

# Nghi Son Refinery and Petrochemical Complex



**PROJECT:** Nghi Son Refinery and Petrochemical Complex

**CLIENT:** SK Engineering & Construction

**LOCATION:** Vietnam

**APPLICATION:** Oily water treatment (onshore)

**PACKAGE:** Corrugated plate interceptors, treated water tank including treated water pumps and skimmed oil pumps

**CAPACITY:** 1950 m<sup>3</sup>/hr

**PERFORMANCE GUARANTEE:**

Total (free) Oil: 5000 inlet to <10 mg/L

Total Suspended Solids: 50 inlet to <25 mg/L

“Nghi Son Refinery is second largest refinery in Vietnam. Nghi Son refinery is designed to have a capacity of 10 million tons of crude oil per year with possibility to increase the capacity to 20 million tons. The productivity of refining is based on the quality and quantity of steam produced by the boiler. In order to achieve the maximum efficiency in the boiler, the boiler feed water should be free from contaminants that causes scaling, corrosion and oil coating that will reduce the heat transfer efficiency. CECO Peerless supplied the oily water treatment system to enhance the quality of boiler feedwater to increase the heat transfer efficiency to achieve optimal boiler performance. CECO Peerless CPI separator technology is supplied as unique treatment option to treat the re-turn boiler feedwater to meet the required feed water quality for superior performance.”

