

UNDERGROUND SOLVENT STORAGE TANK



Client: Zeroloc

Value: Confidential

Description: SDE was asked to verify the design of a tank truck unloading facility with an underground pentane storage tank and confirm that it would meet all applicable fire and safety codes. Typically this material is stored in above ground pressure vessels, not underground atmospheric tanks.

Scope: SDE based its evaluation on a summary of the BC Fire Code, provided P&ID's, datasheets and production information, vendor communication and specifications as well as general knowledge of similar installations for fuelling applications. SDE developed a modified design concept then completed detailed design, equipment specification, permitting, purchasing as well as construction and commissioning assistance.