Drydocks World-Dubai	PRODUCT / SERVICE DEMONSTRATION REPORT	Drydocks World

1. INFORMATION

1.1 Product Supplier / Company:

1.1.1 Innovative Total Solutions Australia Pty Ltd (ITSA); with
1.1.2 Blackmore Sands (BS)

1.2 Demonstrators:

1.2.1 Mr. Daniel Mitroussidis – ITSA Director
1.2.2 Mr. Aaron Blackmore – BS General Manager

1.3 Products Used for Demonstration:

1.3.1 CI Agent – Styrene-Butadiene-Styrene Polymer
1.3.2 CI Agent – Kleen n Dry ER

1.3.3 Hydrocarbon Detector Strip

1.4 Observers:

1.4.1 Allan – DDWD, Environment Department
1.4.2 Zeeshan – DDWD, Environment Department
1.4.3 Mathew – DDWD, Business Excellence Department
1.4.4 Joseph – DDWD, Waste Management Department

1.5 Venue, Date and Time:

1.5.1 Venue: Skip Storage Area, Drydocks World – Dubai (DDWD), Dubai, UAE
1.5.2 Date: 16th of November 2015
1.5.3 Time: 1430 hours

2. PURPOSE:

2.1 To demonstrate the effectiveness and efficiency of CI Agent products during an oil spill cleanup.

3. ORIENTATION

3.1 Waste Management Department (Mr. Joseph) was informed of the demonstrators' arrival in DDWD.

3.2 ITSA and BS demonstrators were both safety briefed in Environment Office prior to proceed to demonstration area.

3.3 ITSA and BS demonstrators discussed the demonstration process and requirements to DDWD observers.

4. DEMONSTATION SUMMARY – Polymer (see 1.5.1)

4.1 A readily available drip tray was used and partially filled up with water.

4.2 A strip of hydrocarbon detector was used to check whether the water contains oil or not; the result was negative.

4.3 Oil was poured onto the drip tray containing water.

4.4 A strip of hydrocarbon detector was used to check the presence of oil in the; the result was positive.

4.5 Mr. Aaron dispensed the Styrene Polymer at the outer part of the oil to show the effectiveness of the product during the containment of oil; then all over the oil contained area.

4.6 As soon as the oil contained area has been fully dispensed with the product, it was observed that the oil has started getting solidified by the product.

4.7 Mr. Aaron has started collecting the solidified oil spill to the corner of the drip tray as the end product.

4.8 Mr. Aaron collected the end product from the drip tray and round-formed it in his hand.

4.9 A hydro carbon detector strip was used and inserted in different portion of the round-formed end product; and the result was negative.

5. DEMONSTATION SUMMARY – Kleen (see 1.5.2)

5.1 A small amount of oil was poured on the concrete floor.

5.2 Mr. Aaron dispensed some amount of Kleen onto the oil on the floor.

5.3 The product containing with oil was collected.

5.4 The product containing with oil was removed and disposed in garbage bag.

6. OBSERVATION and IMPRESSION

6.1 Polymer was found efficient as it immediately prevents the oil from spreading.

6.2 Polymer has the capability to absorb 100% of oil and solidify it so quick.

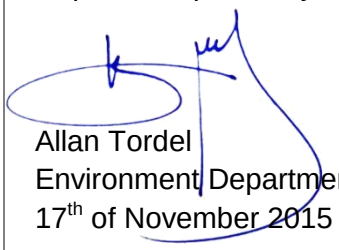
6.3 The solidified end product was analyzed with the use of hydrocarbon detector strip and found non-contained oil.

6.4 Polymer can be used and applied for both dry land and water surfaces.

6.5 The overall impression on the usage of Kleen product although it was also found effective, was not that much interesting compare to the Polymer.

6.6 For more product details, kindly refer to the product brochure and respective MSDS.

Report Completed By:



Allan Tordel
Environment Department
17th of November 2015