

The study of the possibilities of fuel oil recovery in loading platforms of petroleum products

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Abstract. Important amounts of petroleum products that could be recovered result during the discharging and cleaning-up operations of railway tanks containing heavy petroleum products such as fuel oil, as well as from accidental and operational spills and leakages.

Recovered petroleum product (RPP) is contaminated with the water resulted from the condensation of the steam used for emptying the railway tanks. This paper presents the principal aspects regarding chemical analysis of this type of recovered petroleum product, as well as characteristic analytical data of the quality of the separated water resulted after petroleum product recovery. Furthermore, a separation and recovery block scheme for petroleum products such as gas oil and fuel oil was also intended.

Keywords: recovered petroleum products (RPP), fuel oil, water pollution, activated sludge, Peat sorb, Spill sorb
