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

Q#	1.	2. LOD (1-5)	3	B. Psyc	chometr	ric Flaws	s	4.	Job Conf	tent Fl	aws	5. O	ther	6.	7.
Q#	LÖK (F/H)	(1-5)	Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only	U/E/S	Explanation
1	f	2													
2	f	2													
3	f	2													
4	h	2													
5	f	2													
õ	h	2												E	typo
7	f	2							_					E	typo
В	h	2						·							
Э	f	2												E	typo

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

ES-401 Written Examination Review Worksheet Form FS_401_9

Q#	1.	2.	3	B. Psyc	hometr	ic Flaws	S	4.	Job Cont	tent Fl	aws	5. O	ther	6.	7.
<u> </u>	(F/H)	2. LOD (1-5)	Stem Focus	Cues	TIF	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only	U/E/S	Explanation
10	h	2													
11	h	2													
12	h	2													
13	h	2													
14	f	2													
15	h	2												E	delete phrase in c, d
16	h	2		·		Х						·		U	modify second half of distractors
17	f	2		·											
18	f	2													

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

ES-401 Written Examination Review Worksheet Form FS_401_9

	1.	2.	3	3. Psyc	hometr	ic Flaws	5	4.	Job Con	tent Fl	aws	5. O	ther	6.	7.
Q#	(F/H)	2. LOD (1-5)	Stem Focus	Cues	TIF	Cred. Dist.	Partial	Job- Link	Minutia	#I units	Back- ward	Q= WA	SRO Only	U/E/S	Explanation
19	f	2													
20	h	2													
21	h	2													
22	f	2										Х		U	overlap with 90, reselect
23	f	2													
24	h	2													
25	f	2													
26	h	2													
27	h	2													

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.
- 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.

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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 WA 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).

- Check questions that are sampled for conformance with the approved WA and those that are designated SRO-only (WA and license level mismatches are unacceptable). 5.
- 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?
- At a minimum, explain any "U" ratings (e.g., how the Appendix B psychometric attributes are not being met).

ES-4	01	T					<u>Writ</u>	ten E	xamir	atior	ı Rev	iew V	Vork	sheet	Form FS_401_9
	1.	2.	3	B. Psyc	chomet	ric Flaw:	3	4.	Job Con	tent Fl	aws	5. C	ther	6.	7.
Q#	(F/H)	LÖD (1-5)	Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= WA	SRO Only	U/E/S	Explanation
28	f	2													
29	h	2													
30	f	2													
31	f	2													
32	h	2													
33	h	2													
34															
35															
35 h 2															
		•							!		In	structi	ons		
				[F	Refer to	Section	D of E	S-401	and App	endix E	3 for add	ditiona	l inforn	nation re	egarding each of the following concepts.]
1.	En	ter the le	evel of k	nowled	dge (LC	K) of ea	ach que	stion a	s either (F)und	amental	or (H)	igher o	ognitive	e level.
2.	En	ter the le	evel of d	lifficulty	y (LOD)	of eacl	n questi	on usir	ng a 1 - 5	(easy	- difficu	lt) ratii	ng scal	e (ques	stions in the 2 - 4 range are acceptable).
3.	Ch	eck the	The sten	n lacks	: suffici	⊇nt focu	s to elic	it the c	entified: correct ar ues, spe lated true	nswer (cific de	e.g., un	clear i ers, ph	ntent, i rasing,	more in length,	formation is needed, or too much needless information). , etc).
			⁻he One	or mo	re distr	actors a	ire is no	t credi	ble: sinal	e impl	ausible	distrac	ctors sh	nould be	e repaired, more than one is unacceptable. ed assumptions that are not contradicted by stem).
4.	Ch	7	he ques he ques he ques	stion is stion re stion c	not lín equires ontains	ked to the the recaused the	ne job re all of kno th an ur	equirer owledg realist	ments (i.e	of accu	racy or	incons	sistent ı	units (e .	t, as written, is not operational in content). ce test mode (i.e., it is not required to be known from memory)g., panel meter in percent with question in gallons).
5.					•				•	•					signated SRO-only (K/A and license level mismatches are unacceptable).
f.	Ва	sed on t	he revie	wer's j	udgme	nt, is the	e questi	on as v	written (U	l)nacc	eptable	(requi	ring rep	air or re	eplacement), in need of (E)ditorial enhancement, or (S)atisfactory?
7.	At	a minim	um, exp	lain an	ny "U" ra	atings (e	g., hov	the A	ppendix	B psyc	hometr	ic attril	butes a	re not b	peing met).

