



CBTA

Lock Out Tag Out & Isolations

SP/TRN/TM78

Candidate's Name: _____

Candidates Signature: _____

Assessor's Name: _____

Assessor's Signature: _____

Date Completed: CBTA Reassessment: ____/____/____

Written

Question	Answer	Assessor check
<i>LOCK OUT/TAG OUT QUESTIONS</i>		
1. What information does the Isolation Danger Tag contain? And what is its function?		
2. What is the function of Isolation Locks? Describe them.		
3. What is the function of Personal Locks? Describe them.		
4. What is the function of the Permit Authority lock? Describe them.		
5. Describe the Isolation application process.		
6. Describe the Isolation Removal/De-isolation process.		

ISOLATIONS- GENERAL		
7. Describe the key criteria that the isolation process must achieve.		
8. Describe the differences between a single valve isolation and a double block and bleed? And what additional requirement does a single block and bleed isolation require?		
9. Describe the precautions required if a remotely operated or motorised valve is used for isolation		
10. Describe other types of isolation methods that exist.		
11. Describe what should be considered in developing a Non-Standard isolation risk assessment.		
12. Where are isolations recorded?		
13. What should be considered when planning an isolation		
14. How is an Isolation List Prepared?		

15. Describe how isolations are verified?			
16. When can a de-rated blind be used?			
PERSONAL ISOLATIONS			
17. Who can put on a Personal Isolation?			
18. How many isolations can be put in place under the personal isolation system?			
19. Who can remove Personal Locks?			
ISOLATIONS			
20. When are Isolation Lists used?			
21. What are some types of Electrical Isolations?			
22. Explain how a Simple Electrical Isolation is confirmed?			
23. What is the difference between a simple and a complex electrical isolation?			
24. What is the difference between ELV, LV and HV electrical equipment?	IEC Voltage range	AC (Vrms)	DC (Vrms)
	High Voltage		
	Low Voltage		
	Extra Low Voltage		

Oral

Question	Answer	Assessor check
<i>ISOLATIONS- GENERAL</i>		
25. Where is the Isolation list kept once the Isolation is in place?		
26. What is the function of the Central Control Point?		
27. What are the typical energy sources that are required to be isolated?		
28. When is a Positive isolation required?		
29. How is a Positive isolation achieved?		
<i>ELECTRICAL ISOLATIONS (SIMPLE)</i>		
30. Who can draw up, witness and perform Simple Isolations?		
31. What role can a person with the Isolations authorisation play in a Complex isolation?		

Demonstrative

Question	Assessor check
<i>LOCK OUT TAG OUT</i>	
32. Candidate to demonstrate the use of various isolation securing devices at the request of the assessor, from closing and locking valves to isolation of electrical equipment (where possible)	

ISOLATIONS	
33. Prepare an isolation pack <i>(or provide evidence of)</i> an isolation of equipment at the request of the assessor.	
34. Prepare an isolation pack <i>(or provide evidence of)</i> an isolation and blinding out of a piece of plant at the request of the assessor	
ELECTRICAL ISOLATIONS (SIMPLE)	
35. Prepare an isolation pack <i>(or provide evidence of)</i> a simple electrical isolation at the request of the assessor	

The candidate is assessed as being:

Competent

Not yet competent

Areas requiring improvement:

For first time candidates only:

Department Manager's name: _____

Department Manager's signature: _____

Date: ____/____/____