VIERA

TEST INSTRUMENT FORMAT

Operational Guideline #5976

References:	erences: PRO BOARD CRITERIA: PA1, TA1, TA6, TD3 EVALUATOR MANUAL, CANUTEC GUIDE	
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1.0 GENERAL INFORMATION

- 1.1. **PURPOSE:** To provide a written, formal policy to ensure candidates are informed of the various written exam question formats and practical skills evaluations formats.
- 1.2. **RESPONSIBILITY:** It is the responsibility of all proctors and evaluators to be familiar with this guideline to ensure that candidates are properly and consistently informed of the various formats of written exams and practical evaluations that can be presented to the candidate. It is the responsibility of the Academy to ensure that this policy is clearly presented to and understood by all proctors and/or evaluators to ensure that all candidates are provided with consistent and fair instructions for the evaluation process.

2.0 PROCEDURES

- 2.1. Written Exam Evaluations:
 - 2.1.1. The proctor will inform candidates that all written exam questions will come in one of three (3) forms:
 - 2.1.1.1. multiple choice
 - 2.1.1.2. true or false
 - 2.1.1.3. matching
 - 2.1.2. Attached Tables 1 and 3 describe exam question selection.
 - 2.1.3. All written exam questions will be graded as one mark for each question.
 - 2.1.4. Candidates may be required to use reference material during the written evaluation process, for example: the candidate may be required to seek information from the Canutec guide book to complete their evaluation.
 - 2.1.5. The Academy will inform the candidates of marks as pass or fail and final percentage.
- 2.2. Practical Skills Evaluations:
 - 2.2.1. The evaluator will inform all candidates that practical skills evaluations may be conducted in one of three forms:
 - 2.2.1.1. individual skills evaluations
 - 2.2.1.2. hands-on field scenario-based team evaluations
 - 2.2.1.3. table-top scenario evaluation
 - 2.2.1.4. All candidates will be informed of marks as successful or unsuccessful immediately following the practical skills evaluation.

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2.3. Product Assignments/Evaluations (please refer to Product Evaluations OG 5923)

2.3.1. The Academy has two programs where product assignments/evaluations apply:

- 2.3.1.1. NFPA 1021 Fire Officer Level I
- 2.3.1.2. NFPA 1021 Fire Officer Level II
- 2.3.2. Product assignments do not require supervision, however the candidates will be instructed that all product assignments are to be completed by the individual and shall be the candidate's own work.
- 2.3.3. Candidates will be given information on how to seek support from the Academy if assistance is required while completing product assignments.
- 2.4. Process Evaluations
 - 2.4.1. The Academy has one program where product assignments/evaluations apply:

2.4.1.1. NFPA 1021 Fire Officer Level I

- 2.5. The cut score is an established score used by the Academy to determine unqualified candidates on any particular test or assessment. In employment testing, cutoff scores can be established to filter out job candidates who did not score high enough on a particular certification assessment.
- 2.6. The Academy has established cut scores for cognitive, psychomotor, product and process evaluations:
 - 2.6.1. Cognitive exams 75%
 - 2.6.2. Psychomotor evaluations 100%
 - 2.6.3. Product evaluations 75%
 - 2.6.4. Process evaluations 75%
- 2.7. Attached Tables 2 and 4 describe the evaluations specifications for:
 - 2.7.1. Cognitive evaluations
 - 2.7.2. Psychomotor evaluations
 - 2.7.3. Product evaluations
 - 2.7.4. Process evaluations

April 26, 2021

Tim Doyle Academy Director

Vancouver Island Emergency Response Academy

Date



Table 1Written Evaluation Specifications (excluding NFPA 1001)

LEVEL	NUMBER OF QUESTIONS	FORCED JPRS	RANDOM SELECTION COVERAGE	CUT SCORE
NFPA 1072 Hazmat Awareness	45	none	100% of coverage requisite knowledge JPRs	75%
NFPA 1072 Hazmat Operations	60	none	100% coverage of requisite knowledge JPRs	75%
NFPA 1002 Ch. 4 Driver	45	none	100% coverage of requisite knowledge JPRs	75%
NFPA 1002 Ch. 5 Operator	45	none	100% coverage of requisite knowledge JPRs	75%
NFPA 1006 Technical Rescue General Requirements	45	none	100% coverage of requisite knowledge JPRs	75%
NFPA 1006 Rope Level 1	45	none	100% coverage of requisite knowledge JPRs	75%
NFPA 1006 Rope Level 2	45	none	100% coverage of requisite knowledge JPRs	75%
NFPA 1006 Confined Space Level 1	45	none	100% coverage of requisite knowledge JPRs	75%
NFPA 1006 Confined Space Level 2	45	none	100% coverage of requisite knowledge JPRs	75%
NFPA 1021 Fire Officer Level 1	75	none	100% coverage of requisite knowledge JPRs	75%
NFPA 1021 Fire Officer Level 2	75	none	100% coverage of requisite knowledge JPRs	75%
NFPA 1041 Fire Service Instructor Level 1	45	none	100% coverage of requisite knowledge JPRs	75%
NFPA 1041 Fire Service Instructor Level 2	45	none	100% coverage of requisite knowledge JPRs	75%
NFPA 1521 Incident Safety Officer	45	none	100% coverage of requisite knowledge JPRs	75%