ES-	401_						_Writ	iten F	Examir	nation	n Rev	iew \	<u>Nork</u>	sheet	Fnrm FS_401_9
	1.	2.	T	<u>—</u> 3. Рѕус	 chomet	ric Flaws	s	4.	Job Cont	tent Fi	aws	5. C	Other	6.	7.
Q#	LOK (F/H)			Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward		SRO Only	U/E/S	Explanation
B7	h	2	Ī											E	typo
38	h	2													
39	f	2													
40	h	2													
41	f	2													
12	h														
43	h	2											ļ ,		
14	h	2							7						
4 5	f	2													
				<u></u>		<u></u> -		<u></u>			<u>Ir</u>	structi	ons		
				[F	Refer to	Section	າ D of E	S-401	and App	endix f	3 for ad	ditiona	d inforr	nation re	regarding each of the following concepts.]
1.	Er	iter the	level of k	knowle	dge (LC	JK) of ea	ach que	stion a	as either ((F)und	amenta	l or (H)igher (cognitiv	e level.
2.	Er	nter the	level of c	difficult	y (LOD)) of eacl	n questi	on usir	ng a 1 - 5	(easy	/ - difficı	ult) rati	ng sca	le (ques	stions in the 2 - 4 range are acceptable).
3.	Ch	neck the	appropries	riate bo n lacks n or dis	x if a post	sychoment focus	etric flavors to elic	w is ide tit the c (i.e., c	entified: correct ar lues, spe	nswer	(e.g., ur etermin	nclear i ers, ph	intent, irasing	more in	oformation is needed, or too much needless information).
		•	The One One or r	e or mo nore di	re distr istracto	actors a	re is no e) partia	t credi	ble; singl rect (e.g.	le impl	ausible applica	distraction	ctors sł make	nould be unstate	e repaired, more than one is unacceptable. ed assumptions that are not contradicted by stem).
4.	Ch	neck the	appropi	riate bo	x if a jo	b conte	nt error	is ider	ntified:	ما <i>ل</i> ا م			اداد، د	١٨/٨ ١٨.٠٠	4 accomplished in the control in control in

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 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 guestions that are sampled for conformance with the approved KIA and those that are designated SRO-only (WA and license level mismatches are unacceptable). 5.
- 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?
- At a minimum, explain any "U" ratings (e.g., how the Appendix B psychometric attributes are not being met).

Written Examination Review Worksheet Form ES-401-9

Q#	1.	2. LOD (1-5)	3	B. Psyc	hometr	ric Flaws	6	4.	Job Cont	ent Fl	aws	5. O	ther	6.	7.
G#	(FÅK)	(1-5)	Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only	U/E/S	Explanation
16	f	2												E	stem phrasing
17	f	2												S	
18	h	2												Е	explain B
49	h	2												S	
50	h	2												S	
51	h	2												E	Aswer the following for these conditions: (1) (2)
52	f	2												S	
53	h	2												S	
54	h	2												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.
- 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).

Check the appropriate box if a psychometric flaw is identified:

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

- 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). 5.
- 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?
- At a minimum, explain any "U" ratings (e.g., how the Appendix B psychometric attributes are not being met).

