



**PEMEX Platform
Gulf of Mexico**

the challenge

PEMEX required a solution to address the domestic waste that was produced on their oil platform located in the Gulf of Mexico.



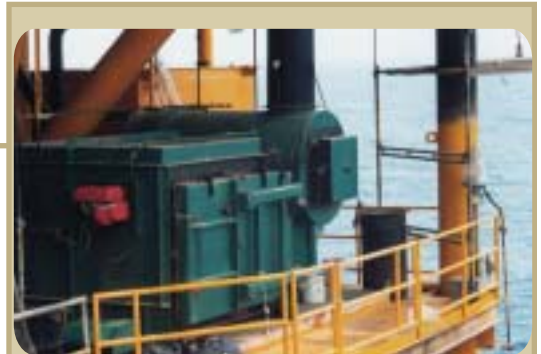
Petróleos Mexicanos (PEMEX), Mexico's state-owned petroleum company, owns and operates many offshore oil exploration and production facilities. Their existing oil platform: Plataforma-Ku-A Ciudad del Carmen, operating in the Gulf of Mexico, had an on-rig staff of approximately 200 workers. International and Mexican environmental regulations prevent drilling platforms from disposing of waste at sea. The oil rig, located miles off-shore, needed an environmentally responsible solution to dispose of its garbage that is composed of food waste, packaging materials, oily rags and filters. □

our solution

Following a review of the options available to them, PEMEX management and engineers chose the Eco Waste Oxidizer (ECO Model) as the optimum waste processing solution for the oil



This **ECO Model** was custom designed to fit within the small space available on the platform deck. This innovative retrofit required minimal modifications to the platform structure. □



the results

Convenient Solution

1000 lbs of domestic waste produced daily on the oil rig is reduced by 90-95% producing clean ash that requires very little storage space. This process allows for convenient removal of the ash whenever supply vessels are leaving the platform. □

Health Protection

Workers living on the platform avoid health issues that can arise from vermin associated with waste storage, or disposal at sea attracting dangerous marine life. In addition, the rig is free of smoke and pollution that can cause respiratory illness for the workers. □

project information

- Location:** Gulf of Mexico
- Model:** ECO 1T
- Capacity:** 1000 lbs per day
- Waste Type:** Domestic Waste
- Installation:** 1997