

MARINE FIRE FIGHTER

PRACTICAL SKILLS MATERIALS

*Based on NFPA 1005, Standard for Professional
Qualifications for Marine Fire Fighting for Land-Based Fire
Fighters, 2019 Edition, 2019 Edition.*



ALABAMA FIRE COLLEGE

April 2020

ALABAMA FIRE COLLEGE

AND PERSONNEL STANDARDS & EDUCATION COMMISSION



Marine Fire Fighter

Reference source: NFPA 1005, *Standard for Professional Qualifications for Marine Fire Fighting for Land-Based Fire Fighting*, 2019 Edition

Full Name: _____ **Fire Department:** _____

This Instructional JPR Verification Sheet is to be used in conjunction with the Alabama Fire College Marine Firefighter Skill Sheets. These skills meet all the requirements of NFPA 1005, *Standard for Professional Qualifications for Marine Fire Fighting for Land-Based Fire Fighting*, 2019 Edition. Each of these skills should be taught and assessed during the course. This form must be submitted by the Instructor for Certification.

Practical Examination for Certification: Skills testing will be conducted using a minimum of 25% of the JPRs listed below. The scenario and skills will be randomly drawn by the Certification Staff and administered by an approved evaluator after all training hours have been completed. For successful completion of the practical examination, a minimum 70% competency (including critical points) is required for certification.

Skill Sheet	Primary Task	JPR(s) Covered
MFF-01	Board Marine Vessel/Retrieve Fire Control Plan	4.1.3, 4.1.4, 4.2.1, 4.3.3, 4.4.2, 4.4.3, 4.5.2
MFF-02	Identify Onboard Fire Suppression Systems	4.2.2, 4.3.1
MFF-03	Protect an Exposure on a Vessel	4.3.2
MFF-04	Collect & Report Vessel Stability	4.3.4
MFF-05	Communications	4.1.1, 4.1.2, 4.4.1, 4.4.2, 4.4.4
MFF-06	Control Access to a Marine Vessel	4.4.5
MFF-07	Evacuate a Marine Vessel	4.4.6
MFF-08	Ventilate a Marine Vessel	4.5.1; 4.5.3
MFF-09	Attack a Fire on a Marine Vessel	4.5.4; 4.5.5
MFF-10	Search and Rescue on a Marine Vessel	4.5.5
MFF-11	Deploy Extinguishing Agents	4.1.1, 4.1.2, 4.5.6
Course Location:		Course Dates:
Instructor Printed Name:		Instructor Signature:
Candidate Printed Name:		Candidate Signature:

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Marine Fire Fighter	Skill Sheet MFF – 01
Board a Marine Vessel/Retrieve Fire Control Plan	
Reference source: NFPA 1005, <i>Standard for Professional Qualifications for Marine Fire Fighting for Land-Based Fire Fighters</i> , 2019 Edition, 4.1.3, 4.1.4, 4.2.1, 4.3.3, 4.4.2, 4.4.3, 4.5.2	
Condition: The Candidate, given a marine vessel, gangway, PPE, tools and suppression equipment will board a marine vessel so that all personnel are transferred to the vessel safely and the fire control plan is found.	
Scenario: Provided by Proctor/Evaluator	
Expected time to complete skill(s): 60 minutes	

Performance Steps	Test		Retest	
	P	F	P	F
Safely performs the following steps:				
1. Dons appropriate PPE				
2. Checks for vessel movement				
3. Checks gangway draft				
4. Carries tools and suppression equipment in a safe manner				
5. Uses proper climbing technique for gangways - CRITICAL POINT				
6. Boards the marine vessel safely				
7. Negotiates the following through the vessel: <ul style="list-style-type: none"> • Ladders, Decks, Corridors, Doors, Hatches 				
8. Recognizes and retrieves the fire control plan - CRITICAL POINT				
Candidate must successfully perform 6/8 steps including ALL CRITICAL POINTS	Score: ___/8		Score: ___/8	

Evaluator Notes

Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score	
		Pass ___	Fail ___
By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)			
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score	
		Pass ___	Fail ___
By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)			
Candidate Print Name & Signature:	Candidate: Print Name or Candidate #		

Note to Evaluator(s): By your signature above, you verify that you are qualified to serve as an Alabama Fire College Evaluator, have followed AFC Skills Testing Policy and have witnessed that the above candidate has tested the above skills in their entirety.

