire fighter can be used at this point to shoulder load instead of dropping to ground)		
Hose is flaked off of shoulder one fold at a time while moving forward		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
Evaluator Notes		



Loading/Advancing a Flat Load

The ability to load and advance fire hose – 2013 Edition, NFPA 1001 Chapter 5.3.10*, 5.5.2*

Level 1 Firefighting

Skill Sheet 10-6

Candidate's Name	Date
Evaluator's Name	Evaluator's Signature

The candidate, given a complete set of PPE and three (3) 15 m (50') sections of 65mm (2½") hose, shall demonstrate the procedures for loading and advancing a flat hose load for a forward lay. The student shall load all three (3) sections of 65mm (2½") hose. The student may use an assistant to load the hose; however, the student must instruct the assistant as if he/she had no prior hose loading knowledge.

Criteria:	Pass	Fail
LOADING A FLAT LOAD		
Lays first length in bed against partition, flat with male coupling on the right of the bed		
Folds hose upon itself, on top of first length and even with rear of edge of bed		
Continues toward front of bed, angling slightly to place this length adjacent to the first		
Continues this pattern across bed and staggers folds at rear edge		
Lays hose on top of previous length angling off to side so that next bend is adjacent to previous bend at rear of hose bed		
Lays succeeding lengths progressively inward toward the center, until hose bed is filled		
Uses a Dutchman where appropriate		
Hose is loaded neatly and evenly		
Secures end of hose (for pre-connect, nozzle may be attached)		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (7/9 required)	Score: __/9	
ADVANCING A FLAT LOAD		
Proper appliance or nozzle is attached at end of hose		
Selects the proper amount of hose to be deployed and pulls hose halfway out of bed and places on shoulder with nozzle or appliance at bottom – CRITICAL POINT		
Steps away from bed pulling additional folds and dropping them to ground (another fire fighter can be used at this point to shoulder load instead of dropping to ground)		
Hose is flaked off of shoulder one fold at a time while moving forward		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
Evaluator Notes		



Loading/Advancing Pre-Connected Flat Load

The ability to load and advance fire hose – 2013 Edition, NFPA 1001 Chapter 5.3.10*, 5.5.2*

Level 1 Firefighting

Skill Sheet 10-7

Candidate's Name	Date
Evaluator's Name	Evaluator's Signature

The candidate, given a complete set of PPE and SCBA, and an engine with 45m (150') of 38mm or 45mm (1-1/2" or 1-3/4") attack line shall demonstrate the correct procedure for loading and advancing a flat load attack line. The student may use an assistant; however, the student must instruct the assistant as if he/she had no prior knowledge.

Criteria:	Pass	Fail
LOADING A PRE-CONNECTED FLAT LOAD		
Attaches the female coupling to the discharge outlet		
Lays the first fold length of hose flat in the bed against the side wall		
Angles the hose to lay the next fold length adjacent to the first fold length (number of adjacent folds to be determined by width of hose bed)		
Extends loops on hose where appropriate for easy hose deployment (loops can be placed at 1/3 and 2/3 OR can be put at bottom of bed)		
Completes loading and attaches nozzle or appliance		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (4/5 required)	Score: __/5	
ADVANCING A PRE-CONNECTED FLAT LOAD		
Proper appliance or nozzle is attached at end of hose		
Selects the proper amount of hose to be deployed and pulls hose about a 1/3 of the way out of bed and places on shoulder with nozzle or appliance at bottom – CRITICAL POINT		
Walks away from apparatus allowing hose to pay off or drop to side as advancing		
Ensures hose is deployed with no kinks or tangles and entire hose lay is deployed from apparatus		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
Evaluator Notes		



Loading/Advancing Pre-Connected Minuteman Load

The ability to load and advance fire hose – 2013 Edition, NFPA 1001 Chapter 5.3.10*, 5.5.2*

Level 1 Firefighting

Skill Sheet 10-8

Candidate's Name	Date
Evaluator's Name	Evaluator's Signature

The candidate, given a complete set of PPE and SCBA, and an engine with 45m (150') of 38mm or 45mm (1-1/2" or 1-3/4") attack line shall demonstrate the correct procedure for loading and advancing a minuteman load attack line. The student may use an assistant; however, the student must instruct the assistant as if he/she had no prior knowledge.

