

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	H	3	X				X					X		U(S)	doesn't qualify as "modified" - must count as "Bank"; change "appropriate" to "required" in stem to ensure only one answer (o/w, D may be correct); doesn't test knowldg of the REASONS for EOP actions per KA; (Replaced with NEW)
2M	H	2	X									-		E(S)	Tpzzr is not Tsat for 1900#; recommend changing to 1400# in pzzr and 20# in QT in order to really test something; (replaced w/ MODIFIED)
3B*	H	3										-		S(S)	NRC-2002; (Replaced with BANK; cannot count as "MODIFIED")
4B	F	2										-		E(S)	NRC-2004; LOK is F vice H; (replaced w/BANK)
5	F	3	X			X	X					-		U(S)	A and C are too similar to be credible; B and D are the same - need to specify that order of actions is important; (Replaced with NEW)
6	F	3										X		U(S)	doesn't test knowledge of REASONS for isolating letdown per KA; (replaced w/NEW)
7	H	3										-		S(S)	(replaced w/NEW)
8B	F	3										-		S(S)	(replaced w/BANK;)
9B	H	3										-		S(S)	plant-specific priority for item <2.5 IR; (replaced w/BANK)

Instructions

[Refer to Section D of ES-401 and Appendix B for additional information regarding each of the following concepts.]

- Enter the level of knowledge (LOK) of each question as either (F)undamental or (H)igher cognitive level.
- Enter the level of difficulty (LOD) of each question using a 1 - 5 (easy - difficult) rating scale (questions in the 2 - 4 range are acceptable).
- 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.
 - @ One or more distractors is (are) not credible.
 - @ 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 K/A 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 K/A 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).

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10	H	3					X					-		E(S)	change A to 495F and C to 24 ft; <i>(replaced w/NEW)</i>
11	H	3										-		S	
12	F	3										-		S	
13	H	3										-		S	
14B	H	3										-		S	
15	H	3										X		U(S)	doesn't test knowledge of REASONS... per KA; <i>(replaced w/NEW)</i>
16B	F	2				X						-		U(S)	C is not credible; <i>(Fixed)</i>
17	F	3										-		S(S)	<i>(replaced w/NEW)</i>
18B	F	3				X						-		U(S)	B is not credible; <i>(replaced w/BANK)</i>
19B	H	3										-		S	
20B	F	3										-		S	NRC-2004;
21B	H	2										-		S(S)	<i>(replaced w/ what was Q#22 in DRAFT)</i>
22B	H	2										-		S(S)	<i>(replaced w/BANK)</i>
23	F	3				X	X					-		U(S)	C and D are subsets of A and B respectively; D is also correct; <i>(replaced w/NEW)</i>
24B	F	3										X		U(S)	NRC-2004 RO#80 - NRC identified; doesn't test knowledge of the REASONS... per KA; <i>(replaced w/ what was Q#25 in DRAFT)</i>
25	F	3										-		S(S)	<i>(replaced w/BANK)</i>
26B	H	3										-		S	
27M	H	3										-		S	
28	H	3										-		S(S)	<i>(replaced w/NEW)</i>
29	H	3										-		S	

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30B	H	2				X						-		U(S)	A is not credible; (Fixed)
31M	F	3										-		S(S)	(MODIFIED)
32M	H	3					X					-		U(S)	change "?" to ":" in stem; A is too close to D and is also incorrectly worded - should refer to gas volume rather than gas pressure; (MODIFIED)
33M	H	3										-		S(S)	(MODIFIED)
34	H	3				X						-		U(S)	A, C, and D are not credible; (replaced w/NEW)
35B	F	2										-		S	
36B	F	2										-		S	
37B	H	2										-		S	
38B	F*	3										-		E(S)	LOK is F vice H; (Fixed)
39B	H	3										-		S(S)	(replaced w/BANK)
40M	H	2										-		S(S)	(MODIFIED)
41	H	3				X						-		U(S)	Dis not credible; (Fixed)
42B	F	3										-		E(S)	only use two ES channel combinations for answers; (Fixed)
43B	F	3										-		S	NRC 2002;
44B	H	3										-		S	
45M	H	3										-		S	
46B	F	2										-		S	
47	H	3										-		S	
48B	F	3										X		U(S)	doesn't test ability to USE PROCEDURES to correct... per KA; explanation for C and D doesn't match Q; (Fixed)

