

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	Back- ward	Q= K/A	SRO Only			
1	H	3				X								M	E	D does not seem plausible based upon stem conditions. Also, Explanation of why D is incorrect does not match. Nothing in provided references describes why the correct answer is correct.
2	H	3				X								B	E	Remove 'expected'. Provided reference does not support plausibility of A and B; D plausibility questionable as it is a conflicting statement. A potential second correct answer if 1/3 more power is max power
3	H	3												N	S	
4	H	2												N	S	
5	H	3				X								N	E	Questionable plausibility of D. Site to provide clarification
6	H	3												B	E	Add the word 'tube' to component description in answer C
7	H	3												B	S	
8	F	2												N	S	

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	F	2					X							B	E	B could also be considered a correct answer because it will accomplish the desired outcome. Suggest re-wording stem to add 'is required next in accordance with procedure' to exclude B since other steps are performed prior to it.
10	F	2							X					N	S	Could this question be viewed as minutia? Is this procedure part of the training program?
11	H	3												N	E	Basis for correct answer is incorrect, should say 'does not prevent'
12	F	3												N	S	
13	F	2										X		N	S/U	Site to provide justification how this highlights unit difference, does not appear to meet K/A
14	F	2												N	S	
15	H	3				X								M	S	
16	F	2												B	S	
17	F	1												B	S	
18	H	3												B	S	
19	H	3												N	S	
20	F	3												N	E	Answer D-change RFM to RFP
21	H	3												N	E	Answer C component description should match its description in the procedure
22	H	3												B	S	
23	F	3										X		N	U	Based upon stem conditions, does not meet K/A
24	F	3												N	E	Procedure should be in stem to be more specific and also to prevent possible post-exam comments
25	H	3						X						N	S/U	Potentially SRO level question unless site documents that this is expected RO level knowledge
26	H	3												B	S	

[illegible]

[illegible]

[illegible]

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92	H	3												B	S	
93	F	3												N	S	
94	F	2												B	S	
95	F	2											X	B	U	Equivalent of 'above the line' TS knowledge; no SRO level of knowledge
96	F	2												B	S	
97	F	3										X		B	U	K/A mismatch
98	H	3												B	S	
99	H	3												N	S	
100	H	3												B	S	Remove stem statement about using provided references