| Q# | 1. LOK (F/H) | 2. LOD (1-5) | 3. Psychometric Flaws | | | | | 4. Job Content Flaws | | | | 5. Other | | 6. | 7. |
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only	U/E/S	Explanation
76	H	3												S	
77	H	3											X	U	Q can be answered with "above the line" info only, basis not rqt, not SRO revisit
78	H	2												S	
79	H	3												E	D imp; try "station operator to isolate ADV if F.O. due to water relief"
80	H	3											X	U	Can answer with system knowledge, RO level. Also 5 "a" answers in a row
81	H	3												S	Memory or ref provided? Ref provided
82	H	3												S	
83	H	3												S	

Instructions

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2. 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).

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    - The question requires reverse logic or application compared to the job requirements.

5. 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).

6. Based on the reviewer's judgment, is the question as written (U)nacceptable , in need of (E)ditorial enhancement, or (S)atisfactory?

ES-401   Written Examination Review Worksheet Form ES-401-9

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		
84	H	3												E	A. Initiate VCT makeup and charging at max available rate
85	H	2												S	
86	H	3												S	
87	H	2							X					S/E	Closed ref? Also, don't need 375, same for all distractors; ask condition - never isolate, 375 during c/d, 100# during depress, isolate after CL recirc –can add proc desig
88	F	2												S	
89	H	3												S	
90	H	3												E	"should"? what is required action
91	F	2												S	

Instructions

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memory).
- The question contains data with an unrealistic level of accuracy or inconsistent units (e.g., panel meter in percent with question in gallons).
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5

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		
92	H	2												E	"should"
93	F	2												S	
94	F	3												S	
95	F	2				X								U	A, B n/c –first assembly moved over vessel; at calculate Keff by RxE
96	H	2												S	
97	H	4												S	"should"
98	F	2												S	
99	F	4												S	
100	H	3												S	

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1. Enter the level of knowledge (LOK) of each question as either (F)undamental or (H)igher cognitive level.

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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												S	
2	H	2												S	
3	H	2												S	
4	H	2												E	Confusing wording, ask Q more directly
5	H	3												S	
6	H	2												S	
7	H	2												S	
8	F	2												E	Ask more direct – times from each source and why different

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Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6.	7.
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9	H	3												S	
10	F	3												S	
11	F	2												U	Multiple correct answers a,b, - fix b
12	F	3												S	
13	F	2												S	
14	F	2												S	
15	H	3												S	
16	H	2												S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only	U/E/S	Explanation
17	H	2												S	
18	F	3												S	
19	H	2												S	
20	H	3												S	
21	F	2												S	
22	F	3												S	
23	F	3												S	
24	F	3												S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only	U/E/S	Explanation
25	F	3												S	
26	H	3												S	
27	F	3												S	
28	F	3												S.	
29	H	2												S	
30	H	2												S	
31	H	2												S	
32	F	2												S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only		
33	H	3												S	
34	F	2										?		E	Check K/A – PRT or PZR typo in KA catalog
35	F	2												S	
36	H	4												E	RO level? Can ask simpler Q – to be replaced
37	F	3												S	
38	F	2												S	
39	F	3										X		U	You're giving the answer. Just ask the breakers
40	H	2												S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only	U/E/S	Explanation
41	F	2												E	Ask response to SEC, All or primary shift to fast/slow
42	F	2												S	
43	H	3												S	
44	H	2												E	"B" imp; does anything work this way try "resets, re-actuates when PB released"
45	F	2												S	
46	F	2						x						S/E	Matches k/a but not really significant
47	F	3												S	
48	H	2												S	

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49	H	3												S	
50	H	3												E	Numbers in answer don't match explanation - 552 vs 563
51	F	2												S	
52	F	2												S	
53	F	3										x		E	Relation to water hammer? Why is A wrong?
54	H	2												S	
55	H	3												S	
56	F	3												S	

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57	F	3												S	
58	H	3												S	
59	H	2												S	
60	F	2												S	
61	F	3												S	
62	F	2												S	
63	F	2												S	
64	F	3												S	

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65	H	2												S	
66	F	2												S	
67	F	2												S	
68	F	3												S	
69	F	2												S	
70	H	3												S	
71	F	3												S	
72	F	3												S	

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   - 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 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).

4.   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.

5.   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).

g.   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?

7.   At a minimum, explain any "U" ratings (e.g., how the Appendix B psychometric attributes are not being met).

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

Instructions

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

1.   Enter the level of knowledge (LOK) of each question as either (F)undamental or (H)igher cognitive level.

2.   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).

3.   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).

4.   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.

5.   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).

h.   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?

7.   At a minimum, explain any "U" ratings (e.g., how the Appendix B psychometric attributes are not being met).