Criteria:	Pass	Fail
LOADING A PRE-CONNECTED MINUTEMAN LOAD		
Attaches the female coupling to the discharge outlet		
Lays the first length of hose flat in the bed against the side wall leaving a loop at the bottom for pulling later		
Leaves about 1m (3') outside of bed and puts to side for attachment later (number of adjacent folds to be determined by width of hose bed)		
Attaches nozzle to next length and loads the rest of hose using a flat load until female end is reached		
Connects hose that was laid to the side with hose that has nozzle to complete the loading		
Connected sections laid on top of load		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (5/6 required)	Score: __/6	
ADVANCING A PRE-CONNECTED MINUTEMAN LOAD		
Nozzle and hose layers on top are pulled out from apparatus and placed on shoulder (a loop can be placed at the bottom of nozzle for ease of deployment)		
Pulls bottom loop of hose load to ensure full deployment of hose from apparatus – CRITICAL POINT		
Walks away from apparatus allowing hose to pay off or drop to side as advancing		
Ensures hose is deployed with no kinks or tangles and entire hose lay is deployed from apparatus		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
Evaluator Notes		



Loading/Advancing a Triple Layer Load

The ability to load and advance fire hose – 2013 Edition, NFPA 1001 Chapter 5.3.10*, 5.5.2*

Level 1 Firefighting

Skill Sheet 10-9

Candidate's Name	Date
Evaluator's Name	Evaluator's Signature

The candidate, given a complete set of PPE and three (3) 15 m (50') sections of 65mm (2½") hose, shall demonstrate the procedures for loading and advancing a triple layer hose load. The student shall load all three (3) sections of hose. The student may use an assistant to load the hose; however, the student must instruct the assistant as if he/she had no prior hose loading knowledge.

Criteria:	Pass	Fail
LOADING A TRIPLE LAYER LOAD		
Couples all sections of hose together to make one length of 45m (150')		
Attaches female coupling to discharge and attaches nozzle at opposite end		
Lays hose in straight line from apparatus		
Picks up hose at a point 2/3 of distance to nozzle end and carries fold toward apparatus and lays carried hose on top of first part of hose		
Forms three layers of hose that are stacked on one another		
Uses assistants to help simultaneously load all three layers into engine hose bed		
Three layers stay together throughout loading and staggers folds		
Continues laying hose into the bed until the entire length is loaded and if possible, slips fold thru bale of nozzle		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (6/8 required)	Score: __/8	
ADVANCING A TRIPLE LAYER LOAD		
Places first fold with nozzle over the shoulder while facing in the direction of travel		
Walks away from apparatus and advances hose until entire load has cleared the bed – CRITICAL POINT		
Drops fold and advances nozzle to objective		
Ensures hose is deployed with no kinks or tangles		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
Evaluator Notes		



Loading/Advancing a Horseshoe Load

The ability to load and advance fire hose – 2013 Edition, NFPA 1001 Chapter 5.3.10*, 5.5.2*

Level 1 Firefighting

Skill Sheet 10-10

Candidate's Name	Date
Evaluator's Name	Evaluator's Signature

The candidate, given a complete set of PPE and three (3) 15 m (50') sections of 65mm (2½") hose, shall demonstrate the procedures for loading and advancing a horseshoe hose load. The student shall load all three (3) sections of 65mm (2½") hose. The student may use an assistant to load the hose; however, the student must instruct the assistant as if he/she had no prior hose loading knowledge.

