



# Brazil Shipyard Flushing Services

Success Story Subsidiaries

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# Brazil Shipyard Flushing Service

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- Background:
  - Platform 74 (P-74). FPSO for Petrobras, constructed by EBR in Rio Grande do Sul Shipyard.
  - Three different stages for Chemical Cleaning and Flushing Services. Three different bidding process.
  - We got first order in 2016 for lubricating system flushing and We adjusted our proposal focusing on **lower time execution** and **best cleanliness achieved for hydraulic systems**. We got a PO.
  - We executed both change orders.

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FPSO P-74

Limpieza Química y Flushing en Sistemas Hidráulicos  
Realizado en 65% do tempo programado

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- Project:
  - Chemical Cleaning and Flushing Service of all Hydraulic Circuits during Construction and Commissioning.
  - Customer: EBR Shipyard.
  - 1 Project Leader plus 10 Flushing Technicians for 4 months.
  - Change Orders:
    - More hydraulic systems flushed.
    - Diesel filtration.
    - Water removal.



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Operation Leader: Ricardo Bispo

Project Leader: Alexandre Adao

Technicians: Valdinei Silva; Dair Schmeling, Bruno Seki, Cândido Piropo, Adair Roque, Eliomar Monteiro, Valdemir Silva, Rodrigo Cardoso, Lucas Santos.

# Thank You

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## Questions?

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