NFPA 1550: 2024 Edition, Chapter 5 Incident Safety Officer

Below please find what has been previously approved by the Committee on Accreditation (COA) for this level of certification. This example does not take into consideration "Document Review", "Portfolio", or "Other testing methods."

If your agency selects completing their online Assessment Methodology Matrix (AMM) utilizing these test methods, our Technical Analysts may place your application under a COA meeting consent agenda bypassing the usual COA review.

The spaces identified below with an "X" must be replaced with the appropriate cognitive test item numbers (e.g. Questions 1,4,6,7,9, etc.) or the score sheet numbers under Product, Psychomotor/Process methods as score sheet numbers (e.g.- SS 101, 202, and 304, etc.).

	Knowledge-Based Assessments		Performance-Based Assessments			
	(graded after submission)		(graded in real-time as they are performed)			
	Cognitive	Product	Psychomotor	Process		
Section	(e.g. Multiple Choice, Short Answer, Discretionary Time with Resources)	(e.g., document or develop a budget, proposal, lesson plan)	(Primarily an observable physical task. e.g., don, doff)	(Primarily a mental or verbalized task. e.g., inspect)		
5.1						
The fire department incident safety officer (ISO) shall meet the requirements of Fire Officer Level I specified in NFPA 1021.						
(FOR THIS	SECTON ONLY, PLE	EASE WRITE "ACKNO	WLDGE" IN THE "OTHEF	R" COLUMN)		
5.1						
5.2.1	5.2.1					
Perform the role of ISO within an incident command system (ICS) at an incident or planned event, given an incident or planned event, an ICS structure, a command post, a briefing from an incident commander (IC) or outgoing ISO, SOP related to health and safety, an incident action plan (IAP), applicable protective clothing and protective equipment, and communications and information recording equipment, so that the assignment is received and understood; situational information about the incident or planned event is received; incident priorities, goals, and objectives are transferred; action is taken to mitigate any immediate life safety threats; and applicable communication means are employed.						
5.2.1				X		
(A) Requisite	(A) Requisite Knowledge.					
Crew resour the hierarch managemer	Crew resource management, understanding of accepted safety and health principles, including issues such as he hierarchy of controls, specific technical or regulatory areas pertinent to the response, and the accepted nanagement principles needed to promote safety in the response environment.					
5.2.1 (A)	X					

(B) Requisite	(B) Requisite Skills.			
Prioritizing tasks, making decisions in an environment with a large number of unknowns, evaluating resource needs, recognizing the need for supplemental technical knowledge, and taking action in a proactive manner to ensure responder safety and health. [1026:5.2.1(B)]				
5.2.1 (B)			X	
522*			<u> </u>	
0.2.2				
Monitor the	IAP, conditions, activ	rities, and operations, g	given an incident or planned event, an IAP, and risk	
managemer	nt assessment criteria	a, so that activities and	operations that involve an unacceptable level of risk can	
be altered, to	erminated, or susper	ided to protect membe	ers nealth and safety.	
5.2.2			X	
(A) Requisite	e Knowledge.			
Comprehens incident mar constitutes u	sive knowledge of ind nagement system (IN inacceptable level of	cident hazards, applica IS), recognized safety risk; and fire departme	able legislation, regulations, codes, and standards, the practices, risk management criteria, including what ent operations, training materials, and SOP/Gs.	
5.2.2 (A)	X			
(B) Requisite	e Skills.			
Ability to app training mate appropriate	oly knowledge of fire erials, and applicable actions to minimize h	behavior and fire dyna safety practices in a r nealth and safety risks.	amics, building construction, department SOP/Gs, isk management assessment to determine the most	
5.2.2 (B)			X	
5.2.3				
Manage the ISO, an IAP documentati for the subse maintained, incident or p	transfer of ISO dutie , an incident safety p ion, and communicat equent operational p changes in incident lanned event, and th	s, given an incident or lan, a current situation ions equipment, so tha eriod are completed, c or planned event comp e new ISO is identified	planned event, an established command structure and status, incident resources, a command post, incident at incident information is exchanged, reports and plans ontinuity of authority and situational awareness are plexity are accounted for, the new ISO is briefed on the d.	
5.2.3		Х	X	
(A) Requisite	e Knowledge.			
(, , , , , , , , , , , , , , , , , , ,				
AHJ's procedures for transfer of duty; information sources; resource accountability and tracking process; use of IMS forms; the role and duties of an ISO within an IMS; organizational policies and procedures for safety; accountability protocols; resource types and deployment methods; documentation methods and requirements; availability, capabilities, and limitations of responders and other resources; communication problems and needs; communications requirements; operational periods for ISO functions; and types of tasks and assignment responsibilities.				
5.2.3 (A)	X			
(B) Requisite	e Skills.			
Conducting a transfer briefing meeting; acquiring and documenting information and orders from the IC; using reference materials; evaluating incident information; managing communications; completing required ICS and health and safety forms; recognizing the need to expand and/or transfer the safety function in the ICS structure; reviewing, understanding, and conducting a transfer of duty briefing, including the completion of the transfer documents; and communicating in a manner such that information is transferred and objectives are met. [1026:5.2.2(B)]				
5.2.3 (B)		X	X	
5.2.4				