ES-4	101						Writ	ten E	xamir	ation	n Revi	ew V	Vork	sheet	Form ES_401_9
0,1	1.	2.	;	3. Psyc	hometr	ic Flaws	6	4.	Job Con	tent Fl	aws	5. O	ther	6.	7.
Q#	(F/H)	2. LOD (1-5)	Stem Focus	Cues	TIF	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only	U/E/S	Explanation
55	f	2												S	
56	h	2												S	
57	f	2												s	
58	f	2												s	
59	h	2												s	
60	f	2												s	
61	h	2												s	
62	h	2							·					S	
63	h	2			·									S	
												otru oti			

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.
- 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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Check the appropriate box if a job content error is identified:

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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).

- Check guestions that are sampled for conformance with the approved WA and those that are designated SRO-only (WA and license level mismatches are unacceptable). 5.
- 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?
- At a minimum, explain any "U" ratings (e.g., how the Appendix B psychometric attributes are not being met).

ES-4	101						Writ	ten E	xamin	natior	n Revi	iew V	Vork	she <i>et</i>	Form ES-401-9
Q#	1. LOK (F/H)	2. LOD (1-5)	;	3. Psyc	chometi	ric Flaws	3	4.	Job Cont	tent Fla	aws	5. O	ther	6.	7.
	(F/H)	(1-5)	Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only	U/E/S	Explanation
34	f	2												s	
35	h	2							·	s					
66	f	1				Х								U	Any conditions in which it's not just one acc?
37	f	2												s	
68	f	2												s	
69	f	2				Х								?	Why any one of a, b, c? Perhaps multiples or "all of above"?
70	f	2												s	
71	f	2												s	
72	f	2			_									s	
					_						Ins	structi	ons		

[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 - difficul!) rating scale (questions in the 2 - 4 range are acceptable).
- 3.

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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 WA 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).

- Check guestions 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). 5.
- 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?
- At a minimum, explain any "U" ratings (e.g., how the Appendix B psychometric attributes are not being met).

ES-4	101			_			Writ	ten E	xamir	ation	n Rev	iew V	Vork	she e t	Form ES-401-9
	Ι.	I o													-
Q#	1. (F/H)	2. LOD (1-5)	-	3. Psyd	chometi I	ric Flaws	5 	4.	Job Cont	ent Fl	aws I	5. C	ther	6.	7.
	((// /)	(1-3)	Stem Focus	Cues	TIF	Cred. Dist.	Partial	Job- Link	Minutia	#I units	Back- ward	Q WA	SRO Only	U/E/S	Explanation
73	f	2												S	
74	h	2												s	
<i>7</i> 5	h	2												s	
											In	structi	ons		
				•											egarding each of the following concepts.]
1.					•	•			s either (-			-	•	
2.							•		•	(easy	- difficu	!t) ratii	ng sca	le (ques	stions in!he 2 - 4 range are acceptable).
3.	Ch	eck the T T	appropι Γhe ster Γhe ster	riatebo m lacks m or dis	ox if a pos s sufficient stractor	sychoment focus	etric flav s to elic n cues (v is ide it the c i.e cl	entified: :orrect an ues. spe	swer ((e.g., un	clear i	ntent,	more int	formation is needed, or too much needless information). etc).
		+	The ans The One	wer ch	oices ai ore distr	re a coll actors a	ection o re is no	t unrel t credi	ated true ble: sinal	Italse e impl	stateme ausible	ents. distrac	ctors sh	nould be	e repaired, more than one is unacceptable. d assumptions that are not contradicted by stem).
4.	Ch					b conte	′ '	•	` •	, ii trie	арриса	ni can	шаке	unstate	d assumptions that are not contradicted by stem).
	0	ך ד ד	Γhe que Γhe que Γhe que	stion is stion re stion c	s not lín equires ontains	ked to the the recandata data wi	ne job re all of kno th an ur	equirer owledg irealist	nents (i.e ie that is	too sp f accu	ecific fo racy or i	r the c	losed :	referenc units (e.	a, as written, is not operational in content). the test mode (i.e., it is not required to be known from memory). g., panel meter in percent with question in gallons).
5.	<u>Ch</u>	eck que	stions tl	hat are	sample	ed for co	onforma	nce wi	th the ap	proved	d WA an	d thos	e that	are <u>des</u>	ignated SRO-only (WA and license level mismatches are unacceptable).
f.	Ba	sed on t	he revie	ewer's j	judgme	nt, is the	e questi	on as v	vritten (U)nacce	eptable	(requi	ring rep	oair or re	eplacement), in need of (E)ditorial enhancement, or (S)atisfactory?
7.	At a	a minim	um, exp	olain ar	ny "U" ra	atings (e	.g., how	the A	ppendix	B psyc	chometri	ic attril	outes a	are not b	peing met).

