

Oil & Gas Operations Where Diesel Engine Runaway Can Occur

Fracking
Drilling
Refineries
LNG Sites
Tank Storage
Fuel Hauling
Well Servicing
Offshore Operations



IEC & MTU Test Program: Runaway is No Longer a Theory

In 2017, IEC and MTU completed an extensive set of tests using an MTU 12V 4000 (2105 kW) engine where methane gas was injected at a controlled and increasing rate. The results illustrated how rapidly the engine can run out of control on relatively low gas concentrations. The complete IEC paper will be available to the public in 2018.

- Runaway can begin within 2-8 seconds of gas being sucked into the intake system.
- Runaway can occur at low gas concentrations—sometimes at only 22% of LEL.
- There is no margin for error if engine shutdown is dependent on human or manual operation.

