

RESCUE TECHNICIAN: VEHICLE EXTRICATION I & RESCUE TECHNICIAN: MACHINERY EXTRICATION I

SKILL SHEET PACKAGE

Based on *NFPA 1006: Standard for Technical Rescue Professional Qualifications*, 2013 Edition.



ALABAMA FIRE COLLEGE

JULY 2015
REVISED 02/10/2017

ALABAMA FIRE COLLEGE

RT: Vehicle Extrication I

Instructional JPR Verification Sheet

Full Name: _____ Fire Department: _____

This Instructional JPR Verification Sheet is to be used in conjunction with the Alabama Fire College RT: Vehicle Extrication I Skill Sheets. These skills meet all the requirements of NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 2013 edition. Each of these skills should be taught and assessed during the course. This form should be submitted by the Instructor for Certification.

Skill Sheet	Primary Task	JPR(s) Covered
RT: Vehicle Extrication Level I		
I-01	Plan for Vehicle Incident	10.1.1
I-02	Establish Scene Safety Zones	10.1.2
I-03	Establish Fire Protection	10.1.3
I-04	Stabilize a Common Passenger Vehicle	10.1.4
I-05	Isolate Potentially Harmful Energy Sources	10.1.5
I-06	Determine Access & Egress Points	10.1.6
I-07	Create Access & Egress Points	10.1.7
I-08	Disentangle Victim(s)	10.1.8
I-09	Remove a Packaged Victim	10.1.9
I-10	Terminate a Level I Incident	10.1.10
Course Location:		Course Dates:
Instructor Printed Name:		Instructor Signature:
Candidate Printed Name:		Candidate Signature:



Plan for Vehicle Incident

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 10.1.1, 2013 Edition

AFC & PSC

Rescue Technician – Vehicle I

Skill Sheet RT: VI-01

Given agency guidelines, planning forms, an operations-level vehicle incident or simulation, the candidate shall plan for a vehicle incident, and conduct an initial and ongoing size-up.

Expected time to complete skill(s) is 25 minutes

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Uses and applies operational protocols				
2. Selects the appropriate planning form based on the type of vehicle				
3. Identifies several common types of vehicles				
4. Evaluates and verbalizes stabilization and other needs specific to different types of vehicles				
5. Documents requests for resources and support for future use				
6. Identifies anatomy of the vehicle				
7. Determines the required fire suppression and safety measures – CRITICAL POINT				
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 ___
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 Testing Policies 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.				



AFC & PSC

Rescue Technician – Vehicle I

Establish Scene Safety Zones

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 10.1.2, 2013 Edition

Skill Sheet RT:VI-02

Given scene security barriers, incident location, incident information, and personal protective equipment, the candidate shall establish “scene” safety zones.

Expected time to complete skill(s) is 25 minutes

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Designates action hot, warm and cold safety zones				
2. Ensures zone perimeters are consistent with incident requirements				
3. Establishes traffic control patterns to protect the incident scene				
4. Positions traffic control devices around emergency scene				
5. Communicates zone boundaries to incident command				
6. Only allows authorized personnel access to the rescue scene- CRITICAL POINT				
7. Selects and uses appropriate PPE				
8. Identifies and mitigates existing and potential hazards				
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 Testing Policies 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.				



AFC & PSC

Rescue Technician – Vehicle I

Establish Fire Protection

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 10.1.3, 2013 Edition

Skill Sheet RT:VI-03

Given an extrication incident and fire control support, the candidate shall establish fire protection.

Expected time to complete skill(s) is 25 minutes

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Identifies and manages fire ignition and explosion potential				
2. Communicates fire hazards and rescue objectives to the fire support team				
3. Operates within the Incident Management System				
4. Uses proper fire control strategies and tactics				
5. Uses proactive solutions to manage ignition potential (disconnect battery, stop fuel leaks) - CRITICAL POINT				
6. Uses appropriate extinguishment device (extinguisher or hoseline)				
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 ___	
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 #		
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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.				



AFC & PSC

Stabilize a Common Passenger Vehicle

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 10.1.4, 2013 Edition

Rescue Technician – Vehicle I

Skill Sheet RT:VI-04

Given a vehicle tool kit and personal protective equipment, the candidate shall stabilize a common passenger vehicle.

