

SGS

INTERNATIONAL TEXTILE LIMITED

**REPORT OF WASTE WATER
SAMPLING & ANALYSIS**

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**SGS PAKISTAN (PVT) LTD.
ENVIRONMENTAL SERVICES**

REPORT OF SAMPLING & ANALYSIS OF WASTE WATER

DESCRIPTION OF SERVICES : ENVIRONMENTAL MONITORING w.r.t
▪ WASTE WATER SAMPLING & ANALYSIS

SAMPLING SITE : KORANGI INDUSTRIAL AREA

DATE OF INTERVENTION : NOVEMBER 13, 2013

ACCOUNT / CLIENT : INTERNATIONAL TEXTILE LIMITED

Introduction:

In accordance with the instruction received from client, we attended their advised location at Korangi Industrial Area – Karachi on November 13, 2013 for collection of waste water sample from the identified point.

Sampling & Analysis of Waste Water:

▪ **Sampling Exercise:**

01 Composite waste water sample was collected from the client's identified sampling point (ETP Outlet) and preserved as per specified protocol and brought to SGS office for chemical analysis.

▪ **Chemical Analysis:**

Detailed analysis report of waste water is attached as **Annexure A**, which forms an integral part of this report.

- Issued without prejudice.
- Our services carried out in accordance to the General Conditions of Services.



SGS PAKISTAN (PVT) LTD



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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company.

Nº 410786

CHEMICAL LABORATORY

TEST REPORT

Client Name : International Textile Ltd.
Sampling Location: Plot No. 12 & 27, Sector 20 Korangi Industrial Area, Karachi.
Description Of Sample : Waste Water
Marking (If Any) : ETP Outlet **No. Of Sample :** 01
Sample Condition Upon Receipt: Satisfactory **Sample Collection Date:** 13-11-13

| Sr. # | Parameters | Method | Unit | Ldl | Test Results | Limits as per NEQS | ***Limit USEPA/ NPDES |
|-------|---|---------------------------|------|-------|--------------|--------------------|-----------------------|
| 01 | Temperature Difference | - | °C | - | - | *≤3 | ** |
| 02 | pH at 25 °C | APHA 4500H ⁺ B | - | - | 08.07 | 6 – 9 | 6.5-9.0 |
| 03 | Chemical Oxygen Demand (COD) | APHA 5220 D | mg/L | 05.00 | 26.00 | 150.00 | No Limit |
| 04 | Biochemical Oxygen Demand (BOD ₅) | APHA 5210 D | mg/L | 02.00 | 13.00 | 80.00 | 25 mg/l |
| 05 | Solids, Total dissolved (TDS) | APHA 2540 C | mg/L | 05.00 | 1440.00 | 3500.00 | ** |
| 06 | Total Suspended Solids (TSS) | APHA 2540 D | mg/L | 05.00 | 09.00 | 200.00 | 30 mg/l |
| 07 | Chromium (Cr) | APHA 3120 B | mg/L | 0.005 | <0.005 | 01.00 | ** |
| 08 | Copper (Cu) | APHA 3120 B | mg/L | 0.005 | <0.005 | 01.00 | ** |

Remarks: Ldl Means... Lowest Detection Limit. < Means... Less Than.
 NEQS Means ... National Environmental Quality Standard.

*Effluent Temperature should not increase ≤3 °C from receiving body Temperature
 Effluent Temperature = 35 °C Receiving Body Temperature = Not Available

USEPA Means... United States Environmental Protection Agency.
 NPDES Means... National Pollutant Discharge Elimination System.

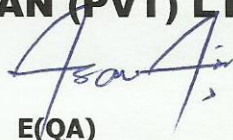
** No effluent limit is set at this time.

*** Limit based on 30-day Average

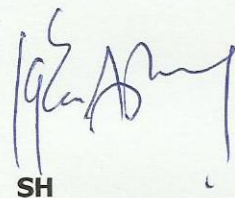
- This report is not valid for any negotiation.
- Our services are in accordance with the general condition of services.
- The remaining portion of the sample (s) will be disposed off after one week unless otherwise instructed.

For and on behalf of,

SGS PAKISTAN (PVT) LTD



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