CASE STUDY - HALUL

REFINERY TANK CLEANING

PROJECT STATS:

8 TOTAL PROJECT DAYS TO COMPLETE FULL WASTE EXTRACTION AND CLEANING FROM 2 METRES DOWN INCLUDING TANK FLOOR

5 DAYS (9 SHIFTS) TO DELIVER A FULL 111 METRIC TON OF WASTE REMOVAL

3 DAYS (6 SHIFTS) TO DELIVER A FULL TANK CLEAN.

ALL WASTE TESTED FOR NORM AND TAGGED ACCORDINGLY

8 Days

FULL WASTE EXTRACTION AND TANK CLEANING

111mt

TOTAL WASTE REMOVED FROM THE TANK (22.2MT PER DAY)

VAC UNITS

2 X 100 HP VAC UNITS UTILISED AT SEPERATE HATCHES

CASE STUDY - QATAR

REFINERY TANK CLEANING

	MSIS	MARKET
MAN POWER REQUIRED	7	13-18
PROJECT TIMESCALE (DAYS)	18	44
TOTAL WASTE REMOVED	105 Metric Ton	13 Metric Ton
PER 12 HOUR SHIFT	5 Metric Ton	1 Metric Ton

60%

MORE EFFICIENT WHEN COMPARING PROJECT DAYS WITH NEAREST COMPETITOR

NORM FREE

TREATING NORM AT SOURCE = NO ADDITIONAL TREATMENT COSTS

TECH

CONTRACT AWARDED BASED ON THE TECHNOLOGY MSIS COULD OFFER

CASE STUDY - NIGG Oil Terminal

REFINERY TANK CLEANING

PROJECT SCOPE

To remove all waste from a 250,000bbl Ballast Tank containing a client estimate of 1500m3 of waste with the instruction that all crude oil was to be recovered and pumped to a Cargo Oil Storage Tank on site. This included a full intrusive cleaning phase using trained operatives after pumping down to hatch level.

4.5X

DELIVERED 6975m3 OF TOTAL WASTE EXTRACTION AGAINST A CLIENT ESTIMATE OF 1500m3

+£

6815m3 OF WASTE WAS RECOVERED AS CRUDE OIL WHICH MINIMISED DISPOSAL COSTS

A-Z

FULLY MANAGED SERVICE FROM WASTE EXTRACTION, CLEANING AND WASTE TREATMENT