



# TEST REPORT

**Technical Report/技术报告: (9322)082-1761**

Date Received 收到时间:

Mar 24, 2022

2022年03月24日

Apr 11, 2022

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Factory Company Name:

公司名称:

Factory Address:

公司地址:

Project No.:

项目编号:

Client Reference No.:

客户编号:

Sampling Method:

采样方法:

Sample Pick Up Date:

采样时间:

Wastewater Discharge to:

污水排放至:

On-Site Effluent Treatment Plant

(ETP): 是否有内部污水厂:

Discharge Type:

排放类型:

Off-site ETP name (if

applicable):

外部污水处理厂名称(如适用):

Off-site ETP address (if

applicable):

外部污水处理厂地址(如适用):

Local Regulation: / Ordinance /  
requirements related to wastewater  
discharged are followed:

当地法规: 遵守与废水排放相关的  
法令/要求:

Permit Validation Date:

许可证生效日期:

Parameters Exceeded Local

Regulation :

超过当地标准参数:

Legal compliance:

法律合规性:

Conventional Parameters Overall

Category:

常规参数总体级别:

Test Period:

测试周期:

Sample Description:

样品描述:

Parameters exceeded maximum  
holding time:

超过最大保留时间参数:

Shaoguan Beijiang Smart Textile Technology Co., Ltd.

韶关市北纺智造科技有限公司

D3 Qujiang Economic Development Zone, Qujiang District, Shaoguan City China

韶关市曲江经济开发区 D3 区

N/A

不适用

N/A

不适用

I001) Incoming water/进水 – Grab/抓取

I002) Raw Wastewater 原废水– 6 hours - Time – weighted Composite 六小时加权

I003) Treated Wastewater 处理过的废水– 6 hours - Time – weighted Composite 六小时加权

Mar 24, 2022

2022年03月24日

Centralized ETP

集中 ETP

Yes

是

Indirect Discharge

间接排放

Baitu Wushui Chulichang

白土污水处理厂

Baitu Gongyeyuan

白土工业园

GB 4287-2012

Dec 23, 2020

2020年12月23日

N/A

不适用

Comply

符合

N/A

不适用

Mar 24, 2022 to Apr 11, 2022

2022年03月24日至2022年04月11日

I001) Transparent liquid 透明液体– Incoming water/进水

I002) Dark blue liquid 深蓝色液体– Raw Wastewater 原废水

I003) Light brown liquid 浅棕色液体–Treated Wastewater 处理过的废水

N/A

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**REMARK/备注**

If there are questions or concerns on this report, please contact:  
若有任何疑问或咨询, 请联络:

(86)20-22902088

bvcps\_pyinfo@bureauveritas.com

This report shown the test result of the auxiliary chemical and/or raw material samples, which collected during particular factory audit. The results of this report shall not be used for any regulatory compliance purposes.

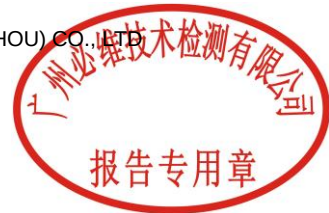
此报告所示为特定工厂审核时收集的化学助剂和/或原材料样品的结果, 此报告的结果不得用于任何遵循法规的目的。

\* The sampling is agreed with client.  
采样已经过客户允许

Coliform was subcontracted items.  
大肠菌群为分包项目

BUREAU VERITAS CONSUMER PRODUCTS SERVICES (GUANGZHOU) CO., LTD.

