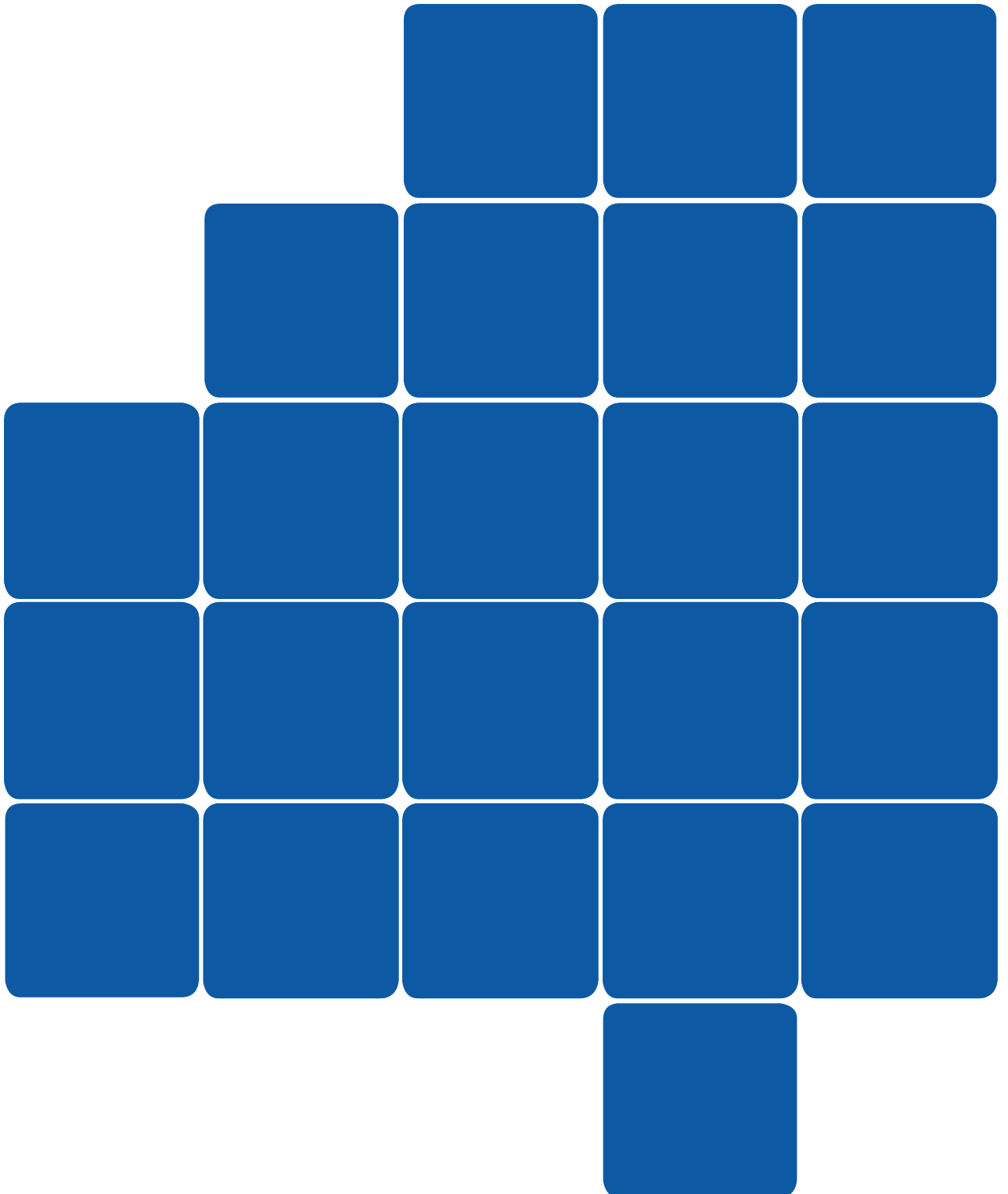




CLEANING PITS REFERENCES

Cleaning accumulation ponds at Petronor Refinery in Muskiz



Years: 2009-2013

Cliente: Petronor

Location: Muskiz, Spain

Volume: Volume 24,600 m³ of extracted and centrifuged sludge

Equipment: Flottweg Z4 three-phase centrifugation module, Alfa Laval Lynx35 ATEX three-phase centrifugation module, submersible ATEX robot for the extraction of sludge, sludge pre-conditioning tank with a capacity of 60 m³ and other auxiliary equipment (heat exchangers, dehydrated sludge decanting pumps, mobile workshop, etc.)

Description: Extraction and centrifugation of oily sludge originating from accumulation ponds No. 1, No. 2, No. 3A/B. Final treatment by high-temperature anaerobic thermal desorption of the outlet sludge from the centrifuges.



