

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. B/M/N	7. U/E/S	8. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only			
1	H	2												B	S	
2	H	2				C								B	E	Replace choice C.
3	H	2				D								N	E	Replace D with "Condenser and atmospheric steam dumps"
4	F	2												N	S	
5	F	2												N	S	
6	H	3												N	S	
7	F	2												B	S	
8	H	2	X											B	E	Provide options if they assume sprays actuate. Change A & C.

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.
 - The distractors are 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 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).
- Enter question source: (B)ank, (M)odified, or (N)ew. Check that (M)odified questions meet criteria of ES-401 Section D.2.f.
- Based on the reviewer's judgment, is the question as written (U)nsatisfactory (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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9	H	3												N	S	
10	H	2												N	S	
11	F	2	X											N	E	Remove unnecessary first two lines.
12	F	2												B	S	
13	H	2												N	S	
14	F	2	X											B	E	Reword Q to eliminate unnecessary first five lines.
15	H	2												N	S	
16	F	2												B	S	
17	H	2												N	S	
18	H	2	X											N	E	3 rd bullet – "is" vs "are".
19	H	2	X											N	E	Remove 2 nd "in" in 2 nd bullet.
20	F	2												B	S	
21	H	2												N	S	
22	H	3												M	S	
23	F	3												N	S	
24	F	2												B	S	
25	H	2	X											B	E	3 rd bullet – ONLY 'A' RCP is running." "ONLY" vs "only" in choices.
26	F	3												N	S	
27	H	3												N	S	
28	F	2												B	S	

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29	H	2												N	S	
30	F	3												N	S	
31	H	2												B	S	
32	H	2	X											N	E	Add "no operator actions were taken" to stem.
33	F	2												B	S	
34	H	2												N	S	
35	F	3												N	S	
36	H	3												B	S	
37	H	3												B	S	
38	F	2												B	S	
39	H	2												B	S	
40	H	2	X											N	E	Replace 350 F with 200.
41	F	2	X											M	E	For C & D specify CIB push buttons.
42	H	2												B	S	
43	H	2	X					C,D						N	U	C & D 2's present subset problem. Clarify Q and provide trends.
44	F	2												N	S	
45	F	2	X											B	E	Changed C to ensure that it is technically incorrect.
46	H	2												N	S	
47	F	2	X											B	E	Ask for only one part of the Q. (Both parts are independent.)
48	H	2												N	S	

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49	F	2												N	S	
50	F	2				D								B	E	Change temperature in D to be more plausible (65 °F)
51	H	2												N	S	
52	H	2												B	S	
53	H	2												N	S	
54	F	2												M	S	
55	F	2												N	S	
56	F	2												B	S	
57	H	2												N	S	
58	H	2												N	S	
59	F	2												N	S	
60	H	2	X											N	E	Delete 2nd bullet.
61	H	2												N	S	
62	F	2	X											B	E	Simplify/shorten plant info. Delete 2 nd & 4 th bullets.
63	F	2	X											B	E	State that DWST LEVEL will rise in D.
64	F	2												B	S	
65	H	2												B	S	
66	F	2												B	S	
67	H	3												B	S	
68	F	2	X											N	E	Replace "or" in choices with "and".

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69	H	2												M	S	
70	H	2												B	S	
71	F	3												B	S	
72	H	2												B	S	
73	H	2												N	S	
74	F	2												B	S	
75	H	2												B	S	
																H= 42 => 56%; M= 4 => 5.3%; N= 37 => 49.3%; B=34 => 45.3%
																1 U's => 1/75 = 1.4 % Unsat
76	H	2												B	S	
77	H	2												N	S	
78	H	3												N	S	
79	H	2												N	S	
80	F	2												N	S	
81	F	2												N	S	
82	H	2	X											B	E	Add "is in alarm" to 4 th bullet.
83	H	2												N	S	
84	H	3												N	S	
85	H	2	X											B	E	Combine Qs and 1 & 2's in the choices.
86	H	2												N	U	KAMM – KA is a stretch. Reselect KA.

[illegible]