NINA REN  
SENIOR MANAGER



## Executive Summary

| 1A) Conventional Parameters 常规参数                  | I001 | I002 | I003 |
|---------------------------------------------------|------|------|------|
| Temperature 温度                                    | NR   | NR   | N/A  |
| TSS 总溶解固体                                         |      |      | □    |
| COD 化学需氧量                                         |      |      | □    |
| Total-N 总氮                                        |      |      | □    |
| pH Value                                          |      |      | □    |
| Color [m <sup>-1</sup> ] (436nm; 525nm; 620nm) 色度 |      |      | N/A  |
| BOD <sub>5</sub> 五日生化需氧量                          |      |      | □    |
| Ammonium-N 氨氮                                     |      |      | □    |
| Total-P 总磷                                        |      |      | □    |
| AOX 可吸附卤素                                         |      |      | □    |
| Oil and Grease 油和油脂                               |      |      | N/A  |
| Phenol 挥发酚                                        |      |      | N/A  |
| Coliform 大肠菌群                                     |      |      | N/A  |
| Persistent Foam 可持续性泡沫                            |      |      | N/A  |
| ANIONS – Cyanide 阴离子-氰化物                          |      |      | N/A  |
| ANIONS – Sulfide 阴离子-硫化物                          |      |      | □    |
| ANIONS – Sulfite 阴离子-亚硫酸盐                         |      |      | N/A  |
| 1B) Conventional Parameters –METALS<br>常规参数-金属    | N/A  | N/A  | □    |

### Note / Key :

- – Meet discharge license criteria 符合排放许可标准
- – Exceeding discharge license criteria 超过排放许可标准
- NR – Not Requested / Not required/未要求测试
- N/A – Not Applicable 不适用

| ZDHC MRSL Substances 生产限用物质                                  | I001 | I002 | I003 |
|--------------------------------------------------------------|------|------|------|
| 2A) APs and APEOs 烷基酚及烷基酚聚氧乙烯醚                               | NR   | o    | o    |
| 2B) Chlorobenzenes and Chlorotoluenes<br>氯苯和氯甲苯              | NR   | o    | o    |
| 2C) Chlorophenols 氯化苯酚                                       | NR   | o    | o    |
| 2D) Azo Dyes 偶氮染料                                            | NR   | o    | o    |
| 2E) Carcinogenic Dyes 致癌染料                                   | NR   | o    | o    |
| 2F) Disperse Dyes 分散染料                                       | NR   | o    | o    |
| 2G) Flame Retardants 阻燃剂                                     | NR   | o    | o    |
| 2H) Glycols 乙二醇类                                             | NR   | o    | o    |
| 2I) Halogenated Solvents 卤代溶剂                                | NR   | o    | o    |
| 2J) Organotin Compounds 有机锡化合物                               | NR   | o    | o    |
| 2K) Perfluorinated and Polyfluorinated Chemicals<br>全氟和多氟化合物 | NR   | o    | o    |
| 2L) Phthalates 邻苯二甲酸盐                                        | NR   | o    | o    |
| 2M) Poly Aromatic Hydrocarbons 多环芳烃                          | NR   | o    | o    |
| 2N) Volatile Organic Compounds 挥发性有机物                        | NR   | o    | o    |

### Note / Key :

- – Detected/有检出
- o – Not Detected/未检出
- NR – Not Requested/未要求测试



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## **Objective**

The environment samples were tested for below parameters.

- 1A) Conventional Parameters/常规参数
- 1B) Conventional Parameters – METALS/常规参数——重金属
- 2A) APs and APEOs/烷基酚及烷基酚聚氧乙烯醚
- 2B) Chlorobenzenes and Chlorotoluenes/氯苯和氯甲苯
- 2C) Chlorophenols/氯化苯酚
- 2D) Azo Dyes/偶氮染料
- 2E) Carcinogenic Dyes/致癌染料
- 2F) Disperse Dyes/分散染料
- 2G) Flame Retardants/阻燃剂
- 2H) Glycols/乙二醇类
- 2I) Halogenated Solvents/卤化溶剂
- 2J) Organotin Compounds/有机锡化合物
- 2K) Perfluorinated and Polyfluorinated Chemicals/全氟和多氟化合物
- 2L) Phthalates/邻苯二甲酸盐
- 2M) Poly Aromatic Hydrocarbons/多环芳烃
- 2N) Volatile Organic Compounds/挥发性有机物

## **Sampling Plan**

Basically, Three environment samples were sampled per factory, including 1) Incoming water 2) Discharged Wastewater (raw wastewater) and 3) Discharged Wastewater (treated wastewater). Total number of sample collected will be depended on the actual factory facilities and manufacturing processes.