Stop, alter, o planned eve criteria, and action is tak	or suspend operation nt that contains threa applicable SOP/Gs, en to protect firefight	is based on imminent t ats to firefighter safety, so that the hazard is ic er safety, and this info	hreats posed to firefighter safety, given an incident or an incident management structure, risk management dentified, notice to suspend operations is communicated, rmation is communicated to the IC.
5.2.4			X
(A) Requisite	e Knowledge.		
Knowledge safety, IMS, smoke, build	of what constitutes ir radio protocols and ling construction, an	nminent hazards at an transmission procedure d departmental SOP/G	incident or planned event that could impact firefighter es, fire behavior/dynamics, hazardous energy, reading is and training materials.
5.2.4 (A)	X		
(B) Requisite	e Skills.	•	
Ability to eva imminent thi	aluate hazards; deter eat to firefighter safe	mine the relative degre ety; use of department	ee of risk to members and whether they pose an radios and communication abilities.
5.2.4 (B)			X
5.2.5			
Monitor and report to the	determine the incide IC on the status of h	ent scene conditions, gi nazards and risks to me	ven an incident or planned event, so that the ISO can embers.
5.2.5			X
(A) Requisit	e Knowledge.		
Knowledge procedures,	of what constitutes h incident hazards, ar	azards at an emergend id departmental SOP/C	cy incident, the IMS, radio protocols and transmission Ss.
5.2.5 (A)	X		
(B) Requisite	e Skills.		
Ability to eva	aluate hazards, deter e this information to	mine the relative degree the IC.	ee of risk to members, prioritize the risks, and
5.2.5 (B)			X
5.2.6		11	
Monitor the			
radios, and a designed, al to the IC.	accountability system applicable SOP/Gs, s I relevant positions a	n, given an incident or so that it can be detern ind functions are imple	planned event, an IMS, personal identification devices, nined that the accountability system is being utilized as mented, and any noted deficiencies are communicated
radios, and a designed, al to the IC. 5.2.6	accountability system applicable SOP/Gs, s I relevant positions a	n, given an incident or so that it can be detern ind functions are imple	planned event, an IMS, personal identification devices, nined that the accountability system is being utilized as mented, and any noted deficiencies are communicated X
radios, and a designed, al to the IC. 5.2.6 (A) Requisite	accountability system applicable SOP/Gs, s I relevant positions a e Knowledge.	n, given an incident or so that it can be detern ind functions are imple	planned event, an IMS, personal identification devices, nined that the accountability system is being utilized as mented, and any noted deficiencies are communicated X
radios, and a designed, al to the IC. 5.2.6 (A) Requisite Knowledge o protocols an	accountability system applicable SOP/Gs, s I relevant positions a e Knowledge. of incident managem d transmission proce	n, given an incident or so that it can be detern ind functions are imple ent system, departmer edures, and departmen	planned event, an IMS, personal identification devices, nined that the accountability system is being utilized as mented, and any noted deficiencies are communicated X nt accountability system positions and protocols, radio tal SOP/Gs.
radios, and a designed, al to the IC. 5.2.6 (A) Requisite Knowledge o protocols an 5.2.6 (A)	accountability system applicable SOP/Gs, s I relevant positions a e Knowledge. of incident managem d transmission proce	n, given an incident or so that it can be detern and functions are imple ent system, departmen edures, and departmen	planned event, an IMS, personal identification devices, nined that the accountability system is being utilized as mented, and any noted deficiencies are communicated X nt accountability system positions and protocols, radio tal SOP/Gs.
radios, and a designed, al to the IC. 5.2.6 (A) Requisite Knowledge o protocols an 5.2.6 (A) (B) Requisite	accountability system applicable SOP/Gs, s I relevant positions a e Knowledge. of incident managem d transmission proce X e Skills.	n, given an incident or so that it can be detern and functions are imple ent system, departmer edures, and departmen	planned event, an IMS, personal identification devices, nined that the accountability system is being utilized as mented, and any noted deficiencies are communicated X nt accountability system positions and protocols, radio ntal SOP/Gs.
radios, and a designed, al to the IC. 5.2.6 (A) Requisite Knowledge protocols an 5.2.6 (A) (B) Requisite Ability to rec	accountability system applicable SOP/Gs, s I relevant positions a e Knowledge. of incident managem d transmission proce X e Skills. ognize inadequacies	n, given an incident or so that it can be detern and functions are imple nent system, departmen edures, and departmen	planned event, an IMS, personal identification devices, nined that the accountability system is being utilized as mented, and any noted deficiencies are communicated X nt accountability system positions and protocols, radio ital SOP/Gs.
radios, and a designed, al to the IC. 5.2.6 (A) Requisite Knowledge o protocols an 5.2.6 (A) (B) Requisite Ability to rec 5.2.6 (B)	accountability system applicable SOP/Gs, s I relevant positions a e Knowledge. of incident managem d transmission proce X e Skills. ognize inadequacies	n, given an incident or so that it can be detern and functions are imple ent system, departmen edures, and departmen	planned event, an IMS, personal identification devices, nined that the accountability system is being utilized as mented, and any noted deficiencies are communicated X nt accountability system positions and protocols, radio atal SOP/Gs. untability system. X

