

## HYDROGEN RECIRCULATION SKID

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Client: QuestAir Technologies

Description: SDE provided full EPCM services for the design, specification, installation and commissioning of a new Hydrogen Recovery System to reduce QuestAir's operating costs at their NRC testing facility. The new system is capable of recovering the exhaust gases from the QuestAir's PSA testing rigs, re-mixed, re-compress and store them for reuse. The recovery system reduced dramatically the costs associated with the usage of pure gases for the long duration tests conducted to prove the new generation of PSA. Technical considerations included vibration and noise control as the compression system was installed on the roof of an existing building.