每个工厂需采集的样品主要有三种 1)进水 2) 排放废水（原废水） 3)排放废水（处理后的废水）。具体每种样品采集数量需根据工厂实际的生产设施和生产流程来决定。

Method of sampling used is time-weighted composite grab samples (agreed with client.). Composite sampling shall be performed for no less than six hours, with no more than one hour between discrete samples. Each discrete sample shall be of equal volume. Wastewater and freshwater samples should, as much as possible, be collected simultaneously, during the time that PU is in normal operation. The sampling shall aim to analyse the snapshot of water quality characteristics of the operating PU. Under no circumstance shall samples be taken during times when the production process is not running or the wastewater is diluted due to heavy rainfall, etc.

采样方法是时间加权混合取样法(经客户同意)。混合取样法必须不能少于 6 小时，每次取样间隔不超过 1 小时，每次取样需要等体积。采样的目的是为了看到工厂在实际运行状态下水质的特点。而当处于生产流程没有运行或废水被大雨所稀释等情况下时不应采集样品

Remark :

- Sampling procedure is with reference to below standards: /采样参考标准流程如下:
  - 1) South Australia EPA Guidelines (June 2007), Regulatory Monitoring and Testing Water and Wastewater Sampling.
  - 2) Australia EPA (Victoria) Guideline (June 2009), Sampling and Analysis of Waters, Wastewaters, Soils and Wastes.
  - 3) ISO 5667-3:2003, Water Quality - Sampling - Part 3: Guidance on the Preservation and Handling of Water Samples.
  - 4) ASTM D3976-92 (Reapproved 2010), Standard Practice for Preparation of Sediment Samples for Chemical Analysis.
- Field on-site photos are attached in Appendix A and field data records are attached in Appendix C.  
现场照片见附录 A，现场数据记录参加附录 C



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## Test Result 测试结果

### 1A) Conventional Parameters/常规参数

#### Temperature/温度

**Test Method** : Measurement by thermometer GB/T 13195-1991  
**测试方法** : 由温度计测量 GB/T 13195-1991

| Tested Item(s)<br>测试项目 | Result<br>结果 | Unit<br>单位    | Conclusion<br>结论 |
|------------------------|--------------|---------------|------------------|
| I003                   | 27.1         | deg. C<br>摄氏度 | DATA             |

Note:

deg. C = degree Celsius (°C)/摄氏度

Discharge License Criteria/排放标准: Not applicable

#### Total Suspended Solids (TSS) / 总悬浮固体

**Test Method** : Reference to GB/T 11901-1989  
**测试方法** : 参考 GB/T 11901-1989

| Tested Item(s)<br>测试项目 | Result<br>结果                                     | Unit<br>单位   | Conclusion<br>结论 |
|------------------------|--------------------------------------------------|--------------|------------------|
| I003                   | 25<br>(Comply with discharge license/<br>符合排放许可) | mg/L<br>毫克/升 | DATA             |

Note 注释:

mg/L = milligram per liter 毫克/升

Discharge License Criteria/排放标准: discharge license: 100 mg/L

#### Chemical Oxygen Demand (COD)化学需氧量

**Test Method** : Reference to HJ828-2017  
**测试方法** : 参考 HJ828-2017

| Tested Item(s)<br>测试项目 | Result<br>结果                                     | Unit<br>单位   | Conclusion<br>结论 |
|------------------------|--------------------------------------------------|--------------|------------------|
| I003                   | 46<br>(Comply with discharge license/<br>符合排放许可) | mg/L<br>毫克/升 | DATA             |

Note 注释:

mg/L = milligram per liter 毫克每升

Discharge License Criteria/排放标准: discharge license: 200 mg/L



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Total Nitrogen (Total-N)/总氮

**Test Method** : Reference to HJ 636-2012  
**测试方法** 参考 HJ 636-2012

| Tested Item(s)<br>测试项目 | Result<br>结果                                       | Unit<br>单位   | Conclusion<br>结论 |
|------------------------|----------------------------------------------------|--------------|------------------|
| I003                   | 1.22<br>(Comply with discharge license/<br>符合排放许可) | mg/L<br>毫克/升 | DATA             |