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Table 2Practical Evaluation Specifications (excluding NFPA 1001)

LEVEL	% OF JPRS TESTED	FORCED JPRS	RANDOM SELECTION COVERAGE	CUT SCORE
NFPA 1072 Hazmat Awareness	N/A	N/A	N/A	N/A
NFPA 1072 Hazmat Operations	70% of requisite skills JPRs	none	Yes	100%
NFPA 1002 Ch. 4 Driver	70% of requisite skills JPRs	none	Yes	100%
NFPA 1006 Technical Rescue General Requirements	70% of requisite skills JPRs	none	Yes	100%
NFPA 1006 Rope Level 1	70% of requisite skills JPRs	none	Yes	100%
NFPA 1006 Rope Level 2	70% of requisite skills JPRs	none	Yes	100%
NFPA 1006 Confined Space Level 1	70% of requisite skills JPRs	none	Yes	100%
NFPA 1006 Confined Space Level 2	70% of requisite skills JPRs	none	Yes	100%
NFPA 1021 Fire Officer Level 1 Practical Evaluation	100% of requisite skills JPRs	4.2.1, 4.2.2, 4.2.3, 4.5.3	Yes	75%
NFPA 1021 Fire Officer Level 1 <i>Table Top Evaluation</i>	100% of requisite skills JPRs	4.6.2	No	75%
NFPA 1021 Fire Officer Level 1 <i>Products</i>	100% of requisite skills JPRs	4.2.4, 4.2.5, 4.2.6, 4.3.1, 4.3.2, 4.3.3, 4.4.1, 4.4.2, 4.4.3, 4.4.4, 4.4.5, 4.5.1, 4.5.1, 4.5.2, 4.6.1, 4.6.3, 4.7.1, 4.7.2, 4.7.3	Yes	75%
NFPA 1021 Fire Officer Level 2 Practical Evaluation	100% of requisite skills JPRs	5.2.1, 5.2.2, 5.5.1	Yes	75%
NFPA 1021 Fire Officer Level 2 <i>Table Top Evaluation</i>	100% coverage of requisite knowledge JPRs	5.6.1	No	75%
NFPA 1021 Fire Officer Level 2 <i>Products</i>	100% coverage of requisite knowledge JPRs	5.2.3, 5.3.1, 5.3.2, 5.4.1, 5.4.2, 5.4.3, 5.4.4, 5.4.5, 5.4.6, 5.6.1, 5.6.2, 5.6.3, 5.7.1	Yes	75%
NFPA 1041 Fire Service Instructor Level 1 <i>Practical Evaluation</i>	100% of requisite skills JPRs	4.2.2, 4.3.1, 4.3.2, 4.3.3, 4.4.1, 4.2.2, 4.4.3, 4.4.4, 4.4.5, 4.4.6, 4.4.7, 4.5.2, 4.5.3, 4.5.5	No	75%
NFPA 1041 Fire Service Instructor Level 2 <i>Practical Evaluation</i>	100% coverage of requisite knowledge JPRs	5.2.3, 5.2.4, 5.2.5, 5.2.6, 5.4.2, 5.4.3	No	100%
NFPA 1041 Fire Service Instructor Level 2	100% coverage of requisite knowledge JPRs	5.3.2, 5.3.3 5.5.2, 5.5.3	No	100%
NFPA 1521 Incident Safety Officer	70% of requisite skills JPRs	None	Yes	100%