Determine hazardous incident conditions and advise the IC to establish or modify control zones, given an incident, so that the incident control zones are communicated to members and entry into the hazardous area is controlled. 5.2.7 X (A) Requisite Knowledge. Comprehensive knowledge of hazardous conditions, operations, departmental SOP/Gs and training materials, control zones protocols, and the IMS. X 5.2.7 (A) (B) Requisite Skills. Ability to evaluate the effect of proximity for incident hazards so that risk to members will be limited to emergency responders assigned tasks to mitigate the incident. Х 5.2.7 (B) 5.2.8 Identify motor vehicle incident scene hazards, given an apparatus and temporary traffic control devices, an incident or planned event, so that actions to mitigate the hazards as described in Section 10.7 of this standard are taken to protect member safety. Х 5.2.8 (A) Requisite Knowledge. Knowledge of hazards associated with vehicle incidents and apparatus placement, the IMS, departmental SOP/Gs and training materials, state/provincial and local traffic regulations, risk management principles and criteria, and applicable safety principles and practices. 5.2.8 (A) Х (B) Requisite Skills. Ability to apply knowledge of hazards and regulations to an incident within a risk management framework to protect member safety. Х 5.2.8 (B) 5.2.9 Monitor radio transmissions, given an incident or planned event with radio transmissions, so that communication barriers are identified and the possibility for missed, unclear, or incomplete communications is corrected. X 5.2.9 (A) Requisite Knowledge. Knowledge of radio protocols and transmission procedures, the IMS, emergency incident hazards, and departmental SOP/Gs. 5.2.9 (A) Х (B) Requisite Skills. Ability to recognize missed, unclear, or incomplete communications. Х 5.2.9 (B) 5.2.10* Identify the incident strategic requirements (e.g., fire, technical search and rescue, hazmat), the corresponding hazards, the size, complexity, and anticipated duration of the incident, including the associated risks, given an incident or planned event, an IMS, and applicable SOP/Gs, so that the ISO can determine the need for assistant

ISOs and/or technical specialists and make the recommendations to the IC.