Note 注释:

mg/L = milligram per liter

Discharge License Criteria/排放标准: discharge license: 30 mg/L

pH Value 酸碱度

**Test Method** : Reference to ISO 10523-2012  
**测试方法** 参考 ISO 10523-2012

| -                        | Unit   | Result                                              |
|--------------------------|--------|-----------------------------------------------------|
| Test Item(s) 测试项目        | -      | I003                                                |
| Parameter 参数             | -      | -                                                   |
| Temp. of sample 样品温度     | deg. C | 27.1                                                |
| pH value of sample 样品酸碱度 | -      | 8.40<br>(Comply with discharge license)<br>(符合排放许可) |
| Conclusion 结论            | -      | DATA                                                |

Note 注释:

Temp. = Temperature/温度

deg. C = degree Celsius (°C)/摄氏度

Discharge License Criteria/排放标准: discharge license: 6-9

Color [ $m^{-1}$ ] (436nm; 525nm; 620nm) 色度

**Test Method** : With reference to ISO 7887-B-2011  
**测试方法** 参考 ISO 7887-B-2011

| Tested Item(s)<br>测试项目 | Result<br>结果   | Unit<br>单位 | Conclusion<br>结论 |
|------------------------|----------------|------------|------------------|
| I003                   | <0.1;<0.1;<0.1 | $m^{-1}$   | DATA             |

Note 注释:

Discharge License Criteria/排放标准: Not applicable



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Biochemical Oxygen Demand (BOD<sub>5</sub>) 五日生化需氧量

**Test Method** : Reference to HJ 505-2009  
**测试方法** : 参考 HJ 505-2009

| Tested Item(s)<br>测试项目 | Result<br>结果                                      | Unit<br>单位   | Conclusion<br>结论 |
|------------------------|---------------------------------------------------|--------------|------------------|
| I003                   | 6.0<br>(Comply with discharge license/<br>符合排放许可) | mg/L<br>毫克/升 | DATA             |

Note 注释:

mg/L = milligram per liter/毫克每升

Discharge License Criteria/排放标准: discharge license: 50 mg/L

Ammonium Nitrogen 氨氮

**Test Method** : Reference to HJ 535-2009  
**测试方法** : 参考 HJ 535-2009

| Tested Item(s)<br>测试项目 | Result<br>结果                                        | Unit<br>单位   | Conclusion<br>结论 |
|------------------------|-----------------------------------------------------|--------------|------------------|
| I003                   | 0.512<br>(Comply with discharge license/<br>符合排放许可) | mg/L<br>毫克/升 | DATA             |

Note 注释:

mg/L = milligram per liter/毫克每升

Discharge License Criteria/排放标准: discharge license: 20 mg/L

Total Phosphorus (Total-P) 总磷

**Test Method** : Reference to GB/T 11893-1989  
**测试方法** : 参考 GB/T 11893-1989

| Tested Item(s)<br>测试项目 | Result<br>结果                                       | Unit<br>单位   | Conclusion<br>结论 |
|------------------------|----------------------------------------------------|--------------|------------------|
| I003                   | 0.05<br>(Comply with discharge license/<br>符合排放许可) | mg/L<br>毫克/升 | DATA             |

Note 注释:

mg/L = milligram per liter/毫克每升

Discharge License Criteria/排放标准: discharge license: 1.5 mg/L



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Adsorbable Organic Halogen (AOX) 可吸附有机卤化物

**Test Method** : Reference to HJ/T 83-2001  
**测试方法** 参考 HJ/T 83-2001

| Tested Item(s)<br>测试项目 | Result<br>结果                                        | Unit<br>单位   | Conclusion<br>结论 |
|------------------------|-----------------------------------------------------|--------------|------------------|
| I003                   | 0.051<br>(Comply with discharge license/<br>符合排放许可) | mg/L<br>毫克/升 | DATA             |

Note 注释:

mg/L = milligram per liter/毫克每升

Discharge License Criteria/排放标准: discharge license: 12 mg/L

Oil and Grease 油和油脂

**Test Method** : Reference to HJ 637-2018  
**测试方法** 参考 HJ 637 -2018

| Tested Item(s)<br>测试项目 | Result<br>结果 | Unit<br>单位   | Conclusion<br>结论 |
|------------------------|--------------|--------------|------------------|
| I003                   | 0.42         | mg/L<br>毫克/升 | DATA             |