Note to Student: Skill will end when you state or indicate to the evaluator that you have completed all the identified steps. Notify the evaluator at **ANY** time that you have a safety concern.

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Marine Fire Fighter	Skill Sheet MFF – 02
Identify Onboard Fire Suppression Systems	
Reference source: NFPA 1005, <i>Standard for Professional Qualifications for Marine Fire Fighting for Land-Based Fire Fighters</i> , 2019 Edition, 4.2.2, 4.3.1	
Condition: The Candidate, given an assignment, standard operating procedures and communications equipment shall identify onboard vessel fixed fire suppression systems so that the system can be activated or shut down when requested by the Incident Commander.	
Scenario: Provided by Proctor/Evaluator	
Expected time to complete skill(s): 60 minutes	

Performance Steps	Test		Retest	
	P	F	P	F
Safely performs the following steps:				
1. Recognizes and understands fire suppression system controls				
2. Operates communication systems in the fire suppression system control room				
3. Operates the fire suppression system at the appropriate time - CRITICAL POINT				
4. Takes precautions after suppression systems have been activated				
5. Recognizes the International Shore Connection				
Candidate must successfully perform 4/5 steps including ALL CRITICAL POINTS	Score: __/5		Score: __/5	

Evaluator Notes			
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		Pass___	Fail___
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Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score	
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Marine Fire Fighter	Skill Sheet MFF – 03
Protect an Exposure on a Vessel	
Reference source: NFPA 1005, <i>Standard for Professional Qualifications for Marine Fire Fighting for Land-Based Fire Fighters</i> , 2019 Edition, 4.3.2	
Condition: The Candidate, given an assignment, an exposure, water supply, PPE, fire hose, nozzles and equipment will protect an exposure on a vessel.	
Scenario: Provided by Proctor/Evaluator	
Expected time to complete skill(s): 60 minutes	

Performance Steps	Test		Retest	
	P	F	P	F
Safely performs the following steps:				
1. Participates as part of a fire control team				
2. Operates handlines				
3. Operates master streams				
4. Protects exposure from fire – CRITICAL POINT				
Candidate must successfully perform 3/4 steps including ALL CRITICAL POINTS	Score: __/4		Score: __/4	

Evaluator Notes

Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score	
		Pass___	Fail___
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Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score	
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Marine Fire Fighter	Skill Sheet MFF – 04
Collect & Report Vessel Stability	
Reference source: NFPA 1005, <i>Standard for Professional Qualifications for Marine Fire Fighting for Land-Based Fire Fighters</i> , 2019 Edition, 4.3.4	
<p>Condition: The Candidate, given a vessel, an incident, an assignment, measuring devices and standard operating procedures will collect and report vessel stability information so that any potential hazards are recognized and reported.</p> <p>Scenario: Provided by Proctor/Evaluator</p> <p>Expected time to complete skill(s): 60 minutes</p>	

Performance Steps	Test		Retest	
	P	F	P	F
Safely performs the following steps:				
1. Visualizes the position of the vessel				
2. Uses internal measuring devices				
3. Uses external measuring devices				
4. Notes vessel draft marking systems				
5. Recognizes potential hazards - CRITICAL POINT				
6. Reports information				
Candidate must successfully perform 5/6 steps including ALL CRITICAL POINTS	Score: __/6		Score: __/6	