5.2.10		X
(A) Requisite	e Knowledge.	
Comprehens IMS; recogn risk; and fire	sive knowledge of ind ized safety practices department operatio	cident hazards; applicable legislation, regulations, codes, and standards; the ; risk management criteria, including what constitutes unacceptable level of ons, training materials, and SOP/Gs.
5.2.10 (A)	X	
(B) Requisite	e Skills.	
Ability to rec applicable s	ognize the types of h afety practices.	nazards that might require additional ISOs or technical specialists, and
5.2.10 (B)		X
5.2.11	•	
Determine th an incident of informed of	ne hazards associate or planned event that special requirements	ed with the designation of a landing zone and interface with helicopters, given requires the use of a helicopter and landing zone, so that the IC can be and the landing can be executed in a safe manner.
5.2.11		X
(A) Requisite	e Knowledge.	
Helicopter a issues asso	nd landing zone requ ciated with landing zo	uirements; hazards associated with helicopters and landing zones; safety ones; and the IMS.
5.2.11 (A)	X	
(B) Requisite	e Skills.	
Ability to rec	ognize landing zone	locations and hazards
5.2.11 (B)		X
5.2.12*		
Notify the IC given an inc members' p	of the need for inter ident or planned eve sychological health a	vention resulting from an occupational exposure to atypical stressful events, nt and an awareness of incidents that can cause incident stress, so that nd safety can be protected.
5.2.12		X
(A) Requisite	e Knowledge.	
Knowledge occupationa and other re	of incidents that can I exposure to atypica sources to provide a	lead to occupational exposure to atypical stress, the signs and symptoms of Il stress, the difference between debriefing and defusing, and support teams ssistance.
5.2.12 (A)	X	
(B) Requisite	e Skills.	
Ability to rec empathetic o	ognize signs and syr demeanor; and good	nptoms of occupational exposure to atypical stress; an accepting and communication skills.
5.2.12 (B)		X
5.2.13*		
Determine h event, an ac reconnaissa to IC staff ar	azardous energy sou tive IAP with assigne nce, so that risks to p nd ancillary agencies	urces that can affect responder health and safety, given an incident or planned ed responders, and an opportunity to perform environmental and operational personnel are identified, reduced, or eliminated; hazard information is relayed responsible for the hazardous energy source; appropriate zones are

established zone.	and marked; and pe	rsonnel operating at the	e scene are briefed on the hazardous energy control
5.2.13			X
(A) Requisite	e Knowledge.		
Common co water, and p components	mponent assemblies pressure vessels; haz and arrangements;	ofor hazardous energy zardous properties of co and control zone marki	sources, including but not limited to gas, electrical, ommon utility gases; common electrical distribution grid ng schemes as defined by Section 10.7 of this standard.
5.2.13 (A)	X		
(B) Requisite	e Skills.	1	
Critical ident basis; comm safety briefin action; exerc that require	tification, analysis, an nunicating hazard inf ngs; determining bou cising authority to sus IAP changes.	nd judgment abilities; p ormation to personnel v ndaries and markings t spend imminent dange	rioritizing to address hazards on a most critical–first via the incident safety plan, IAP, face-to-face, radio, and for control zones; formulating recommendations for IC r operations; and anticipating evolving site conditions
5.2.13 (B)			X
5.2.14			
Monitor con planned eve to ensure fir	ditions, including wea ent, so that the need a efighter health and s	ather, firefighter activitio for rehabilitation can be afety.	es, and work cycle durations, given an incident or e determined, communicated to the IC, and implemented
5.2.14			X
(A) Requisite	e Knowledge.		
Comprehens SOP/Gs and cardiac stres	sive knowledge of he I training materials; a ss, and heat and colo	eat and cold assessmen available resources that d stress.	nt criteria, rehabilitation strategies, including NFPA 1584, t can be used for rehabilitation, signs and symptoms of
5.2.14 (A)	X		
(B) Requisite	e Skills.		
Ability to rec as designed	ognize signs of card	iac, heat, and cold stre	ss; set up a rehab area and ensure that members use it
5.2.14 (B)			X
5.2.15	•		
Identify incident environmental conditions and contaminates, given an incident or planned event, so that identified hazards can be communicated to the IC and division and/or group supervisors, and the need for contamination control procedures for PPE, personnel hygiene, and utilized equipment can be determined and implemented, prior to incident departure, to help prevent continued exposure and cross contamination from known and potential contaminants.			
5.2.15			X
(A) Requisite	e Knowledge.		
Common byproducts of combustion and pyrolysis including toxic chemicals, biological pathogens, particulate matter, and aromatics; NFPA 1851; AHJ SOP/Gs for on-scene PPE contamination control and cancer prevention; methods and levels of equipment cleaning as prescribed by equipment manufacturers.			
5.2.15 (A)	X		
(B) Requisite	e Skills.		
Ability to eva	aluate fire, smoke, ar nicate contamination	nd environmental condi judgements to the IC a	tions, determine member exposures to those conditions, and tactical work members; recognize issues of