Expected time to complete skill(s) is 25 minutes

Criteria/Performance Steps:	Test		Retest	
	P	F	P	F
Safely performs the following steps:				
1. The vehicle is prevented from moving during the rescue operation- CRITICAL POINT				
2. Entry, exit, and tool placement points are not compromised				
3. Rescue activities will not compromise stability				
4. Stabilization points are structurally sound- CRITICAL POINT				
5. Stabilization equipment is capable of being monitored				
6. Stabilization method is chosen (box cribbing, step cribbing, tensioned buttress)				
7. Stabilization devices are correctly applied and operated				
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 ___
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 Testing Policies 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.				



AFC & PSC

Isolate Potentially Harmful Energy Sources

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 10.1.5, 2013 Edition

Rescue Technician – Vehicle I

Skill Sheet RT:VI-05

Given a vehicle tool kit and personal protective equipment, the candidate shall isolate potentially harmful energy sources.

Expected time to complete skill(s) is 25 minutes

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Hazards to rescue personnel and victims are identified and minimized				
2. Vehicle systems are evaluated and managed				
3. Beneficial systems are operated in support of tactical objectives				
4. Task and incident specific personal protective equipment is selected and used				
5. Tools and devices are operated to secure and disable hazards- CRITICAL POINT				
Candidate must successfully perform 4/5 steps including ALL CRITICAL POINTS	Score: __/5		Score: __/5	
<p>Evaluator Notes</p>				
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 #		
<p>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 Testing Policies and have witnessed that the above candidate has tested the above skills in their entirety.</p>				
<p>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.</p>				



AFC & PSC

Determine Access and Egress Points

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 10.1.6, 2013 Edition

Rescue Technician – Vehicle I

Skill Sheet RT:VI-06

Given the structural and damage characteristics and potential victim location(s), the candidate shall determine the common passenger vehicle access and egress points.

Expected time to complete skill(s) is 25 minutes

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Victim location(s) is/are identified				
2. Impact of vehicle stability on the victim is assessed and evaluated- CRITICAL POINT				
3. Entry and exit points for victims, rescuers, and equipment are designated				
4. Flow of personnel, victim, and equipment is identified				
5. Existing entry points are used				
6. Time constraints are factored				
7. Selected entry and egress points do not compromise vehicle stability- CRITICAL POINT				
8. Chosen points can be protected				
9. Equipment and victim stabilization are initiated				
10. Safety and emergency procedures are enforced				
Candidate must successfully perform 7/10 steps including ALL CRITICAL POINTS	Score: __/10		Score: __/10	

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:	Date	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 #
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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 Testing Policies 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 monitor that you have completed all the identified steps. Notify the evaluator at **ANY** time that you have a safety concern.



Create Access and Egress Points

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 10.1.7, 2013 Edition

Rescue Technician – Vehicle I

Skill Sheet RT:VI-07

Given a vehicle tool kit, specialized tools and equipment, personal protective equipment, and an assignment, the candidate shall create access and egress openings for rescue from a common passenger vehicle.

Expected time to complete skill(s) is 25 minutes

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Movement of rescuers and equipment complements victim care and removal				
2. An emergency escape route is provided				
3. The technique chosen is expedient				
4. Victim and rescuer protection is afforded- CRITICAL POINT				
5. Vehicle stability is maintained				
6. Common passenger vehicle construction features are identified				
7. Tools and equipment are selected and operated properly- CRITICAL POINT				
8. Tactics and strategy are applied based on assignment				
9. Victim care and stabilization devices are applied				
10. Hazards are controlled based on techniques selected				
11. Safety procedures and emergency evacuation signals are demonstrated				
Candidate must successfully perform 8/11 steps including CRITICAL POINTS	Score: __/11		Score: __/11	
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:		Date	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 Testing Policies 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.



AFC & PSC

Rescue Technician – Vehicle I

Disentangle Victim(s)

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 10.1.8, 2013 Edition

Skill Sheet RT:VI-08

Given an operations level extrication incident, a vehicle tool kit, personal protective equipment, and specialized equipment, the candidate shall disentangle victim(s).