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49	F	3										-		S(S)	(replaced w/NEW)
50M*	H	3										-		S(S)	(MODIFIED)
51	F	3										-		S	
52B	F	3				X						-		U(S)	D is not credible; (Fixed)
53B	H	3					X					-		U(S)	need to clarify importance of order in answers; (Fixed)
54M	H	3										-		S	
55M	F	1				X						-		U(S)	NRC-2002 RO#12? AND NRC-2004 RO#13 - NRC identified; too easy - answer is obvious; B is not credible; (replaced w/ MODIFIED)
56B	H	2										-		S	
57	H	3										X		U(S)	KA on Q form doesn't match outline; (MODIFIED)
58M	F	3				X						-		U(S)	A is not credible; (MODIFIED)
59	F	3										X		U(S)	doesn't test ability to recognize INDICATIONS FOR SYSTEM OPERATING PARAMETERS which are TS entries per KA; (replaced w/NEW)
60B	F	3										-		S	
61B	H	3										-		S(S)	(replaced w/BANK)
62	H	2										-		S(S)	(MODIFIED; typo in explanation)
63	H	3										-		S	
64B	H	3										-		S	
65	H	3										-		S(S)	(replaced w/NEW)
66M	H	3										-		S(S)	(MODIFIED)

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67M	F	3										-		S	
68	F	2				X						-		U(S)	there is no correct answer since 300F is not "required"; (MODIFIED)
69B	F	2										-		S	
70B	F	2										-		S(S)	(replaced w/BANK)
71B	H	3										-		S	
72	F	3										X		U(S)	doesn't test knowledge of radiation exposure limits including permissible levels IN EXCESS OF THOSE AUTHORIZED per KA; (replaced w/NEW)
73	H	3										-		E(S)	add "-ing" to A and B for consistency;
74	F	2										-		S	
75M	F	2										-		E(S)	eliminate "are correct" from each distractor; (replaced w/ MODIFIED)
76	H	3										-	-	S	
77B	H	3					X					-	-	E(S)	NRC 2002; is D arguably a correct answer? (Fixed)
78	H	3										-	-	S	
79B	H	2										-	-	S	
80	H	3										-	-	S	
81	H	3										-	-	S	
82	H	3										-	-	S	
83	H	3										-	-	S	
84	H	3										-	-	S	
85	H	3										-	-	E(S)	typo in KA section of Q form; (Fixed)
86	H	3										-	-	S	

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87	F*(H)	3										X	-	U(S)	LOK is F vice H; doesn't test knowledge of LCO for PRT per KA; (Replaced)
88	H	3										-	-	S	
89B	H	3										-	-	S	
90B	H	2				X						-	-	U(S)	B is not credible; (fixed)
91	H	3										-	-	S	
92B	H	2										-	-	S	
93B	H	3				X						-	-	U(S)	B is not credible; (fixed)
94M	H	3										-	-	S	
95B	H	3										-	-	S	
96B*	H	2										-	-	E(S)	doesn't qualify as "modified" - must count as "bank"; (fixed)
97B	H	3										-	-	S	
98M	H	2					X					-	-	U(S)	no correct answer; (fixed)
99B	H	3										-	-	S	
100B*	H	2										X	-	U(S)	NRC 2004; doesn't qualify as "modified" - must count as "bank"; doesn't test knowledge of the BASES for prioritizing... per KA; (fixed)
RO 45B 8M	44H 31F		4X			11X	6X					8X		21U 7E	RO TOTALS 5 repeats from previous two NRC exams - two NRC identified.
SRO 11B 2M	24H 1F					2X	2X					2X		5U 3E	SRO TOTALS 2 repeats from previous two NRC exams.
															GENERAL COMMENTS: 1.
															NOTE: Bank questions are indicated by B; Modified are indicated by M; comment resolution is indicated in blue;