equipment c and demobil where neces	ontamination with re ization; judge contan ssary, and communic	gards to use, transport nination reduction effor ate those measures to	ation, separation, and storage during incident operations ts and develop further exposure-prevention measures, members.
5.2.15 (B)			X
5.3.1* Determine ir	icident environmenta	and operational facto	ors and confirm the establishment of rapid intervention
crew (RIC) a one or more operations, a	ind evaluate the nee immediately danger a pre-assigned RIC,	d to increase RIC capa ous to life and health (I and an IAP, so that a r	ability, given an incident or planned event that includes DLH) elements, responders engaged in tactical ecommendation is offered to the IC.
5.3.1			X
(A) Requisite	e Knowledge.		
RIC criteria f for RIC esta	for Chapters 6 throug blishment and use.	h 21 of this standard,	NFPA 1710, NFPA 1720, AHJ SOP/Gs, and directives
5.3.1 (A)	X		
(B) Requisite Interpret app incidents; au command ac	e Skills. Nicable regulations, q Idit conditions to ens ction.	guidelines, procedures ure policies are being t	, and consensus standards for implementation at followed; and formulate recommendations for incident
5.3.1 (B)			X
5.3.2*			
Communica established and concern	te fire behavior, build RICs, given an incide s of the ISO.	ling access/egress issu ent or planned event, s	ues, collapse, and hazardous energy issues to o that RIC team leaders are aware of the observations
5.3.2			X
(A) Requisite	e Knowledge.		
Structural/co hazardous e	ompartmentalized fire nergy properties and	e behavior, building cor I components.	nstruction features and associated hazards, and
5.3.2 (A)	X		
(B) Requisite	e Skills.		
Ability to inte methods.	erpret fire suppressio	n hazards and operatio	ons and communicate through face-to-face and radio
5.3.2 (B)			X
5.3.3*			
Identify and incident, rec identified co offered to the and appropr	estimate building/str onnaissance opportu lapse hazard can be e IC for the establish iate adjustments are	uctural collapse hazard inity, and established A communicated to the ment of control zone(s made to the IAP by the	ds, given a building fire incident, a building collapse AHJ pre-incident building plan information, so that the IC and tactical-level management units; judgment is); personnel are removed from collapse zone dangers; e IC to improve member safety.
5.3.3		X	X
(A) Requisite	e Knowledge.		
Building con spread; fire o or suspendir	struction classificatic effects on building m ng incident or planne	ons and associated haz aterials, loads, and for d event operations; pro	zards; structural fire collapse indicators; building fire ces; structural conditions that warrant stopping, altering, pcedures for managing unsafe acts or operations and

