| ES-401 | | | Written Examination Review Worksheet | | | | | | | | | | | | Form ES-401-9 (R8, S1) |

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
B2	H	2										Y		S	
B4	F	2										Y		S	Prior NRC
B5	H	3										Y		S	Prior NRC
B11	H	3										Y		E	B may be arguable as a correct answer, as Q is worded. Resol: Acceopt as is.
B18	H	3										Y		S	Prior NRC
B19	F	2										Y		S	Prior NRC
B22	F	2										Y		S	Prior NRC
B25	H	3										Y		E	Prior NRC - Ensure handout graph is clean (copy provided has answer marked) Resol: Reference material will be clean.
B27	F	2										Y		S	Prior NRC
B28	F	2										Y		S	Prior NRC

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.
   · More than one distractor is not credible.
   · 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).

6. 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. U/E/S	7.
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only		Explanation
B31	H	3										Y		S	Prior NRC
B34	H	3										Y		E	Prior NRC. Ensure handout (STM) is not training material. OK if it is an approved/controlled operator sid. Resol: Handout deleted.
B35	H	3										Y		E	Prior NRC. Q implies RWCU is discharging into the RWCU room. Is this correct? Resol: Yes, accept as is.
B40	H	3										Y		E	Not clear why handout is needed. System knowledge can be used to rule out distractors. Resol: Handout deleted.
B44	H	2										Y		E	Prior NRC. Not clear why procedure is needed... specifics from procedure are not required to answer. Resol: Procedure will not be provided.
B47	F	2										Y		S	Prior NRC.
B49	H	2										Y		S	Answer not verifiable from ref. Probably SAT as written.
B55	H	3										Y		S	
B59	H	2				X						Y		E	Dist B not credible. Replace with rapid downpower to less than 60%, then trip one RFP. Resol: Distractor modified.
B66	F	2		X								Y		U	Handout gives info on high level 8 turbine trip... would help with Q B59. Revise question to ask recall from memory automatic trip setpoints Resol: Question replaced.
R76	H	2		X								Y		E	Prior NRC. Handout is not required to answer this Q Resol: Handout deleted.
R79	F	2										Y		S	
R88	H	3										Y		S	
R91	F	2		X								Y		E	Prior NRC. Change initial condition to read that one vessel head closure bolt is detensioned. Resol: Comment incorporated.
R99	F	2												S	
S79	F	2										Y	Y	S	Prior NRC.
S81	H	3										Y	Y	S	Prior NRC.
S85	H	2										Y	Y	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
S90	H	3										Y	N	U	Prior NRC. Why is this considered SRO Only? Resol: Accept as is.
S92	H	2										Y	Y	S	Prior NRC.