Written Examination Review Worksheet Form ES-401-9

	1.	2.	3	3. Psyc	hometr	ic Flaws	3	4.	Job Cont	tent Fla	aws	5. C	ther	6.	7.
Q#	LOK (FIH)	LOD (1-5)	Stem Focus		TIF	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only	U/E/S	Explanation
76	h	2											Х	S	
77	h	2											Х	S	
7 8	f	2											Х	s	
79	h	2											Х	s	
30	h	1		Х									Х	U	Q points at answer, DLO, non discriminatory
31	h	2				x							Х	?/E	Do you do concurrent proc? H "NO" EOP entry cond, with EOP as ans?
32	h	1											Х	U/E	Low LOD, straighforward; can you ask a degraded voltage question?
33	h	2											Х	s	
34	h	2											Х	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).

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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).

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- Check guestions that are sampled for conformance with the approved WA and those that are designated SRO-only (K/A and license level mismatches are unacceptable).
- 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?
- At a minimum, explain any "U" ratings (e.g., how the Appendix B psychometric attributes are not being met).

ES-4	101		_				Writ	ten	Examin	natio	ı Rev	iew \	Vork	she et	Form ES-401-9
Q#	1.	2.		3. Psyd	chometi	ric Flaw	s .	4.	Job Cont	tent Fl	aws	5. 0	Other	6.	7.
Q#	(F/H)	LOD (1-5)	Stem Focus		T/F	Gred. Dist.	Partial	Job- Link	Minutia		Back- ward	Q≡ K/A	SR9 Only	U/E/S	Explanation
B5	h	2										N	х	U/E	Q gives what KA asks. Put power as a variable in stem & diistractors.
В6	h	2												s	
В7	h	2												s	
88	h	2												S	
39	f	2												E	"depressurized"
0	h	2										N		U	Q has nothing to do with KA
31	h	2												s	
32	h	2												s	
33	h	2				х								E	What is the rationale for 26%, why plausible?
1.	Er	nter the l	evel of k	•					and Appe		3 for ad		al inforn		egarding each of the following concepts.]
2.	Er	nter the l	evel of c	difficulty	(LOD)	of eacl	h questi	on usii	ng a 1 - 5	(easy	- difficu	ılt) rati	ng sca	le (ques	stions in the 2 - 4 range are acceptable).
3.	Ch	-	The ster The ster The ans The One	m lacks m or dis wer ch	s sufficie stractor oices a ore distr	ent focu s contai re a coll actors a	is to elic in cues (lection o are is no	it the ((i.e., c of unre t cred	correct an lues, spec lated true ible: singl	cific de /false e impl	etermine stateme ausible	ers, ph ents. distra	rasing ctors sl	, length, nould be	formation is needed, or too much needless information). etc). e repaired, more than one is unacceptable. ed assumptions that are not contradicted by stem).
4.	Ch		The que The que The que	stion is stion re stion c	s not l in equires ontains	ked to t the rec	he job re all of kno ith an ur	equire owled orealis	ments(i.€ ge that is	too sp f accu	ecific for	or the d incons	closed	referenc units (e.	s, as written, is not operational in content). ce test mode (i.e., it is not required to be known from memory). g., panel meter in percent with question in gallons).

