

Eliminating 1.2 Gigatons of CO2 from Crude Oil Tanks

Crude Oil Tank Inspections create 1.2 Gigatons of CO2 emissions annually

Problem:

45,000 Crude oil holding tanks are in service at refineries and holding facilities globally. The emissions created because of internal integrity inspections represent 1.2 gigatons of CO2 emissions annually. This negatively impacts the air quality of surrounding communities.

Solution:

We are currently focused on a robotic solution which keeps the tank sealed during inspection. This eliminates 80% of the CO2 emissions and nearly all the dangerous confined space entry.

Impacted Community:

Initially we are focused on engagement in the Mobile, Alabama region which has large petrochemical industry. These facilities are located within these communities and directly effect air quality.