Criteria:	Pass	Fail
LOADING A HORSESHOE LOAD		
Lays first length against partition on edge with coupling at back of bed (the female may be attached to pumper outlet for a pre-connect)		
Lays hose around perimeter of bed, so that it comes back to rear of hose bed, on opposite side of first bend		
Makes bend in hose and lays hose around perimeter, inside of first length of hose		
Lays succeeding lengths progressively inward toward the center, until hose bed is filled		
Uses a Dutchman where appropriate		
Hose is loaded neatly and evenly		
Secures end of hose (for pre-connect, nozzle may be attached)		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (6/7 required)	Score: __/7	
ADVANCING A HORSESHOE LOAD		
Proper appliance or nozzle is attached at end of hose		
Selects the proper amount of hose to be deployed and pulls hose halfway out of bed and places on shoulder with nozzle or appliance at bottom – CRITICAL POINT		
Steps away from bed pulling additional folds and dropping them to ground (another fire fighter can be used at this point to shoulder load instead of dropping to ground)		
Hose is flaked off of shoulder one fold at a time while moving forward		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
Evaluator Notes		



Advancing Fire Hose

The ability to advance fire hose – 2013 Edition, NFPA 1001 Chapter 5.3.10*, 5.5.2*

Level 1 Firefighting

Skill Sheet 10-11

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate, wearing protective equipment, given the necessary equipment, and assistance, shall advance a 38mm (1 ½") or larger hoseline using one of the situations listed.

Criteria:	Pass	Fail
ADVANCING A CHARGED LINE INTO STRUCTURE		
Advances hoseline to door with partner and both firefighters are on the same side of hose		
Evaluates fire and building conditions before entry		
Bleeds air out of hoseline and verifies nozzle operation before entering doorway – CRITICAL POINT		
Checks door for heat and sets nozzle pattern		
Opens door, looks up to ceiling and stays low when entering doorway		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (4/5 required)	Score: __/5	
ADVANCING AN UNCHARGED LINE UP A STAIRWELL		
Chooses correct length and size of hose		
Advances hose up stairs and places on outside of wall		
Maintains contact with partner – CRITICAL POINT		
Advances extra hose to next floor above fire and returns to fire floor with nozzle		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
ADVANCING A CHARGED LINE UP A STAIRWELL		
Applies water from bottom of stairs to darken down fire if fire is present		
Shuts down nozzle and advances quickly up stairs		
Maintains contact with partner – CRITICAL POINT		
Opens nozzle and continues fire attack at top of stairs if fire is present		
Pulls adequate amount of hose up to fire floor and advances to fire		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (4/5 required)	Score: __/5	



Advancing Fire Hose

The ability to advance fire hose – 2013 Edition, NFPA 1001 Chapter 5.3.10*, 5.5.2*

Level 1 Firefighting

Skill Sheet 10-11

Criteria:	Pass	Fail
ADVANCING A CHARGED LINE DOWN A STAIRWELL		
Pulls adequate amount of hose to the top of the stairwell		
Advances hoseline quickly down stairs		
Maintains contact with partner – CRITICAL POINT		
Pulls adequate amount of hose down to fire floor and advances to fire		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
ADVANCING HOSE FROM A STANDPIPE		
Obtains high rise or standpipe pack and ensures all equipment necessary is ready to advance (gated wye, attack lines, nozzle, wrenches and adapters)		
Proceeds to floor below fire floor and attaches necessary equipment to standpipe for advancement		
Advances entire hose length avoiding kinks or any complications – CRITICAL POINT		
Bleeds air out of hoseline and verifies nozzle operation before advancing to fire – CRITICAL POINT		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
ADVANCING AN UNCHARGED LINE FROM LADDER		
Hose load is off to the side of the ladder and firefighter takes nozzle and pulls it under the armpit, across the chest and over the opposite shoulder		
Nozzle resting in small of back, climbs the ladder with both hands		
Firefighter climbs approximately 6m (20') and stops to allow next firefighter to keep advancing hose		
Next firefighter places hose over shoulder on the same side as first firefighter at the coupling and climbs the ladder maintaining their appropriate distance		
At the point of entry, the firefighter with nozzle places nozzle over tip of ladder into building and before climbing in, sounds the floor with tool to ensure floor integrity – CRITICAL POINT		
Second firefighter follows with section of hose on shoulder and climbs into building		
Pulls remainder of hose into building		
Bleeds air out of hoseline and verifies nozzle operation before advancing to fire – CRITICAL POINT		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (6/8 required)	Score: __/8	



Advancing Fire Hose

The ability to advance fire hose – 2013 Edition, NFPA 1001 Chapter 5.3.10*, 5.5.2*