Expected time to complete skill(s) is 25 minutes

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Undue victim injury is prevented				
2. Victim protection is provided- CRITICAL POINT				
3. Stabilization is maintained- CRITICAL POINT				
4. Disentanglement tools are operated properly- CRITICAL POINT				
5. Protective measures are initiated				
6. Points of entrapment are identified and eliminated				
7. Incident stability and scene safety are maintained				
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 ___
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 #		

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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.



AFC & PSC

Remove a Packaged Victim

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 10.1.9, 2013 Edition

Rescue Technician – Vehicle I

Skill Sheet RT:VI-09

Given a victim transfer device, designated egress route, and personal protective equipment, the candidate shall remove a packaged victim to a designated safe area as a member of a team.

Expected time to complete skill(s) is 25 minutes

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. The team effort is coordinated				
2. The designated egress route is used				
3. The victim is removed without compromising victim packaging- CRITICAL POINT				
4. Undue injury is prevented and stabilization is maintained- CRITICAL POINT				
5. The proper immobilization, packaging, and transfer devices are selected and used				
5a. Spinal Immobilization				
5b. Extremity immobilization				
6. Proper lifting techniques are used				
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__		
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 Testing Policies 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.				



AFC & PSC

Rescue Technician – Vehicle I

Terminate a Level I Incident

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 10.1.10, 2013 Edition

Skill Sheet RT:VI-10

Given personal protective equipment specific to the incident, isolation barriers, and an extrication tool kit the candidate shall terminate a Level I vehicle incident.

Expected time to complete skill(s) is 25 minutes

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Rescuers and bystanders are protected during the termination operations				
2. The party responsible for the operation, maintenance, or removal of the affected vehicle is notified of any modification or damage created during the extrication process				
3. Scene control is transferred to a responsible party				
4. Potential or existing hazards are communicated to that responsible party				
5. Command is terminated				
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 ___
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 Testing Policies 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.				

Certification Criteria

RT: Machinery Rescue I



Pre-Requisites

- Certified RT: Rope Rescue I (IFSAC or Pro Board)

Certification Requirements

To be issued certification as a RT: Machinery Rescue I, the candidate will:

- Show the successful completion of the above pre-requisite requirements. This must be documented on file at the Alabama Fire College, Testing Division.
- Complete required training hours
- Submit Instructional JPR Verification Sheet
- Grade assessment will be calculated by –**
 - **Written Examination:** Perform to a minimum 70% competency on the examination, calculated at 50% of the final score for the course. (One retest is allowed after 30 days but within one year of course end date.)
 - **Practical Examination:** Successfully complete a skills/project evaluation to a minimum of 70% competency and successful completion of all critical points. Evaluators will test at least 25% of the skills for each level of skill sheets. Skill sheets will be randomly selected by the AFC Testing Division for this practical examination. The Practical Examination Portion is calculated at 50% of the final score. (One retest is allowed after 30 days but within one year of course end date.)

Example:

Written examination -	70/100 possible points	
	$70 \times 50\% =$	35 points awarded for written exam portion
Practical/project -	40/100 possible points	
	$40 \times 50\% =$	20 points awarded for practical portion
Total Points =		55 points (student awarded F, score not 70%>)

Basis: Alabama Fire College & Personnel Standards Commission, Administrative Code, Chapter 360-X-19-.06: Requirements for Certified RT: Vehicle and Machinery Rescue

ALABAMA FIRE COLLEGE

RT: Machinery I

Instructional JPR Verification Sheet

Full Name: _____ Fire Department: _____

This Instructional JPR Verification Sheet is to be used in conjunction with the Alabama Fire College RT: Machinery I Skill Sheets. These skills meet all the requirements of NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 2013 edition. Each of these skills should be taught and assessed during the course. This form should be submitted by the Instructor for Certification.

