

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													B	S	
2	H													B	S	
3	F													N	E	Changed distractor C&D to increase LOD
4	F													N	S	
5	F													B	S	
6	H													N	E	Changed distractors to eliminate subset issue
7	F													B	S	
8	F													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).

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			
9	F													N	S	
10	H													B	S	
11	F													B	S	
12	H													B	S	
13	H													B	S	
14	H	2												N	E	Reworded stem to increase difficulty of Q
15	F													B	S	
16	H													N	S	
17	F													B	S	
18	F													N	S	
19	F													B	S	
20	H													N	S	
21	F													B	S	
22	H													N	S	
23	H													B	S	
24	H													B	E	No correct answer, reworded to fix
25	H													B	S	
26	H													B	S	Edited reference handout to remove levels
27	H													B	E	
28	F													N	S	

[illegible]

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			
49	H													B	S	
50	H													B	S	
51	F													B	E	Changed to make Q less trivial
52	H													B	E	Added K/A justification statement
53	H													B	S	
54	F													B	E	Added ONLY to answers to avoid subset issue
55	F													B	E	Reword stem to remove specific levels
56	F													N	S	
57															U	K/A MM
58	H													N	S	
59	F													N	E	Added justification for K/A match
60	H													N	S	
61	H													B	S	
62	F													B	S	
63	H													N	S	
64	F													B	S	
65	H													B	S	
66	F													B	S	
67	F													B	S	
68	F													N	S	

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			
69	H													B	S	
70	H													N	S	
71	F													B	S	
72	F													B	S	
73	H													B	S	
74	F													B	S	
75	H													N	S	
76															E	Edited handout
77	H													N	E	Changed dates on A and B
78	H													B	S	
79	H													N	E	Modified graph to deleted "unreliable"
80															E	Added words to K/A justification concerning battery operability
81	H													B	S	
82	H													N	E	
83	H													B	S	
84	H													B	S	
85	H													N	E	
86	H													N	S	
87	H													B	S	
88	F									X				N	U	LOD=5

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			
89	F													B	S	
90															U	K/A MM
91	H													M	S	
92	H													B	S	Getting more SRO input from facility
93	F													B	S	
94	F	1												B	U	LOD=1
95	F													B	S	
96	H													N	S	
97	H													N	S	
98	H													B	S	
99	H													B	S	
100	H													B	S	

## 2015 NRC ILOT Written Exam Changes (NRC Comment Resolution) – 2-12-15

- #1 – distractor “C” wording edited. Added word “initial” to provide a time frame for the question.
- #2 – reworded stem to incorporate a phrase common in all answers. Added more information to justification for correct answer.
- #3 – changed distractors “C” and “D” from an AC power source to DC power source but different channels
- #4 – revised explanation for “D”
- #5 – added “?” mark and the word “listed” in stem
- #6 – added additional info to distractors “A” and “B” – revised explanations
- #14 – reversed sentence order in distractor “D”
- #15 – changed upper case “T” to lower case “t” in the word “AT” in several distractors
- #19 – fixed typo in explanation for correct answer
- #21 – removed words “with a false high signal” from distractor “D”
- #24 – changed verb tense in distractors and correct answer
- #26 – edited TS Figure 3.1.5.1 to remove high , low and overflow level alarm wording and associated #'s
- #27 – major revision of stem and distractors/answers. Explanations revised
- #32 – added KA match justification
- #36 – reworded correct answer “C”
- #39 – revised correct answer explanation
- #40 – added words “tech specs” to correct answer explanation
- #41 – provided more information in justification for correct answer
- #42 – added words “if any” in question stem, reworded distractors.
- #44 – removed reference handout
- #47 – added wording to correct answer
- #51 – changed question/answer to focus on last component to become uncovered
- #52 – added KA match justification
- #54 – added word “ONLY” to distractors “A” and “C”. Revised question wording to ensure only 1 correct answer.

#55 – reworded question stem

#56 – revised distractor “D”

#57 – new question

#59 – edited KA match justification

#61 – minor stem edit

#62 – minor stem edit

#64 – added words in stem “Non operating RBVS Supply and Exhaust fans are in AUTO”

#75 – answers reformatted

#76 – revised justification for correct answer

#77 – revised date in answers “A” and “B”

#79 – removed wording inside the graph  
removed “unacceptable area” wording from EOP Caution 1 graph

#80 – revised stem and KA match justification

#82 – explanations revised

#83 – revised distractor “B”

#85 – revised/shortened answers, distractors and justifications

#86 – removed word “currently” from answer “C”. edited “D” explanation. Spelled out Condensate Storage Tank (CST) in stem.

#88 – revised question

#90 – revised question stem

#92 – verified explanation of correct answer. Verified the # of components inoperable and revised justification.

#93 – revised KA match justification

#94 – revised question

#98 – revised distractors “B” and “C” and question stem.

#99 – minor stem revision