Level 1 Firefighting

Skill Sheet 10-11

Criteria:	Pass	Fail
ADVANCING A CHARGED LINE FROM LADDER		
Hoseline with nozzle is brought to base of ladder		
Bleeds air out of hoseline and verifies nozzle operation before advancing up ladder - CRITICAL POINT		
Firefighters climb ladder and space themselves at the opening and at the feet of the next firefighter		
Hoseline is passed up ladder from one firefighter to the next until it reaches the opening		
Hoseline is either passed into to opening for advancement or used from ladder		
Hoseline is secured using rope hose tool or hose strap in appropriate locations (every 6m (20') and at base of ladder)		
Ensures ladder is secure at all times and leg lock (or ladder belt) is used – CRITICAL POINT		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (6/7 required)	Score: __/7	
Evaluator Notes		



Water Supply - Hydrant

The ability to make hydrant to pumper hose connections for forward and reverse lays – 2013 Edition, NFPA 1001 Chapter 5.3.15*

Level 1 Firefighting

Skill Sheet 10-12

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate, wearing personal protective equipment and given supply or intake hose, hose tools, and a fire hydrant or static water source shall connect a fire department pumper to a water supply ensuring connections are tight and water flow is not obstructed. Only one method will be used based on scenario.

Criteria:	Pass	Fail
HYDRANT (FORWARD LAY CONNECTION)		
Grasps needed equipment & sufficient hose (spanner & hydrant wrench, necessary appliance & adapter)		
Wraps hydrant, steps on hose ensuring they are not between hose and hydrant and signals pump operator to start lay – CRITICAL POINT		
Removes cap from appropriate outlet(s) and ensures other outlet caps are tightened (uses appropriate outlet nearest fire)		
Places hydrant wrench on the valve stem operating nut and removes hose loop from hydrant and connects hose to hydrant outlet closest to fire		
Installs hydrant gate(s) on extra outlet(s) as required by department guidelines		
Ensures supply line is attached to pumper OR hose clamp is used and placed properly		
Opens hydrant slowly and fully and ensures water flow is not restricted		
Uncouples hose from bed (if hose clamp was used) and connects to pumper intake and releases hose clamp safely		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (6/8 required)	Score: __/8	
REVERSE LAY CONNECTION		
Grasps needed equipment & sufficient hose (spanner & hydrant wrench, necessary appliance & adapter) to reach attack pumper intake		
Anchors hose to stationary object and signals driver to start reverse lay		
Supply line is attached to attack pumper OR hose clamp is used and placed properly		
Intake hose is connected from supply pumper to hydrant and opens hydrant properly and ensures water flow is not restricted		
Prepares supply hose for connection and connects to discharge outlet of supply pumper and charges line once attack pumper is ready (releases hose clamp if used)		
Ensures all connections are tight		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (5/6 required)	Score: __/6	



Water Supply - Drafting

The ability to connect and place hard suction hose for drafting operations – 2013 Edition, NFPA 1001 Chapter 5.3.15*

Level 1 Firefighting

Skill Sheet 10-13

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate, wearing personal protective equipment and given the assistance of another fire fighter, required equipment (hose strainer(s), (2 to 4) 3m (10 ft) sections of hard suction hose, rubber mallet, utility rope) shall assemble and connect the equipment necessary for drafting from a static water source.

Criteria:	Pass	Fail
DRAFTING FROM STATIC WATER SOURCE		
Checks hard-suction couplings (removes debris; checks gaskets and replace if necessary) – CRITICAL POINT		
Connects the sections of hard-suction hose (uses mallet if necessary to tighten for an airtight connection)		
Connects strainer to one end of the hard-suction hose (uses mallet if necessary to tighten for an airtight connection; fastens rope to strainer)		
Connects the hard-suction hose to the pump intake (uses mallet if necessary to tighten for an airtight connection)		
At this point the evaluator should have a driver/operator pull the pumper into draft position.		
Puts strainer into the water (uses rope to move hose & keep strainer off bottom)		
Ties up strainer rope (ties to stationary object or pumper)		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (5/6 required)	Score: __/6	
DRAFTING FROM PORTABLE WATER TANK		
Places tarp on level ground		
Deploys primary portable water tank adjacent to pumper (ensures drain is on low side and away from pumper, pumper access and compartment access is not compromised)		
Checks hard-suction couplings (removes debris; checks gaskets and replace if necessary) – CRITICAL POINT		
Connects the sections of hard-suction hose (uses mallet if necessary to tighten for an airtight connection)		
Connects strainer (low-level strainer preferred) to one end of the hard-suction hose (uses mallet if necessary to tighten for an airtight connection)		
Connects the hard-suction hose to the pump intake (uses mallet if necessary to tighten for an airtight connection)		
Puts strainer into the portable water tank		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (6/7 required)	Score: __/7	