collapse zor	for notifying commar ne distances; and AH	nd of stopped, altered, IJ pre-incident target b	or suspended operations; methods for determining uilding hazards.
5.3.3 (A)	X		
(B) Requisite	e Skills.		
Critical iden incidents; in plan, IAP, fa formulating operations; a	tification, analysis, ar terpreting collapse ha ice-to-face, radio, an recommendations for and anticipating evol	nd judgment abilities; a azards; communicating d safety briefings; dete r incident command ac ving site conditions tha	pplying AHJ building fire preplan systems at actual hazard information to personnel via the incident safety rmining boundaries and markings for control zones; tion; exercising authority to suspend imminent danger t require IAP changes.
5.3.3 (B)		X	X
5.3.4*	1	1	
Determine fl and commu to strategy a	ashover and hostile nicated to the incider and tactics to improve	fire event potential at b nt commander and tact e safety.	uilding fires, given an incident, so that risks are identified ical-level management units, and adjustments are made
5.3.4			X
(A) Requisit	e Knowledge.		
Compartment fire-load (fue	ntalized fire behavior el) characteristics, eff	theory, flashover and fects of firefighting effo	other hostile fire incident indicators, ventilation flow path, rts on fire behavior.
5.3.4 (A)	X		
(B) Requisite	e Skills.		
Critical ident	tification, analysis, ar ing fire behavior con	nd judgment abilities; r cerns through face-to-	eading smoke (volume, velocity, density, and color); and face and radio methods.
5.3.4 (B)			X
5.3.4 (B) 5.3.5* Determine fi communicat improve me	re growth and blow u red to the IC and tact mber safety.	up, given wildland and ical-level management	X cultivated vegetation fires, so that information can be components, and adjustments made to the IAP to
5.3.4 (B) 5.3.5* Determine fi communicat improve me 5.3.5	re growth and blow u ed to the IC and tact mber safety.	up, given wildland and ical-level management	X cultivated vegetation fires, so that information can be components, and adjustments made to the IAP to X
5.3.4 (B) 5.3.5* Determine fi communicat improve me 5.3.5 (A) Requisit	re growth and blow u ed to the IC and tact mber safety. e Knowledge.	up, given wildland and ical-level management	X cultivated vegetation fires, so that information can be components, and adjustments made to the IAP to X
5.3.4 (B) 5.3.5* Determine fi communicat improve me 5.3.5 (A) Requisit	re growth and blow u red to the IC and tact mber safety. e Knowledge.	up, given wildland and ical-level management	X cultivated vegetation fires, so that information can be components, and adjustments made to the IAP to X
5.3.4 (B) 5.3.5* Determine fi communicat improve mer 5.3.5 (A) Requisit Wildland and	re growth and blow u ed to the IC and tact mber safety. e Knowledge. d vegetation fire beha	up, given wildland and ical-level management avior and wildland fire	X cultivated vegetation fires, so that information can be components, and adjustments made to the IAP to X phenomena such as blow ups and flaring.
5.3.4 (B) 5.3.5* Determine fi communicat improve mer 5.3.5 (A) Requisit Wildland and 5.3.5 (A) (B) Requisit	re growth and blow u red to the IC and tact mber safety. e Knowledge. d vegetation fire beha X	up, given wildland and ical-level management avior and wildland fire	X cultivated vegetation fires, so that information can be components, and adjustments made to the IAP to X phenomena such as blow ups and flaring.
 5.3.4 (B) 5.3.5* Determine ficommunicatimprove metaimprove meta	re growth and blow u red to the IC and tact mber safety. e Knowledge. d vegetation fire beh X e Skills. tification, analysis, ar ildland and vegetation ds.	up, given wildland and ical-level management avior and wildland fire nd judgment abilities; ir on fires; and communic	X cultivated vegetation fires, so that information can be components, and adjustments made to the IAP to X phenomena such as blow ups and flaring. hterpreting fuel, topography, flame length, and weather ating fire behavior concerns through face-to-face and
5.3.4 (B) 5.3.5* Determine fi communicat improve mer 5.3.5 (A) Requisite Wildland and 5.3.5 (A) (B) Requisite Critical ident effects on w radio metho 5.3.5 (B)	re growth and blow used to the IC and tact mber safety. e Knowledge. d vegetation fire beha X e Skills. tification, analysis, ar ildland and vegetation ds.	up, given wildland and ical-level management avior and wildland fire nd judgment abilities; ir on fires; and communic	X cultivated vegetation fires, so that information can be components, and adjustments made to the IAP to X phenomena such as blow ups and flaring. hterpreting fuel, topography, flame length, and weather ating fire behavior concerns through face-to-face and X
 5.3.4 (B) 5.3.5* Determine ficommunicatimprove menors 5.3.5 (A) Requisite Wildland and 5.3.5 (A) (B) Requisite Critical identification of the second sec	re growth and blow u red to the IC and tact mber safety. e Knowledge. d vegetation fire beha X e Skills. tification, analysis, an ildland and vegetation ds.	up, given wildland and ical-level management avior and wildland fire nd judgment abilities; in on fires; and communic	X cultivated vegetation fires, so that information can be components, and adjustments made to the IAP to X phenomena such as blow ups and flaring. hterpreting fuel, topography, flame length, and weather ating fire behavior concerns through face-to-face and X
 5.3.4 (B) 5.3.5* Determine ficommunicati improve mentions 5.3.5 (A) Requisite Wildland and 5.3.5 (A) (B) Requisite Critical identification of the second s	re growth and blow used to the IC and tact mber safety. e Knowledge. d vegetation fire beha X e Skills. tification, analysis, ar ildland and vegetation ds. he suitability of buildi o that entry and egree at components.	up, given wildland and ical-level management avior and wildland fire nd judgment abilities; ir on fires; and communic	X cultivated vegetation fires, so that information can be components, and adjustments made to the IAP to X phenomena such as blow ups and flaring. hterpreting fuel, topography, flame length, and weather ating fire behavior concerns through face-to-face and X ptions at building fires, given various building fire ad through communication with the IC and tactical-level
 5.3.4 (B) 5.3.5* Determine ficommunicatimprove menors 5.3.5 (A) Requisite Wildland and 5.3.5 (A) (B) Requisite Critical idem effects on wradio metho 5.3.5 (B) 5.3.6 Determine the incidents, so managemenors 5.3.6 	re growth and blow u ed to the IC and tact mber safety. e Knowledge. d vegetation fire beha X e Skills. tification, analysis, ar ildland and vegetation ds. he suitability of buildi o that entry and egres at components.	up, given wildland and ical-level management avior and wildland fire nd judgment abilities; ir on fires; and communic ng entry and egress of ss options are optimize	X cultivated vegetation fires, so that information can be components, and adjustments made to the IAP to X phenomena such as blow ups and flaring. hterpreting fuel, topography, flame length, and weather ating fire behavior concerns through face-to-face and X btions at building fires, given various building fire ad through communication with the IC and tactical-level X

