



Yabucoa Refinery



OWNER | Shell Chemicals Yabucoa, Inc.

LOCATION | Yabucoa, Puerto Rico

FACILITY TYPE | Petroleum refinery

PROJECT BACKGROUND

Brandenburg completed the asbestos abatement, environmental remediation, and demolition of a retired petroleum refinery located in Yabucoa, Puerto Rico, on 252 acres.



Brandenburg utilized high reach excavators equipped with hydraulic shears and/or grapple attachments to raze the buildings. Brandenburg prepared and segregated materials for off-site recycling minimizing the amount of materials that needed to go to a landfill.



Structural steel towers, columns and structures were removed utilizing Brandenburg's specialized felling procedure. Once the razing of the structures were completed, hydraulic excavators with a shear attachment was used for process and recycling of the material. Brandenburg also utilized controlled explosives to demolish the 350-foot concrete stack.

The refinery and tank areas were dismantled safely and efficiently in nine months.



SCOPE OF WORK

Asbestos abatement

Utility disconnection

Removed interior lead-coated materials

Universal waste removal

Tank demolition

Structural demolition

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