Note 注释:

mg/L = milligram per liter/毫克每升

Discharge License Criteria/排放标准: Not applicable

Phenol 挥发酚

**Test Method** : Reference to HJ 503-2009  
**测试方法** 参考 HJ 503-2009

| Tested Item(s)<br>测试项目 | Result<br>结果 | Unit<br>单位   | Conclusion<br>结论 |
|------------------------|--------------|--------------|------------------|
| I003                   | 0.0003       | mg/L<br>毫克/升 | DATA             |

Note 注释:

mg/L = milligram per liter/毫克每升

Discharge License Criteria/排放标准: Not applicable





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Coliform 大肠菌群

**Test Method** : Reference to GB/T 5750.12-2006  
**测试方法** : 参考 GB/T 5750.12-2006

| Tested Item(s)<br>测试项目 | Result<br>结果 | Unit<br>单位                        | Conclusion<br>结论 |
|------------------------|--------------|-----------------------------------|------------------|
| I003                   | Not Detected | bacteria/<br>100 mL<br>细菌数/100 毫升 | DATA             |

Note 注释:

bacteria/100 mL = bacteria per 100 milliliters/每 100 毫升细菌数  
Discharge License Criteria/排放标准: Not applicable

Persistent Foam 可持续性泡沫

**Test Method** : Visual  
**测试方法** : 目测

| Tested Item(s)<br>测试项目 | Result<br>结果 | Unit<br>单位 | Conclusion<br>结论 |
|------------------------|--------------|------------|------------------|
| I003                   | No foam 无泡沫  | -          | DATA             |

Discharge License Criteria/排放标准: Not applicable

ANIONS – Cyanide 阴离子-氰化物

**Test Method** : Reference to HJ 484 -2009  
**测试方法** : 参考 HJ 484-2009

| Tested Item(s)<br>测试项目 | Result<br>结果 | Unit<br>单位   | Conclusion<br>结论 |
|------------------------|--------------|--------------|------------------|
| I003                   | <0.02        | mg/L<br>毫克/升 | DATA             |

Note 注释:

mg/L = milligram per liter/毫克每升  
Discharge License Criteria/排放标准: Not applicable



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ANIONS - Sulfide 阴离子-硫化物

**Test Method** : Reference to GB/T 16489 -1996  
**测试方法** 参考 GB/T 16489 -1996

| Tested Item(s)<br>测试项目 | Result<br>结果                                         | Unit<br>单位   | Conclusion<br>结论 |
|------------------------|------------------------------------------------------|--------------|------------------|
| I003                   | <0.005<br>(Comply with discharge license/<br>符合排放许可) | mg/L<br>毫克/升 | DATA             |

Note 注释:

mg/L = milligram per liter/毫克每升

Discharge License Criteria/排放标准: discharge license: 0.5 mg/L

ANIONS - Sulfite 阴离子-亚硫酸盐

**Test Method** : Reference to HJ 84-2016  
**测试方法** 参考 HJ 84-2016

| Tested Item(s)<br>测试项目 | Result<br>结果 | Unit<br>单位   | Conclusion<br>结论 |
|------------------------|--------------|--------------|------------------|
| I003                   | <0.046       | mg/L<br>毫克/升 | DATA             |

Note 注释:

mg/L = milligram per liter/毫克每升

Discharge License Criteria/排放标准: Not applicable



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1B) Conventional Parameters – METALS 常规参数-重金属

