

APPENDIX A

CERTIFICATION EXAMINATION BLUEPRINT

DOMAIN AND TASK	FINAL
A. Assessing Project Risk	11%
A.1 Identify Phases of Job for Safety	
A.2 Identify Hazards and Control Measures for Each Job Phase	
A.3 Assess Employee Health Risk	
A.4 Conduct Site Visit	
B. Create Safety Plan Based on Project Risk Assessment	11%
B.1 Develop Site-Specific Safety Plan	
B.2 Ensure Compliance with Regulations	
B.3 Establish Internal Traffic Control Plan	
B.4 Establish Temporary Traffic Control Plan	
C. Implement Operational Safety Plan	64%
C.1 Communicate with External Stakeholders	
C.2 Communicate with Employees	
C.3 Communicate with Subcontractors	
C.4 Implement Temporary Traffic Control	
C.5 Implement Internal Traffic Control	
C.6 Implement Confined Space Safety	
C.7 Implement Fall Prevention Safety	
C.8 Implement Excavation Safety	
C.9 Implement Equipment Safety	
C.10 Implement Utility Safety	
C.11 Implement Lifting and Rigging Safety	
C.12 Implement Night Work Safety	
C.13 Implement Health Hazard Controls	
C.14 Implement Overhead Hazard Controls	
C.15 Implement Safety Controls for Working Near Water	
C.16 Implement Welding and Cutting Safety Controls	
C.17 Implement Emergency Response Plans	
C.18 Implement Hazard Communication Plan	
C.19 Implement Site Security	
C.20 Implement Environmental Incident Controls	
C.21 Implement Public Protection	
C.22 Implement Fire Protection and Prevention	
C.23 Identify Appropriate PPE	
D. Conducting On-Going Evaluation of Operational Safety Plan	8%
D.1 Evaluate Operational Safety Plan	
D.2 Act on Deficiencies (and Successes) in Operational Safety Plan	
D.3 Measure Outcomes	
E. Conduct Incident Investigations	6%
E.1 Identify Cause of Incident	
E.2 Take or Recommend Corrective Action	