Skill Sheet	Primary Task	JPR(s) Covered
RT: Vehicle Level I		
MI-01	Plan for Machinery Incident	19.1.1
MI-02	Establish Scene Safety Zones	19.1.2
MI-03	Establish Fire Protection	19.1.3
MI-04	Stabilize a Small or Simple Machine	19.1.4
MI-05	Isolate Potentially Harmful Energy Sources	19.1.5
MI-06	Determine Access & Egress Points	19.1.6
MI-07	Create Access & Egress Points	19.1.7
MI-08	Disentangle Victim(s)	19.1.8
MI-09	Remove a Packaged Victim	19.1.9
MI-10	Terminate a Level I Incident	19.1.10
Course Location:		Course Dates:
Instructor Printed Name:		Instructor Signature:
Candidate Printed Name:		Candidate Signature:



Plan for Machinery Incident

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 19.1.1, 2013 Edition

Rescue Technician – Machinery I

Skill Sheet RT: MI-01

Given agency guidelines, planning forms, an operations-level machinery incident or simulation, the candidate shall plan for a machinery incident, and conduct an initial and ongoing size-up.

Expected time to complete skill(s) is 25 minutes

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Uses and applies operational protocols				
2. Selects the appropriate planning form based on the type of machinery				
3. Identifies several common types of machinery				
4. Evaluates and verbalizes stabilization and other needs specific to different types of machines				
5. Request for resources and support are documented for future use				
6. Identifies anatomy of the machine				
7. Determines the required fire suppression and safety measures – CRITICAL POINT				
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 ___	
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 #			
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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.				



Establish Scene Safety Zones

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 19.1.2, 2013 Edition

Rescue Technician – Machinery I

Skill Sheet RT:MI-02

Given scene security barriers, incident location, incident information, and personal protective equipment, the candidate shall establish “scene” safety zones.

Expected time to complete skill(s) is 25 minutes

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Designates action hot, warm and cold safety zones				
2. Ensures zone perimeters are consistent with incident requirements				
3. Communicates zone boundaries to incident command				
4. Only allows authorized personnel access to the rescue scene- CRITICAL POINT				
5. Appropriate PPE is selected and used				
6. Identifies and mitigates existing and potential hazards				
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:	Date	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 #			
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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.				



Establish Fire Protection

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 19.1.3, 2013 Edition

Rescue Technician – Machinery I

Skill Sheet RT:MI-03

Given an extrication incident and fire control support, the candidate shall establish fire protection.

Expected time to complete skill(s) is 25 minutes

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Fire ignition and explosion potential are identified and managed				
2. Fire hazards and rescue objectives are communicated to the fire support team				
3. Operates within the Incident Management System				
4. Proper fire control strategies and tactics are used				
5. Uses proactive solutions to manage ignition potential (disconnect battery, stop fuel leaks) - CRITICAL POINT				
6. Selects appropriate extinguishment device (extinguisher or hoseline)				
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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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.				



Stabilize a Small or Simple Machine

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 19.1.4, 2013 Edition

Rescue Technician – Machinery I

Skill Sheet RT:MI-04

Given a machinery tool kit and personal protective equipment, the candidate shall stabilize a small or simple machine.

Expected time to complete skill(s) is 25 minutes

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. The machine is prevented from moving during the rescue operation- CRITICAL POINT				
2. Entry, exit, and tool placement points are not compromised				
3. Rescue activities will not compromise stability				
4. Stabilization points are structurally sound- CRITICAL POINT				
5. Stabilization equipment is capable of being monitored				
6. Stabilization method is chosen (box cribbing, step cribbing, tensioned buttress)				
7. Stabilization devices are correctly applied and operated				
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 ___
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 Testing Policies 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.				



Isolate Potentially Harmful Energy Sources

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 19.1.5, 2013 Edition

Rescue Technician – Machinery I

Skill Sheet RT:MI-05

Given a machinery tool kit and personal protective equipment, the candidate shall isolate potentially harmful energy sources.

Expected time to complete skill(s) is 25 minutes

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Hazards to rescue personnel and victims are identified and minimized				
2. Beneficial systems are operated in support of tactical objectives				
3. Task and incident specific personal protective equipment is selected and used				
4. Tools and devices are operated to secure and disable hazards- 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 ___	
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 #			
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Determine Access & Egress Points

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 19.1.6, 2013 Edition

Rescue Technician – Machinery I

Skill Sheet RT:MI-06

Given the structural and damage characteristics and potential victim location(s), the candidate shall determine the small machinery access and egress points.

