



Tank Repair & Maintenance



blancocon

The Enviro Services Specialists



FIRST :cleaning with cheaper, faster and with less operational complexity

- ▶ Far less expensive tank cleaning methodology. Manual & Automated
- ▶ Faster service by eliminating expensive processing steps associated with other techniques
- ▶ Reduction in the amount of waste generated
- ▶ Fewer number of temporary storage vessels required to store sludge during the service
- ▶ Less manpower and equipment required to accomplish the job
- ▶ Eliminates the need for extremely expensive dewatering and/or diluent recovery equipment
- ▶ Ability to keep sludge suspended and pumpable for further processing (to a coker for example)

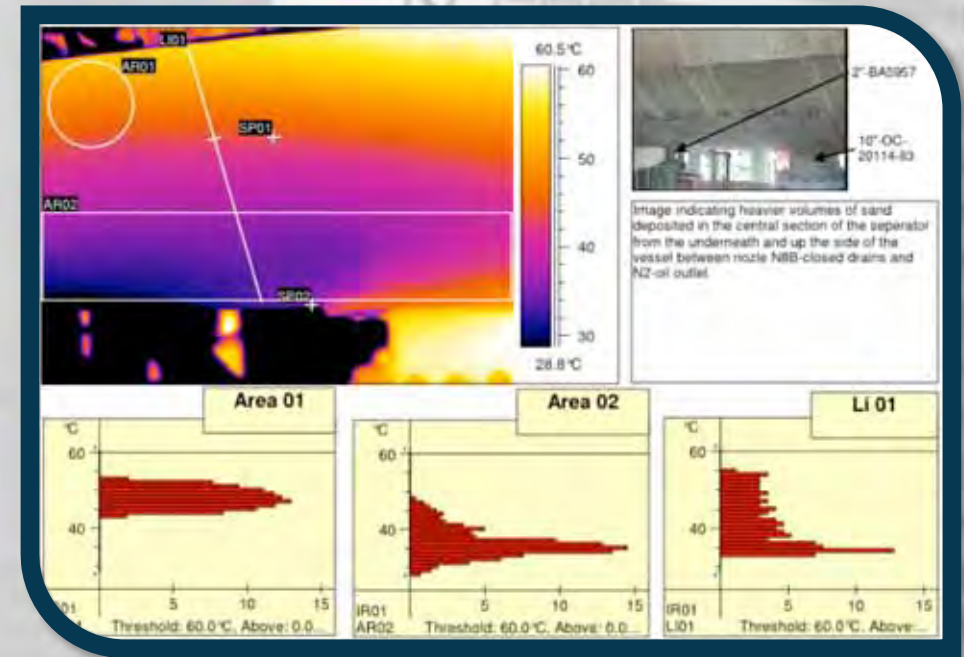


Blancon can help reduce the often undocumented cost of processing tank bottom sludge once it is out of the tank, reducing the total cost tank cleaning



SECOND: Inspection according to API 2207 and API 653

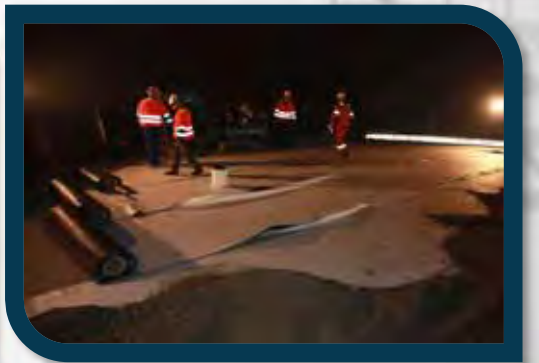
- ▶ Blancon delivers independent inspections by certified inspectors from Bureau Veritas. (*tank foundation, bottom, shell, structure, roof, attached appurtenances, and nozzles to the face of the first flange, first threaded joint or first welding-end connection*).
- ▶ In house latest thermal imaging equipment for predictive maintenance and inspection programs
- ▶ Non destructive Testing & Inspection
- ▶ Cold cutting for bottom inspection and gas freeing



Thermo imaging of a knockout tank at a refinery

THIRD phase: No works are too big for us

- ▶ Examples from some works: Fabrication, Installation, Welding, Sand Blasting, Hydroblasting



THIRD phase: Bottom repair & sealing

- ▶ Repair without "jacked" tank at a major storage terminal in Europe

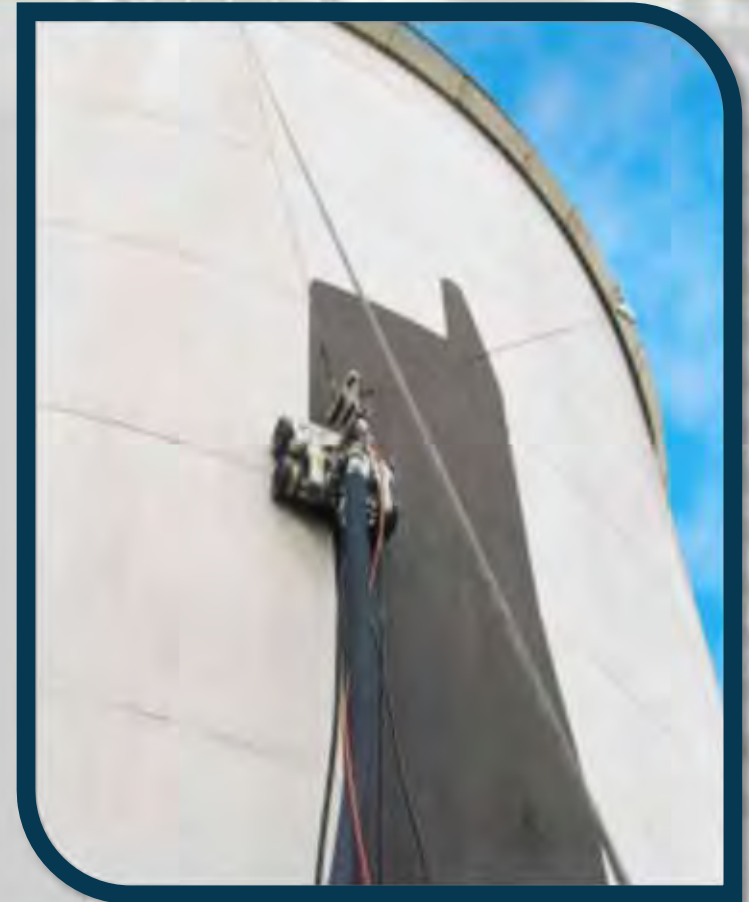


THIRD phase: Tank repair and coating

- ▶ Reparation and application of coating to the tank exteriors, including shell, roof, access ladders and the associated pipework
 - Airless sprays, plural-component equipment, and hand laid reinforcement of tank and containment structures
 - Vacuum blasting and application of special coatings
 - Seam checking, tank inspections and NTD thickness testing

- ▶ Anti corrosion treatment of tanks and equipment

- ▶ Use of robotic equipment and hydroblasting to efficiently prepare surfaces. No need for sand blasting



ROBOT at work with ultra high water pressure

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- ✔ Blancon is a leading provider of industrial support, and maintenance solutions, delivering premium quality, technology-based services
- ✔ Our highly qualified, multi-craft personnel are ready to respond to our customers' needs 24-hours per day, 365 days per year
- ✔ Blancon is headquartered in Madrid, Spain, and through highly mobile service crews, works with our partners in Mexico, Libya and Egypt to serve markets throughout the world



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