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).

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?

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

5.

ES-4	101						Writ	ten E	xamin	atior	ı Revi	iew V	Vork	she et	Form FS-401-9
	1.	2.	;	3. Psyc	hometi	ric Flaws	3	4.	Job Cont	ent Fla	aws	5. C	ther	6.	7.
Q#	(F/H)	2. LOD (1-5)	Stem Focus	Cues	TIF	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= WA	SRO Only	U/E/S	Explanation
34	f	2				х						Х		E	Replace D with "ATC may leave, however the plant plant must be in Mode 4 within 4 hours unless a replacement arrives"
35	f	1												U	non discriminatory
36	h	2												s	333
97	h	2											_	s	
98	h	2				х								E	"C": why would flow increase exceed a thermal limit?
99	f	2												s	
100	h	2												s	
											In	structi	ons		
				[F	Refer to	Section	D of E	S-401	and Appe	endix E	3 for add	ditiona	l inforn	nation re	egarding each of the following concepts.]
1.					٠ ,	,	•		s either (,		` ′		J	
2.					, ,		•		•			•	•	٠.	stions in the 2 - 4 range are acceptable).
3.	Ch	÷	The One	or mo	re distr	actors a	re is no	t credi	ble: sinal	e impl	ausible	distrac	ctors sl	nould be	formation is needed, or too much needless information). , etc). e repaired, more than one is unacceptable. ed assumptions that are not contradicted by stem).
4.	Ch	7	The que The que	stion is	not líni equires	ked to the	ne job re all of kno	equirer	nents (i.e ie that is	too sp	ecific fo	r the c	losed	referenc	t, as written, is not operational in content). ce test mode (i.e., it is not required to be known from memory)g., panel meter in percent with question in gallons).
5.															sianated SRO-only (K/A and license level mismatches are unacceptable).
f.				•	•		•		•	-	-		•		eplacement), in need of (E)ditorial enhancement, or (S)atisfactory?
7.	At a	a minim	um, exp	lain ar	y "U" ra	atings (€	.g., how	the A	ppendix l	3 psyc	hometri	c attril	outes a	are not b	being met).

Changes to Pilgrim 2009 NRC written exam based on NRC review

- 1. Typo corrected in stem
- 6. Changed work "Auto" to "Automatic"
- 9. Typo corrected in answer "D"
- 15. Distractors "C" and "D" revised
- 16. Revised stem
- 19. Revised justification for answer "C"
- 20. Revised word "Other" to "other"
- 22. Replaced question new KA
- 37. Changed "RX to "reactor"
- 46. Removed word "they" from stem
- 49. Typo corrected in answer "C"
- 51. Revised question stem
- 80. Revised question and answers
- 82. Revised question and answers
- 85. Revised question and answers
- 89. Typo corrected in stem
- 94. Revised distractor "D"
- 95. Replaced question new KA
- 98. Changed word "flow" to "power" in stem.

Changes to Pilgrim 2009 NRC operating exam based on NRC review

ADMIN JPMs

ALL - Minor enhancements made to clarify cues and answer keys.

SIMULATOR & IN-PLANT JPMs

- ALL Minor enhancements made to clarify cues and answer keys.
- JPM S-5 At step 20, added an additional isolation valve failure when group 3 isolation occurs
- JPM S-8 At step 8, revised to separate and identify that actuating the trip reset switch is a non-critical step.
 At step 12, identified hat placing the APRM mode switch to the "test power" position is the only critical portion of the step.

SCENARIOS

- ALL Minor enhancements made to cues and operator action descriptions
- Scenario #2 Event #5, added a failure to close for RWCU valve 1201-2 (INBD ISOL VLV).

Added in the script, a potential critical task to vent containment before exceeding the PCPL.