

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. U/E/S	7. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only		
1	f	2													
2	f	2													
3	f	2													
4	h	2													
5	f	2													
6	h	2												E	typo
7	f	2												E	typo
8	h	2													
9	f	2												E	typo

Instructions

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10	h	2														
11	h	2														
12	h	2														
13	h	2														
14	f	2														
15	h	2												E	delete phrase in c, d	
16	h	2				X								U	modify second half of distractors	
17	f	2														
18	f	2														

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19	f	2													
20	h	2													
21	h	2													
22	f	2										X		U	overlap with 90, reselect
23	f	2													
24	h	2													
25	f	2													
26	h	2													
27	h	2													

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ES-401

Written Examination Review Worksheet Form FS.401.9

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=WA	SRO Only		
28	f	2													
29	h	2													
30	f	2													
31	f	2													
32	h	2													
33	h	2													
34	h	2													
35	h	2													
36	f	2													

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37	h	2												E	typo
38	h	2													
39	f	2													
40	h	2													
41	f	2													
42	h	2													
43	h	2													
44	h	2													
45	f	2													

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16	f	2												E	stem phrasing
17	f	2												S	
18	h	2												E	explain B
49	h	2												S	
50	h	2												S	
51	h	2												E	Answer the following for these conditions: (1)... (2)...
52	f	2												S	
53	h	2												S	
54	h	2												S	

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55	f	2												S	
56	h	2												S	
57	f	2												S	
58	f	2												S	
59	h	2												S	
60	f	2												S	
61	h	2												S	
62	h	2												S	
63	h	2												S	

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64	f	2												S	
65	h	2												S	
66	f	1				X								U	Any conditions in which it's not just one acc?
67	f	2												S	
68	f	2												S	
69	f	2				X								?	Why any one of a, b, c? Perhaps multiples or "all of above"?
70	f	2												S	
71	f	2												S	
72	f	2												S	

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			Stem Focus	Cues	TIF	Cred. Dist.	Partial	Job-Link	Minutia	#I units	Backward	Q=WA	SRO Only		
73	f	2												S	
74	h	2												S	
75	h	2												S	

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76	h	2											X	S	
77	h	2											X	S	
78	f	2											X	S	
79	h	2											X	S	
30	h	1		X									X	U	Q points at answer, DLO, non discriminatory
31	h	2				X							X	?/E	Do you do concurrent proc? H "NO" EOP entry cond, with EOP as ans?
32	h	1											X	U/E	Low LOD, straightforward; can you ask a degraded voltage question?
33	h	2											X	S	
34	h	2											X	S	

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85	h	2											N	X	U/E	Q gives what KA asks. Put power as a variable in stem & diistractors.
86	h	2													S	
87	h	2													S	
88	h	2													S	
89	f	2													E	"depressurized"
90	h	2											N		U	Q has nothing to do with KA
31	h	2													S	
32	h	2													S	
33	h	2				X									E	What is the rationale for 26%, why plausible?

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34	f	2				X							X		E	Replace D with "ATC may leave, however the plant must be in Mode 4 within 4 hours unless a replacement arrives"
35	f	1													U	non discriminatory
36	h	2													S	
97	h	2													S	
98	h	2				X									E	"C": why would flow increase exceed a thermal limit?
99	f	2													S	
100	h	2													S	

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- Check the appropriate box if a psychometric flaw is identified:
 The stem lacks sufficient focus to elicit the correct answer (e.g., unclear intent, more information is needed, or too much needless information).
 The stem or distractors contain cues (i.e., clues, specific determiners, phrasing, length, etc).
 The answer choices are a collection of unrelated true/false statements.
 The One or more distractors are is not credible; single implausible distractors should be repaired, more than one is unacceptable.
 One or more distractors is (are) partially correct (e.g., if the applicant can make unstated assumptions that are not contradicted by stem).
- Check the appropriate box if a job content error is identified:
 The question is not linked to the job requirements (i.e., the question has a valid WA but, as written, is not operational in content).
 The question requires the recall of knowledge that is too specific for the closed reference test mode (i.e., it is not required to be known from memory).
 The question contains data with an unrealistic level of accuracy or inconsistent units (e.g., panel meter in percent with question in gallons).
 The question requires reverse logic or application compared to the job requirements.
- Check questions that are sampled for conformance with the approved WA and those that are designated SRO-only (K/A and license level mismatches are unacceptable).
- Based on the reviewer's judgment, is the question as written (U)nacceptable (requiring repair or replacement), in need of (E)ditorial enhancement, or (S)atisfactory?
- At a minimum, explain any "U" ratings (e.g., how the Appendix B psychometric attributes are not being met).

Changes to Pilgrim 2009 NRC written exam based on NRC review

1. Typo corrected in stem
6. Changed work "Auto" to "Automatic"
9. Typo corrected in answer "D"
15. Distractors "C" and "D" revised
16. Revised stem
19. Revised justification for answer "C"
20. Revised word "Other" to "other"
22. Replaced question – new KA
37. Changed "R X" to "reactor"
46. Removed word "they" from stem
49. Typo corrected in answer "C"
51. Revised question stem
80. Revised question and answers
82. Revised question and answers
85. Revised question and answers
89. Typo corrected in stem
94. Revised distractor "D"
95. Replaced question – new KA
98. Changed word "flow" to "power" in stem.

Changes to Pilgrim 2009 NRC operating exam based on NRC review

ADMIN JPMs

ALL - Minor enhancements made to clarify cues and answer keys.

SIMULATOR & IN-PLANT JPMs

ALL - Minor enhancements made to clarify cues and answer keys.

JPM S-5 – At step 20, added an additional isolation valve failure when group 3 isolation occurs

JPM S-8 – At step 8, revised to separate and identify that actuating the trip reset switch is a non-critical step.

At step 12, identified that placing the APRM mode switch to the "test power" position is the only critical portion of the step.

SCENARIOS

ALL – Minor enhancements made to cues and operator action descriptions

Scenario #2 - Event #5, added a failure to close for RWCU valve 1201-2 (INBD ISOL VLV).

Added in the script, a potential critical task to vent containment before exceeding the PCPL.