Table 3
Written Evaluation Specifications NFPA 1001 Only

	Number of	Forced JPRs	Random Selection	Cut	J&B FFS	Subjects
#	Questions		Coverage JPRs	Score	Chapters	-
Written:	NFPA 1001	Fire Fighter Leve	Is 1 and 2: Exterior Opera	tion		
1	30	5.1.1, 5.1.2,	100% coverage of	75%	1, 2, 4	Orientation, FF Safety,
		5.2.1, 5.2.2,	requisite knowledge JPRs			Communications
		5.2.3, 6.1.1,				
		6.2.1, 6.2.2				
2	30	5.1.2, 5.3,	100% coverage of	75%	3, 11	PPE and SCBA, Response
		5.3.1, 5.3.2,	requisite knowledge JPRs			and Size-up
		5.3.3,				
		5.5.1,5.3.18	1000/	750/	10.17	
3	30	5.3.1, 5.3.10,	100% coverage of	75%	16, 17	Water Supply, Fire Attack
		5.3.15, 5.5.2,	requisite knowledge JPRs			Lines and Foam
		6.3.1,6.5.5	1000/	750/	10.10	
4	30	5.3.6, 5.3.20,	100% coverage of	75%	10, 13	Ladders, Ropes and Knots
_		5.5.1, 6.2.4,	requisite knowledge JPRs	750/		
5	30	5.3.10, 5.3.11,	100% coverage of	75%	6, 7	Fire Behaviour, Building
<u>^</u>		5.3.12,	requisite knowledge JPRs	750/		Construction
6	20	6.1.1	100% coverage of	75%	5	Incident Management System
7		504 507	requisite knowledge JPRs	750/	45 00 00	
7	30	5.3.1, 5.3.7,	100% coverage of	75%	15, 22, 23	Ventilation, Fire Suppression,
		5.3.8, 5.3.10,	requisite knowledge JPRs			Wildland and Ground Fires
		5.3.11, 5.3.12,				
		5.3.18, 5.3.19,				
Writton	· NEDA 1001	6.3.2, 6.3.3	Is 1 and 2 Interior Operatio	n (oxom		
8	30	5.3.1, 5.3.5,	Yes	75%	14, 18	Search and Rescue, FF
0	30	5.3.9,	165	1370	14, 10	Survival
9	30	5.3.4, 5.3.8,	Yes	75%	9, 12	FF Tools and Equipment,
9	30	5.3.11, 5.3.13,	165	1370	3, 12	Forcible Entry
		5.3.14, 5.5.1,				
		6.3.26.4.2,6.5.4				
10	30	5.3.8, 5.3.13,	Yes	75%	19, 29	Salvage and Overhaul, Fire
10	00	5.5.14, 5.3.17,	100	1070	10, 20	Cause Determination
		5.5.1, 6.3.4,				
		6.5.4				
11	30	5.3.7, 6.4.1,	Yes	75%	25, 26	Vehicle Rescue and
	00	6.4.2			20, 20	Extrication, Assisting Special
						Rescue Teams
	Written:	NFPA 1001 Fire	Fighter Level 1 and 2 (Full	Service (Operation) (
12	30	6.5.1, 6.5.2,	Yes	75%	24, 27	Pre-Incident Planning, Fire
		6.5.3,				Prevention and Public
						Education
13	30	5.3.14, 5.3.16,	Yes	75%	8, 28	Fire Extinguishers, Fire
		6.5.3				Detection and Suppression
				1	1	Systems



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Table 4

Skills/Project Evaluation	n Specifications NFPA 1001 Only

Practical Eval #	% OF JPRS TESTED	FORCED JPRS	RANDOM SELECTION COVERAGE	CUT SCORE	J&B FFS Chapters	Subjects
Skills/ Proj	ect: NFPA 1001	Fire Fighter Lev	vels 1 and 2: E	Exterior O	peration	
1	70% of requisite skills JPRs	5.2.2, 5.2.3, 6.2.2	Yes	100%	1, 2, 4	Orientation, FF Safety, Communications
2	70% of requisite skills JPRs	5.1.2, 5.3.1, 5.5.1, 5.3.2, 5.3.3	Yes	100%	3, 11	PPE and SCBA, Response and Size-up
3	70% of requisite skills JPRs	5.3.1, 5.3.10, 5.3.15, 5.5.2, 6.3.1, 6.5.5	Yes	100%	16, 17	Water Supply, Fire Attack Lines and Foam
4	70% of requisite skills JPRs	5.1.2, 5.3.6, 5.3.12, 5.3.20, 5.5.1, 6.4.2	Yes	100%	10, 13	Ladders, Ropes and Knots
5	N/A	N/A	N/A	N/A	6, 7	Fire Behaviour, Building Construction
6	100% of requisite skills JPRs	6.1.2	Yes	100%	5	Incident Management System
7	70% of requisite skills JPRs	5.3.7, 5.3.8, 5.3.10, 5.3.11, 5.3.12, 5.3.18, 5.3.19, 6.3.2, 6.3.3	Yes	100%	15, 22, 23	Ventilation, Fire Suppression, Wildland and Ground Fires
Skills/Proje	ect: NFPA 1001 F		els 1 and 2 Inte	rior Opera	tion (exams	1-7 plus):
8	70% of requisite skills JPRs	5.2.4, 5.3.1, 5.3.9	Yes	100%	14, 18	Search and Rescue, FF Survival
9	100% of requisite skills JPRs	5.3.4,	Yes	100%	9, 12	FF Tools and Equipment, Forcible Entry
10	70% of requisite skills JPRs	5.3.8, 5.3.13, 5.3.14, 5.3.17, 6.5.4	Yes	100%	19, 29	Salvage and Overhaul, Fire Cause Determination
11	70% of requisite skills JPRs	6.4.1, 6.4.2	Yes	100%	25, 26	Vehicle Rescue and Extrication, Assisting Special Rescue Teams
Skills/Proie	ect: NFPA 1001 F	ire Fighter Leve	el 1 and 2 (Full	Service O	peration) (ex	
12	70% of requisite skills JPRs	6.5.1, 6.5.2, 6.5.3	Yes	100%	24, 27	Pre-Incident Planning, Fire Prevention and Public Education
13	100% of requisite skills JPRs	5.3.16	Yes	100%	8, 28	Fire Extinguishers, Fire Detection and Suppression Systems