Building construction access and egress challenges; AHJ building pre-fire systems; firefighting equipment capabilities, and AHJ firefighting resource capabilities.			
5.3.6 (A)	X		
(B) Requisit	e Skills.		
Critical iden face-to-face	tification, analysis an and radio methods.	d judgment abilities; ai	nd communicating access and egress concerns through
5.3.6 (B)			X
5.4.1*	1	1	
Determine the and rescue is so that the left	he need for a search incident; CFR 1910.1 C can appoint an ass	and rescue technician 46; NFPA 1006; and <i>F</i> sistant ISO or a search	–trained ISO or assistant ISO, given a technical search AHJ SOP/Gs for technical search and rescue operations, and rescue technician.
5.4.1			X
(A) Requisit	e Knowledge.	1	
Technical se rescue oper	earch and rescue inc ations.	ident types as defined	in NFPA 1006 and AHJ SOP/Gs for technical search and
5.4.1 (A)	X		
(B) Requisit	e Skills.		
Identifying te	echnical search and	rescue incident resour	ce needs and forecasting stabilization strategies.
5.4.1 (B)			X
5.4.2	•	•	
Prepare a safety plan that identifies corrective or preventive actions, given a technical search and rescue incident, an IAP that includes situation and resource status information, an incident safety analysis form (ICS form 215A or its equivalent), weather condition information, special technical data (such as safety data sheets and topographical information, blueprints, and building drawings), and predetermined incident information, so that safety data are obtained, an incident safety plan is developed with coordinating documentation, elements of the plan are incorporated in the IAP, changes in incident safety conditions are noted and reported, judgment is offered to the IC for the establishment of control zone(s) and exclusion zone(s), safety and appropriate PPE elements are met, and assistant ISOs are appointed as necessary.			
5.4.2		X	Χ
(A) Requisit	e Knowledge.		
Risk manag and counter 29 CFR 191	ement principles; tec measure strategies; 0.146; and AHJ SOF	hnical search and reso NIMS IAP and plannin P/Gs for hazardous ma	cue operations strategies and tactics; hazard mitigation g processes; NIMS documentation system; NFPA 1951; terials operations.
5.4.2 (A)	X		
(B) Requisit	e Skills.	J	
Critical identification, analysis, and judgment abilities; communicating safety issues within the command structure; and reading/editing technical documentation.			
5.4.2 (B)		Χ	Χ
5.4.3*		l	
Deliver a safety briefing for technical search and rescue incident response members, given a technical search and rescue incident, so that critical information such as expected hazards, PPE requirements, established zones, emergency procedures, air monitoring, medical surveillance, and chain-of-command elements are communicated.			

5.4.3		X	X		
(A) Requisite	e Knowledge.				
OSHA 29 CF criteria; gene SOP/Gs.	FR 1910.146 require eral technical search	ments for a site safety and rescue operations	and health plan; NIMS forms and ICS processing safety strategies; and AHJ technical search and rescue		
5.4.3 (A)	X				
(B) Requisite	B) Requisite Skills.				
Ability to con	nmunicate critical me	essages in written and	oral formats.		
5.4.3 (B)		Х	X		
5.5.1*					
Determine th materials inc the IC can a	ne need for a hazard sident, 29 CFR 1910. ppoint an assistant I	ous materials technicia 120, NFPA 470, and A SO or a hazardous ma	an-trained ISO or assistant ISO, given a hazardous AHJ SOP/Gs for hazardous materials operations, so that terials technician.		
5.5.1			Χ		
(A) Requisite	e Knowledge.				
Hazardous n operations.	naterials incident typ	es as defined in NFPA	470, and AHJ SOP/Gs for hazardous materials		
5.5.1 (A)	Х				
(B) Requisite	e Skills.				
Identifying h	azardous materials i	ncident resource need	ed; forecasting stabilization strategies.		
5.5.1 (B)			X		
5.5.2					
Prepare a safety plan that identifies corrective or preventive actions, given a hazmat incident, IAP that includes situation and resource status information, an incident safety analysis form (ICS form 215A or its equivalent), weather condition information, special technical data (such as safety data sheets and topographical information, blueprints, and building drawings), and predetermined incident information, so that safety data are obtained, an incident safety plan is developed with coordinating documentation, elements of the plan are incorporated in the IAP, changes in incident safety conditions are noted and reported, judgment is offered to the IC for the establishment of control zone(s) and exclusion zone(s), safety and PPE elements of 29 CFR 1910.120 are met, and assistant ISOs are appointed as necessary.					
5.5.2		Х	Χ		
(A) Requisite Knowledge. Risk management principles; hazardous materials operations strategies and tactics; hazard mitigation and countermeasure strategies; NIMS IAP and planning processes; NIMS documentation system; and AHJ SOPs/Gs for hazardous materials operations.					
5.5.2 (A)	X				
(B) Requisite	e Skills.				
Critical ident structure; an	Critical identification, analysis, and judgment abilities; communicating safety issues within the command structure; and reading/editing technical documentation				
5.5.2 (B)		Χ	X		
5.5.3*					