Expected time to complete skill(s) is 25 minutes

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Victim location(s) is/are identified				
2. Impact of machine stability on the victim is assessed and evaluated- CRITICAL POINT				
3. Entry and exit points for victims, rescuers, and equipment are designated				
4. Flow of personnel, victim, and equipment is identified				
5. Existing entry points are used				
6. Time constraints are factored				
7. Selected entry and egress points do not compromise machine stability- CRITICAL POINT				
8. Chosen points can be protected				
9. Equipment and victim stabilization are initiated				
10. Safety and emergency procedures are enforced				
Candidate must successfully perform 7/10 steps including ALL CRITICAL POINTS	Score: __/10		Score: __/10	

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



Create Access & Egress Points

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 19.1.7, 2013 Edition

Rescue Technician – Machinery I

Skill Sheet RT:MI-07

Given a machinery tool kit, specialized tools and equipment, personal protective equipment, and an assignment, the candidate shall create access and egress openings for rescue from a small or simple machine.

Expected time to complete skill(s) is 25 minutes

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Movement of rescuers and equipment complements victim care and removal				
2. An emergency escape route is provided				
3. The technique chosen is expedient				
4. Victim and rescuer protection is afforded- CRITICAL POINT				
5. Machine stability is maintained				
6. Common small machinery construction features are identified				
7. Tools and equipment are selected and operated properly- CRITICAL POINT				
8. Tactics and strategy are applied based on assignment				
9. Victim care and stabilization devices are applied				
10. Hazards are controlled based on techniques selected				
11. Safety procedures and emergency evacuation signals are demonstrated				
Candidate must successfully perform 8/11 steps including CRITICAL POINTS	Score: __/11		Score: __/11	

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 #		

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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.



Disentangle Victim(s)

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 19.1.8, 2013 Edition

Rescue Technician – Machinery I

Skill Sheet RT:MI-08

Given an operations level extrication incident, a machinery tool kit, personal protective equipment, and specialized equipment, the candidate shall disentangle victim(s).

Expected time to complete skill(s) is 25 minutes

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Undue victim injury is prevented				
2. Victim protection is provided- CRITICAL POINT				
3. Stabilization is maintained- CRITICAL POINT				
4. Disentanglement tools are operated properly- CRITICAL POINT				
5. Protective measures are initiated				
6. Points of entrapment are identified and eliminated				
7. Incident stability and scene safety are maintained				
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 ___
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 Testing Policies 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.



Remove a Packaged Victim

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 19.1.9, 2013 Edition

Rescue Technician – Machinery I

Skill Sheet RT:MI-09

Given a victim transfer device, designated egress route, and personal protective equipment, the candidate shall remove a packaged victim to a designated safe area as a member of a team.

Expected time to complete skill(s) is 25 minutes

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. The team effort is coordinated				
2. The designated egress route is used				
3. The victim is removed without compromising victim packaging- CRITICAL POINT				
4. Undue injury is prevented and stabilization is maintained- CRITICAL POINT				
5. The proper immobilization, packaging, and transfer devices are selected and used				
5a. Spinal Immobilization				
5b. Extremity immobilization				
6. Proper lifting techniques are used				
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__	
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 #			
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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.				



Terminate a Level I Incident

Reference source: NFPA 1006, *Standard for Technical Rescuer Professional Qualifications*, 19.1.10, 2013 Edition

Rescue Technician – Machinery I

Skill Sheet RT:MI-10

Given personal protective equipment specific to the incident, isolation barriers, and an extrication tool kit the candidate shall terminate a Level I machinery incident.

Expected time to complete skill(s) is 25 minutes

Criteria/Performance Steps:	Test		Retest	
Safely performs the following steps:	P	F	P	F
1. Rescuers and bystanders are protected during the termination operations				
2. The party responsible for the operation, maintenance, or removal of the affected machine is notified of any modification or damage created during the extrication process				
3. Scene control is transferred to a responsible party				
4. Potential or existing hazards are communicated to that responsible party				
5. Command is terminated				
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 ___	
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 #			
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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.				