Evaluator Notes

Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score	
		Pass___	Fail___
By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)			
Re-Test Evaluator Print Name & Signature:	Overall Skill Sheet Re-Test Score		
		Pass___	Fail___
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Marine Fire Fighter	Skill Sheet MFF – 05
Communications	
Reference source: NFPA 1005, <i>Standard for Professional Qualifications for Marine Fire Fighting for Land-Based Fire Fighters</i> , 2019 Edition, 4.1.1, 4.1.2, 4.4.1, 4.4.2, 4.4.4	
Condition: The Candidate, given communications equipment, will transmit and receive messages so that the information is accurate, complete, clear and relayed within a reasonable time.	
Scenario: Provided by Proctor/Evaluator	
Expected time to complete skill(s): 10 minutes	

Performance Steps	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Operates marine vessel communications equipment				
2. Uses proper marine frequencies				
3. Uses correct terminology and procedures				
4. Information relayed is accurate - CRITICAL POINT				
Candidate must successfully perform 3/4 steps including ALL CRITICAL POINTS	Score: __/4		Score: __/4	

<p style="text-align: center;">Evaluator Notes</p>			
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Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score	
		Pass___	Fail___
By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)			
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score	
		Pass___	Fail___
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Marine Fire Fighter	Skill Sheet MFF – 06
Control Access to a Marine Vessel	
Reference source: NFPA 1005, <i>Standard for Professional Qualifications for Marine Fire Fighting for Land-Based Fire Fighters</i> , 2019 Edition, 4.4.5	
Condition: The Candidate, given a vessel, an incident, an accountability system and response personnel, will control access to a marine vessel so that all emergency responders boarding the vessel are accounted for.	
Scenario: Provided by Proctor/Evaluator	
Expected time to complete skill(s): 60 minutes	

Performance Steps	Test		Retest	
	P	F	P	F
Safely performs the following steps:				
1. Uses accountability worksheet				
2. Accounts for all emergency responders that board the vessel- CRITICAL POINT				
3. Identify additional resources to assist in maintaining accountability				
4. Prepares written documentation				
Candidate must successfully perform 3/4 steps including ALL CRITICAL POINTS	Score: __/4		Score: __/4	

Evaluator Notes

Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score	
		Pass___	Fail___
By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)			
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score	
		Pass___	Fail___
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Marine Fire Fighter	Skill Sheet MFF – 07
Evacuate a Marine Vessel	
Reference source: NFPA 1005, <i>Standard for Professional Qualifications for Marine Fire Fighting for Land-Based Fire Fighters</i> , 2019 Edition, 4.4.6	
Condition: The Candidate, given an occupied vessel, an accountability system and an incident, will evacuate a marine vessel so that all personnel are removed from the hazard area to an area of refuge.	
Scenario: Provided by Proctor/Evaluator	
Expected time to complete skill(s): 30 minutes	

Performance Steps	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Determines the need for evacuation				
2. Locate a marine facility or vessel representative				
3. Controls and directs passengers and crew movement				
4. Accounts that all personnel have been removed from hazardous area – CRITICAL POINT				
5. Uses accountability system				
Candidate must successfully perform 4/5 steps including ALL CRITICAL POINTS	Score: ___/5		Score: ___/5	
Evaluator Notes				
Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score		
		Pass___	Fail___	
By my signature above, I verify that I am currently certified to the level I am testing (AL/PB/IFSAC)				
Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score		
		Pass___	Fail___	
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Marine Fire Fighter	Skill Sheet MFF – 08
Ventilate a Marine Vessel	
Reference source: NFPA 1005, <i>Standard for Professional Qualifications for Marine Fire Fighting for Land-Based Fire Fighters</i> , 2019 Edition, 4.5.1; 4.5.2, 4.5.3	
Condition: The Candidate, given a vessel, an incident, PPE and ventilation equipment will ventilate smoke from a vessel so that a specified ventilation opening is created and the smoke is removed.	
Scenario: Provided by Proctor/Evaluator	
Expected time to complete skill(s): 60 minutes	

Performance Steps	Test		Retest	
	P	F	P	F
Safely performs the following steps:				
1. Uses thermal imager in high-heat and vision obscured areas				
2. Opens doors and hatches in a manner to prevent fire extension or backdraft				
3. Transports and deploys ventilation equipment				
4. Secures ventilation opening				
5. Removes ventilation barriers				
6. Operates ventilation equipment				
7. Operates dewatering equipment as necessary to remove water				
Candidate must successfully perform 5/7 steps including ALL CRITICAL POINTS	Score: __/7		Score: __/7	

