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## ATS/IITS STUDY GUIDE

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1. When must an ATS/IITS wayside signal inductor type warning be acknowledged?

- A:** When the cab signal changes to a more restrictive indication.
- B:** When the cab signal changes to a less restrictive indication.
- C:** After passing a block signal indication that is less than clear.
- D:** If a block signal indication is better than clear.

**REF:** AMT-3 7.3.1

2. What is the function of the Cab Signal transfer switch on Locomotives equipped?

- A:** It is used for operation in dark territory.
- B:** It is used to select the Train Control System to be used on the locomotive (Either ATC or IITS) territory.
- C:** This switch is used to cut out ATS(IITS) when a ATS(IITS) failure has occurred.
- D:** All of the above.

**REF:** AMT\_3 7.1

3. What is the indication of an impending penalty when operating in ATS/IITS territory?

- A:** Audible alarm sounds for 3 seconds.
- B:** Time to penalty indication.
- C:** Bell rings one to three times.
- D:** Audible alarm sounds and visual indication illuminates.

**REF:** AMT-3 7.2

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4. How is an ATS warning normally acknowledged when operating in IITS territory?

- A:** By activating the acknowledgement button within 8 seconds.
- B:** By activating the acknowledgement button within 10 seconds.
- C:** Moving the ABV to 'Suppression' position within 15 seconds.
- D:** By depressing the penalty 'reset' button located in Control Area 1.

**REF:** AMT-3 7.2

5. How is it determined when ATS/IITS has been properly tested?

- A:** Examine MAP 101- Daily Inspection Report.
- B:** Check MAP 100 - Equipment Condition Report.
- C:** Check MAP 1173 - Air Brake Inspection & Test Certificate.
- D:** Perform your own test whenever taking charge of a locomotive.

**REF:** AMT-3 7.3

6. Which of the following is a step to recover from an ATS/IITS penalty brake application with P-40/P-42 locomotives?

- A:** Move the ABV handle to 'Emergency' position.
- B:** Move the Cab Signal Transfer Switch to the 'Cab Signal' position.
- C:** Depress and hold the ATS reset button for at least two seconds and acknowledge.
- D:** Place the 'Cab Territory' Switch to the 'IN' position.

**REF:** AMT-3 7.3

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7. Which of the following is considered an ATS failure after passing a signal within ATS (IITS) limits which requires acknowledgment?

- A:** Audible alarm fails to sound.
- B:** Failure to acknowledge results in a penalty application.
- C:** ATS light illuminates.
- D:** All of the above.

**REF:** AMT-3 7.4

8. What must be determined when performing the ATS/IITS Departure Test?

- A:** Without acknowledging the alarm move the ABV handle to 'Suppression' within eight (8) seconds to forestall a penalty application.
- B:** Penalty brake application will be initiated if alarm is not acknowledged after releasing brakes.
- C:** Ability to recover from a penalty application.
- D:** All of the above are correct.

**REF:** AMT-3 7.3

9. How is a ATS penalty suppressed after passing a signal requiring acknowledgement?

- A:** By activating the acknowledgement button within 8 seconds.
- B:** By activating the acknowledgement button within 10 seconds.
- C:** Moving the ABV to 'Suppression' position within 8 seconds.
- D:** Both A and C are correct.

**REF:** AMT-3 7.3.2

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10. An ATS failure:

- A:** Must be promptly reported to the train Dispatcher and the CNOC mechanical desk.
- B:** Must be recorded on the MAP 1173.
- C:** Must be recorded on the MAP 100.
- D:** Both A and C are correct.

**REF:** AMT-3 2.1.8, 7.3.5

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ANSWERS	
1.	C
2.	B
3.	D
4.	A
5.	B
6.	C
7.	A
8.	D
9.	D
10.	D