Deliver a saf scenario, so decontamina command ele	ety briefing for haza that critical informati tion procedures, em ements are commun	rdous materials incider ion such as expected h lergency procedures, a licated.	nt response members, given a hazmat incident or nazards, PPE requirements, established zones, air monitoring, medical surveillance, and chain-of-
5.5.3			Χ
(A) Requisite	e Knowledge.		
OSHA 29 CF criteria; gene	R 1910.120 require eral hazmat operation	ments for a site safety ns safety strategies; ar	and health plan; NIMS forms and ICS processing nd AHJ hazmat SOPs/Gs.
5.5.3 (A)	X		
(B) Requisite	e Skills.		
Ability to con	nmunicate critical me	essages in written and	oral formats.
5.5.3 (B)		Χ	X
5.5.4*			
Identify that I on the scene zones, which corridors.	hazardous materials e, given a hazardous n must be inclusive o	incident control zones materials incident and f no-entry zones, hot z	have been established and communicated to personnel I SOP/Gs, so that responders can identify marked control cones, hazard reduction zones, support zones, and
5.5.4			X
(A) Requisite	e Knowledge.		
Common zor for zone com	ning strategies for ha munication; NFPA 4	azardous materials ope 170; and other applicat	erations, methods of marking zones, and AHJ SOP/Gs ole NFPA documents.
5.5.4 (A)	X		
Ability to ada variants.	pt zoning strategies	to individual incident c	challenges such as topography, weather, and resource
5.5.4 (B)			X
5.6.1*			
Conduct a sa documents a elements are gathered info the AHJ polio	afety and health inve and techniques, so the collected, potential prmation is document cies and SOP/Gs.	estigative process, give nat the chain of eviden witnesses are identifie ited and prepared for th	en an incident or planned event, using applicable ce is started and maintained, critical incident data ed, applicable SOP/Gs are identified for review, and he HSO or investigative continuance as established by
5.6.1		X	X
(A) Requisite	e Knowledge.		
Procedures f and safety in the technical	for conducting, docu vestigative policies i knowledge pertinen	menting, recording, an used by the AHJ; proce it to the incident under	d reporting a safety investigation, SOP/Gs and health edures for preserving evidence and documentation; and investigation.
5.6.1 (A)	Х		
(B) Requisite	e Skills.		
Analyzing inf evidence; int personal stre damage; and	formation from difference eracting with or inter ess; completing safe d determining correc	ent data sources; ident rviewing personnel ass ty investigation docum tions to prevent similar	tifying equipment and materials that might be considered sociated with the incident, often under conditions of entation; identifying cause(s) of injury, death, or property losses in the future.

5.6.1 (B)		X	X	
5.7.1*				
Prepare a w planned eve the AHJ, and	ritten post-incident a nt, so that safety and d recommendations t	nalysis (PIA) from the d health issues, best sa for future events are do	ISO perspective, given a witnessed incident, exercise, or afety practices, deviations from SOP/Gs established by pocumented.	
5.7.1		X	X	
(A) Requisite	e Knowledge.			
Chapters 6 t	hrough 16 of this sta	ndard, PIA reporting c	riteria, and AHJ SOP/Gs for PIAs.	
5.7.1 (A)	Х			
(B) Requisite	e Skills.			
Transferring incident observations into field notes and documenting field notes into a formal PIA structure.				
5.7.1 (B)		X	X	
5.7.2*				
Report observations, concerns, and recommendations, given a witnessed incident or planned event and PIA group setting, so that that safety and health issues, best safety practices, deviations from SOP/Gs established by the AHJ, and recommendations for future events are communicated to the AHJ.				
5.7.2		Х	X	
(A) Requisite	e Knowledge.			
Group dynar	Group dynamics in problem solving.			
5.7.2 (A)	X			
(B) Requisite	e Skills.			
Active listen	Active listening skills: and composing and relaving constructive information in a group setting.			
5.7.2 (B)		X	X	