Evaluator Notes

Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score	
		Pass___	Fail___
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Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score	
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Marine Fire Fighter	Skill Sheet MFF – 09
Attack a Fire on a Marine Vessel	
Reference source: NFPA 1005, <i>Standard for Professional Qualifications for Marine Fire Fighting for Land-Based Fire Fighters</i> , 2019 Edition, 4.5.4, 4.5.5	
Condition: The Candidate, given a marine vessel, an assignment, attack line and PPE, will attack a fire on a marine vessel so that vessel integrity is maintained, attack line is deployed, access is gained to the fire compartment, effective water practices are used and the fire is extinguished.	
Scenario: Provided by Proctor/Evaluator	
Expected time to complete skill(s): 60 minutes	

Performance Steps	Test		Retest	
	P	F	P	F
Safely performs the following steps:				
1. Uses appropriate PPE				
2. Establishes connections for water supply (static or pressurized)				
3. Ensures personnel have appropriate hose, adapters and international shore connection				
4. Advances uncharged and charged hose lines for fire attack: <ul style="list-style-type: none"> • Up and down vessel ladders / stairs • Through corridors • Across decks 				
5. Operates fire streams				
6. Extinguishes fire – CRITICAL POINT				
Candidate must successfully perform 5/6 steps including ALL CRITICAL POINTS	Score: ___/6		Score: ___/6	

Evaluator Notes

Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score	
		Pass___	Fail___
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Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score	
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Marine Fire Fighter	Skill Sheet MFF – 10
Search & Rescue on a Marine Vessel	
Reference source: NFPA 1005, <i>Standard for Professional Qualifications for Marine Fire Fighting for Land-Based Fire Fighters</i> , 2019 Edition, .5.5	
Condition: The Candidate, given a vessel, an incident, PPE, fire control plan or map and forcible entry tools, will conduct a search and rescue operation for a missing person on a vessel so that the person is located and removed.	
Scenario: Provided by Proctor/Evaluator	
Expected time to complete skill(s): 60 minutes	

Performance Steps	Test		Retest	
	P	F	P	F
Safely performs the following steps:				
1. Uses SCBA and appropriate PPE				
2. Searches vessel for missing person				
3. Accesses remote or enclosed compartments				
4. Uses forcible entry tools as necessary				
5. Finds missing person				
6. Removes victim - CRITICAL POINT				
Candidate must successfully perform 5/6 steps including ALL CRITICAL POINTS	Score: ___/6		Score: ___/6	

Evaluator Notes

Evaluator Print Name & Signature:	Date	Overall Skill Sheet Score	
		Pass___	Fail___
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Marine Fire Fighter	Skill Sheet MFF – 11
Deploy Extinguishing Agents	
Reference source: NFPA 1005, <i>Standard for Professional Qualifications for Marine Fire Fighting for Land-Based Fire Fighters</i> , 2019 Edition, 4.1.1, 4.1.2, 4.5.6	
Condition: The Candidate, given a vessel, an incident, PPE, extinguishing agents and application equipment, will assist in deploying extinguishing agents, other than water, so that the agent is applied effectively.	
Scenario: Provided by Proctor/Evaluator	
Expected time to complete skill(s): 60 minutes	

Performance Steps	Test		Retest	
	P	F	P	F
Safely performs the following steps:				
1. Uses appropriate PPE – CRITICAL POINT				
2. Reads cargo manifests and extinguishing agent technical information				
3. Locates and describes the operation of the vessels fixed fire protection system				
4. Selects appropriate agent and application equipment				
5. Deploys and operates extinguishing equipment and agent				
Candidate must successfully perform 4/5 steps including all CRITICAL POINTS	Score: __/5		Score: __/5	

Evaluator Notes

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		Pass___	Fail___
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Re-Test Evaluator Print Name & Signature:		Overall Skill Sheet Re-Test Score	
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