Water Supply - Drafting

The ability to connect and place hard suction hose for drafting operations – 2013 Edition, NFPA 1001 Chapter 5.3.15*

Level 1 Firefighting

Skill Sheet 10-13

Criteria:	Pass	Fail
TRANSFER WATER BETWEEN PORTABLE WATER TANKS		
Places tarp on level ground		
Deploys secondary portable water tank adjacent to primary portable tank (ensures drain is on low side)		
Assembles siphon equipment or other means to transfer water from secondary portable tank to primary portable tank <ul style="list-style-type: none"> • Jet siphon • Manual siphon (capped end or hand covered end) • Portable pump • Connect portable tank drains together • U-tubes (U shape PVC pipe) 		
Places siphon equipment or other equipment in secondary portable water tank and secures discharge end of hose to primary portable water tank		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
Evaluator Notes		



Extending or Replacing Hose Sections

The ability to extend or replace sections of fire hose – 2013 Edition, NFPA 1001 Chapter 5.3.10*

Level 1 Firefighting

Skill Sheet 10-14

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate, wearing protective clothing and given a charged 38mm, 45mm, or 65mm (1 ½", 1 ¾", or 2 ½") hoseline with nozzle and the necessary equipment shall demonstrate extending or replacing a section or sections of fire hose.

Criteria:	Pass	Fail
EXTENDING SECTIONS OF HOSE		
Additional hose length and hose clamp are brought to nozzle end of hose		
Firefighter is positioned to side of hose clamp and it is safely operated and is fully locked – CRITICAL POINT		
Nozzle is removed and additional length of hose is attached with nozzle		
When ready for water, clamp is safely removed		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
REPLACING SECTIONS OF HOSE		
Additional hose lengths (two hose lengths should be brought) and hose clamp are brought to coupling of damaged hose		
Firefighter is positioned to side of hose clamp and it is safely operated and is fully locked – CRITICAL POINT		
Damaged hose is removed and the two lengths are added to this section		
When ready for water, clamp is safely removed		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
Evaluator Notes		



Knots and Hoisting

The ability to tie correct knots for hoisting equipment – 2013 Edition, NFPA 1001 Chapter 5.1.2

Level 1 Firefighting

Skill Sheet 15-1

Candidate's Name _____	Date _____
Evaluator's Name _____	Evaluator's Signature _____

The candidate, wearing protective equipment and given a fire service rope(s) shall tie an appropriate knot and hoist listed equipment a minimum of 4m (12'). The candidate shall use each of the following: overhand safety, bowline, half hitch, clove hitch, figure eight, and becket (sheet) bend.

Criteria:	Pass	Fail
KNOTS AND HOISTING		
Correctly ties 3 of the following knots: <ul style="list-style-type: none"> • bowline • half hitch • clove hitch • figure eight follow through • figure eight on a bight • becket (sheet) bend All knots shall be finished with an overhand safety knot.		
Ties a secure and appropriate knot for 3 of the following pieces of equipment: <ul style="list-style-type: none"> • pick head axe • exhaust fan • uncharged section of 38mm or 45mm (1 ½" or 1 ¾") • charged section of 38mm or 45mm (1 ½" or 1 ¾") • roof ladder • pike pole 		
Ties all knots and hitches with firefighting gloves and without difficulty		
Hoists tools and equipment without complications – CRITICAL POINT		
Firefighter must have at least 75% pass mark for each skill and perform all critical points (3/4 required)	Score: __/4	
Evaluator Notes		

BASIC FIRE FIGHTING SCENARIOS (Optional)

