

GAS FREE CLEARANCE / GAZDAN ARINDIRMA İŞLEMLERİ

Whether you are conducting regular maintenance, hot work, cold work or construction within tanks, lines, barges or vessels, the safety of your infrastructure and personnel is of paramount importance. Our gas free inspections allow your staff to operate in a safe environment, ensuring that the status of all enclosed spaces is properly assessed and monitored and enabling the issue of a permit-to-work as part of standard safety procedures.

ENGİN DENİZ provides expert supervision of purging and conditioning in preparation for loading and gas-freeing operations of bulk liquid tankers and chemical gas and LNG carriers. This supervision involves close monitoring of all physical parameters, such as oxygen and gas content, dew point, pressure and temperature. We will also manage all aspects of the final analytical testing and certification of the tank atmospheres to determine that these have been purged or gas-freed to the required specifications.

FUMIGANT RESIDUES FREE / İLAC KALINTILARINDAN ARINDIRMA

We provide the safe removal and disposal of phosphine fumigation residues.

We are also able to test airspace for low oxygen levels and other trace gases.

At the end of the fumigation exposure period, the amount of gas remaining inside the fumigation danger area must be reduced to a safe level for workers to handle the fumigated product. This must be done because, in a successful fumigation, the concentration of phosphine remaining inside the enclosure can kill human beings.

These areas can be declared 'safe to enter' only after fumigant gas levels have fallen to, or are below, the TLV for the fumigant used.