





1. Appoint a competent person to carry out risk assessment for the confined space and make recommendations. After issuance of permit-to-work certificate, only certified workers shall enter therein.



2. Carry out atmospheric test to ensure that the atmospheric environment meets the required standard.



3. Ensure that the confined space was thoroughly cleaned, isolated and maintained with good heat dissipation and ventilation.



4. Suitable personal protective equipment and rescue equipment should be provided and maintained for readily use.



5. Before working in the confined space, provide all workers with appropriate training to ensure that they are familiar with the relevant safety measures and emergency procedures.



6. Certified workers should wear approved breathing apparatus and suitable safety harness.



7. Set up video recording at the entrance and exit of the confined space and consider adopting appropriate Smart Site Safety System, e.g, real-time gas detectors and alarm device, to strengthen the supervision.



8. In case changes are observed in the working environment and construction process, stop the works, reassess the risks and take appropriate precautionary measures.



DYNAMIC RISK ASSESSMENT BEFORE ENTERING A CONFINED SPACE