

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												N	S	
2	H	3												B	S	
3	H	2												N	S	
4	H	3												N	S	
5	H	2												B	S	
6	F	2												N	S	
7	H	3												N	S	Editorial stem changes: Provide conditions to indicate S/G are not available. Delete plant mode reference.
8	F	3												B	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												B	E	Minor editorial stem change to delete redundant statements.
10	F	2												B	S	
11	H	3												N	E	Minor editorial change to change the tense in the stem and answer choices.
12	H	2												M	S	
13	H	3												B	S	
14	H	2												B	E	Minor editorial change to stem and answer choices to reduce the question from two parts to one.
15	H	3												B	S	
16	H	3										N		N	U	KAMM; Revise Q to have the plant in ECA-1.1
17	F	2												B	S	
18	H	2												N	E	Minor editorial change to stem to add "minimum" time requirement for the bus transfer time. Also editorial stem change to delete redundant statements.
19	F	2												B	S	
20	H	3												N	S	
21	F	2												B	S	
22	F	2												B	S	
23	H	3												B	E	Minor editorial change to stem and answer choices to reduce the question from two parts to one.
24	H	3												M	S	
25	H	2												M	E	Minor editorial change to delete redundant statements and change "would" to "will" in the stem.
26	H	2												B	E	Minor editorial stem change to delete redundant statements.
27	H	3												M	S	
28	F	2												B	S	

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29	F	2												N	E	Minor editorial change to stem to delete redundant statements and associate the question with appropriate plant reference procedure.
30	H	2				X								N	U	'B' and 'D' second part of the answer choices are not plausible distractors; replace the plausible distractors with new ones.
31	H	3												N	S	
32	H	2												N	S	
33	H	2										N		N	U	K/A MM; redraw based topic not part of normal plant specific evaluation.
34	F	2												B	E	Editorial stem change to remove breaker specific reference.
35	H	2												B	S	
36	H	2												B	E	Editorial stem change to add time reference, and enhance answer choices c and d to tail pipe temperature scale.
37	F	2												B	E	Make 'C' answer choice more plausible.
38	H	3												N	S	
39	F	3												B	E	Editorial stem change to add reference document.
40														N	S	
41	F	2												B	S	
42	F	2												B	E	Editorial stem change to add initial plant conditions in stem, and remove valve ids in answer choices to increase LOD.
43	F	2												B	S	
44	H	2												B	E	Editorial stem change to remove "if at all".
45	H	2												N	E	Editorial stem change to add timeframe reference.

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46	F	2												B	E	Minor editorial stem change to delete redundant statements.
47	H	3												N	S	
48	H	2												N	S	
49	H	2												B	S	
50	F	2												B	E	Minor editorial stem change to better match K/A.
51	H	2												B	S	
52	F	2												N	E	Minor editorial stem change to delete unnecessary statements.
53	F	2												B	S	
54	F	2												B	S	
55	F	2												B	E	Minor editorial stem change to delete redundant statements.
56	H	2												B	E	Minor editorial stem change to lower case words.
57	H	2												B	S	
58	H	2												N	E	Minor editorial stem change to provide indication that annunciator "just" came in to distinguish hi vs hihi setting.
59	F	2												N	S	
60	F	2												B	S	
61	F	1												B	U	LOD – 1; Develop New Q per K/A.
62	H	2												B	E	Minor editorial stem change to remove "likely" from stem.
63	H	3												N	S	
64	F	2												N	S	
65	F	2												B	E	Replace answer choice 'B' with more plausible distractor.

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66	F	2												B	S	
67	F	2												B	S	
68	F	2										N		N	U	K/A MM; Replace Q with new.
69	F	2										N		N	U	K/A MM; reselect new K/A based on topic not part of normal job function.
70	H	2												B	E	Minor editorial stem change to add Pzr solid parameters.
71	F	2												B	S	
72	F	2										N		B	U	K/A MM; Develop New Q per K/A.
73	H	2												N	S	
74	H	2												B	E	Minor editorial stem change to add timeframe and replace 'B' plausible distractor.
75	F	2												B	S	
76	H	3											Y	B	S	
77	H	3											Y	B	E	Editorial: Make 'B' more plausible; 530 psig; delete RCP trip criteria
78	H	3											Y	N	S	Editorial: Change the stem question to make it SRO related
79	H	3											Y	B	E	Editorial: B answer choice – change grammar to "is not"
80	H	4											Y	N	E	Add output bkr closure to part C & D to make it more plausible
81	H	3											Y	B	E	May need to evaluate to remove 3 <sup>rd</sup> bullet or come up with another way of saying manual start of Charging pump was unsuccessful
82	H	3											Y	B	S	
83	H	3											Y	B	S	
84	H	3											Y	B	S	
85	H	3										N	Y	N	U	K/A MM; the Q does not test inadvertent CIA. Replace Q.

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86	H	3											Y	B	S	Editorial – Add K/A match info related to CVCS to the explanation.
87	H	3											Y	B	S	
88	H	3											Y	M	S	
89	F	3											Y	N	E	Add word “only” to choice ‘C’
90	F	2											Y	B	E	Add the noun name for 3LWS-RE70, if needed.
91	H	3											Y	N	E	Editorial; Match A & B wording to match description of “P-A”
92	H	3											Y	N	S	
93	H	3											Y	N	E	Recommend not provide table 3.7.3 and change the answer choices C & D to match A & B with 25.5% power to make it more plausible
94	H	3											Y	B	E	Add AFW status in the stem. Change feed setpoint to 21% (the procedure refers to 21%); delete the first word of ALL answer choices (Attempt & Immediately)
95	F	2											Y	B	E	LOW LOD; see if that can be enhanced or be replaced.
96	F	2											Y	N	S	
97	H	3											Y	M	E	Delete in stem “The SM will notify RE” (2 <sup>nd</sup> bullet) to make C the only correct answer
98	F	3										N	Y	B	U	K/A MM; Replace Q.
99	H	3											Y	B	S	
100	F	2											Y	N	E	Editorial – Change part 2 of ‘C’ to “manually discharge the CO2 system” to balance out the answer choices.