STAGE 1 SAMPLE SKILLS SCENARIO

Fire Fighter #1

3-2 Communications-
Telephone
3-1 Communications - Radio
5-1 Responding on
Apparatus
6-1 Donning PPE
7-1 Donning SCBA
8-1 Fire Extinguisher
15-1 Knots and Hoisting

7-5 Changing Air Cylinder
7-2 Inspecting SCBA

Fire Fighter #2

3-1 Communications - Radio
5-1 Responding on Apparatus
6-1 Donning PPE
7-1 Donning SCBA
8-1 Fire Extinguisher
15-1 Knots and Hoisting

7-5 Changing Air Cylinder
7-2 Inspecting SCBA

Return to Hall

Scenario:

FF#1 will receive an emergency call of smoke showing at _____ (location).
FF#1 and #2 are asked to respond to the location and report to the IC for further instructions.

FF #1 and #2 will don gear and report to site where they will be instructed to don SCBA,

_____ Extinguish a small “trash fire” with a portable fire Extinguisher

OR

_____ Support roof operations by setting up a staging tarp with the requested equipment to be used (i.e. // axe, chainsaw...). With a utility rope, prepare tools to be hoisted to roof with the appropriate knots and tag lines.

Return to Fire Hall

FF#1 and #2 will change the air cylinders and perform a SCBA inspection, in order to return the equipment back into service.

Note: Additional Fire Fighters will be required for this scenario.

STAGE 2 SAMPLE SKILLS SCENARIO

Fire Fighter #1

3-2 Communications-Telephone
3-1 Communications - Radio
5-1 Responding on Apparatus
6-1 Donning PPE
7-1 Donning SCBA
10-1 “ use appropriate skills”
to
10-14 “ use appropriate skills”

Return to
Hall

7-5 Changing Air Cylinder
7-2 Inspecting SCBA

Fire Fighter #2

3-1 Communications - Radio
5-1 Responding on Apparatus
6-1 Donning PPE
7-1 Donning SCBA
10-1 “ use appropriate skills”
to
10-14 “ use appropriate skills”

7-5 Changing Air Cylinder
7-2 Inspecting SCBA

Scenario:

FF#1 will receive an emergency call of smoke showing at _____ (location).
FF#1 and #2 are asked to respond to the location and report to the IC for further instructions.

FF #1 and #2 will don gear and report to site where they will be instructed to don SCBA and assist fire attack crews,

- _____ Establish a water supply (hydrant or draft) for main attack pumper
- _____ Advance an uncharged pre-connected hoseline up a stairwell to the second floor. Charge hoseline and test nozzle patterns before entry to fire floor.

OR

- _____ Extend and replace a “burst” section of hose.

Return to Fire Hall

FF#1 and #2 will change the air cylinders and perform a SCBA inspection, in order to return the equipment back into service. Firefighters will also clean and inspect, roll hose, couple and un-couple hose, and then reload hose beds of apparatus. (as per 10-7, 10-8 or 10-9).

Note: try to incorporate several of the “hose skills” into the scenario.

Note: Additional Fire Fighters, Pumper and Pumper operator will be required for this scenario.

ATTESTATION FORM



"Training to Save Lives"

BASIC FIRE FIGHTING SKILLS COURSE ATTESTATION

1601 Van Horne Avenue East
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Toll Free: 1-888-253-1488
mescocr@gov.mb.ca
www.firemedic.ca

The signatures below attest that _____ of the _____ Fire Department has performed to the level specified, all manipulative skills contained in the current NFPA Standards in the following course:

Basic Fire Fighter Skills

This attestation is based upon practical skills, a review of the student's past training records, and evaluation of the student's actual work experience or a combination thereof, all of which are part of the student's permanent training record which is maintained by this department. In addition, the following items need to be submitted and/or verified:

1. Incident Command 100
2. Copy of Basic Fire Fighting Skills Log (this will identify the AHJ skills completed)

Instructor's Printed Name

Instructor's Signature

AND

Fire Chief's Printed Name

Fire Chief's Signature

AND

Student's Printed Name

Student's Signature

Verified this _____ day of _____, _____
(day) (month) (year)

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