| Heavy Metals/重金属                                                                           | I001 (mg/L)毫克/升 | I001 (mg/L)毫克/升 | I003 (mg/L)毫克/升                                     |
|--------------------------------------------------------------------------------------------|-----------------|-----------------|-----------------------------------------------------|
| Antimony( Sb )<br>Discharge License Criteri<br>排放许可标准:<br>discharge license: 0.1 mg/L      | ND              | 0.003           | ND<br>(Comply with discharge<br>license/<br>符合排放许可) |
| Chromium( Cr ), total<br>Discharge License Criteri<br>排放许可标准: Not applicable               | ND              | 0.009           | ND                                                  |
| Cobalt( Co )<br>Discharge License Criteri<br>排放许可标准: Not applicable                        | ND              | ND              | ND                                                  |
| Copper( Cu )<br>Discharge License Criteri<br>排放许可标准: Not applicable                        | ND              | 0.011           | 0.004                                               |
| Nickel (Ni)<br>Discharge License Criteri<br>排放许可标准: Not applicable                         | ND              | 0.006           | ND                                                  |
| Silver (Ag)<br>Discharge License Criteri<br>排放许可标准: Not applicable                         | ND              | ND              | ND                                                  |
| Zinc( Zn )<br>Discharge License Criteri<br>排放许可标准: Not applicable                          | ND              | 0.064           | 0.022                                               |
| Arsenic (As)<br>Discharge License Criteri<br>排放许可标准: Not applicable                        | ND              | ND              | ND                                                  |
| Cadmium( Cd )<br>Discharge License Criteri<br>排放许可标准: Not applicable                       | ND              | ND              | ND                                                  |
| Chromium VI( CrVI )<br>Discharge License Criteri<br>排放许可标准:<br>discharge license: 0.5 mg/L | ND              | ND              | ND<br>(Comply with discharge<br>license/<br>符合排放许可) |
| Lead( Pb )<br>Discharge License Criteri<br>排放许可标准: Not applicable                          | ND              | 0.002           | ND                                                  |
| Mercury (Hg)<br>Discharge License Criteri<br>排放许可标准: Not applicable                        | ND              | ND              | ND                                                  |



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Others Priority Chemical Groups 其他优先化学物质

|                                                                 | I001 (µg/L/微克/升) | I002 (µg/L/ 微克/升) | I003 (µg/L/ 微克/升) |
|-----------------------------------------------------------------|------------------|-------------------|-------------------|
| 2A) APs and APEOs/<br>烷基酚及烷基酚聚氧乙烯醚                              | NR               | ND                | ND                |
| 2B) Chlorobenzenes and Chlorotoluenes/<br>氯化苯和氯甲苯               | NR               | ND                | ND                |
| 2C) Chlorophenols/氯酚                                            | NR               | ND                | ND                |
| 2D) Azo Dyes/偶氮染料                                               | NR               | ND                | ND                |
| 2E) Carcinogenic Dyes/致癌染料                                      | NR               | ND                | ND                |
| 2F) Disperse Dyes/分散染料                                          | NR               | ND                | ND                |
| 2G) Flame Retardants/阻燃剂                                        | NR               | ND                | ND                |
| 2H) Glycols/乙二醇                                                 | NR               | ND                | ND                |
| 2I) Halogenated Solvents/卤化溶剂                                   | NR               | ND                | ND                |
| 2J) Organotin Compounds 有机锡化合物                                  | NR               | ND                | ND                |
| 2K) Perfluorinated and Polyfluorinated<br>Chemicals/全氟化合物和多氟化合物 | NR               | ND                | ND                |
| 2L) Phthalates/邻苯二甲酸盐                                           | NR               | ND                | ND                |
| 2M) Poly Aromatic Hydrocarbons/多环芳烃                             | NR               | ND                | ND                |
| 2N) Volatile Organic Compounds<br>/挥发性有机化合物                     | NR               | ND                | ND                |

## Remark/备注:

- Test method, reporting limit and list of chemical are summarized in tables of Appendix B.  
测试方法, 限量值和化学列表在附录 B 中
- ND = Not detected (Please refer to reporting limit shown in Appendix B.).  
ND=未检出(请参考附录 B 中的报告限量值)
- All results are in ppb as unit.  
所有结果以 ppb 为单位
- ppm = part(s) per million; ppb = part(s) per billion.  
ppm = 百万分之一; ppb = 十亿分之一
- NR= Not Requested  
NR = 未要求测试
- The testing report without CMA logo is solely intended for the exclusive internal use of specific client, which does not serve as a certification in Chinese society.  
未有 CMA 标识的测试报告仅供特定委托方内部使用, 其在中国境内不具有对社会的证明作用。

-END-

-结束-

**APPENDIX A - Photo of the Sample/ Sampling Location**

**样品照片/取样地照片**

I001) Sampling Point

取样点

N 24° 40' 21"

E 113° 30' 33"



I001) Sampling Point Surrounding Environment

取样点周围环境

N 24° 40' 21"

E 113° 30' 33"



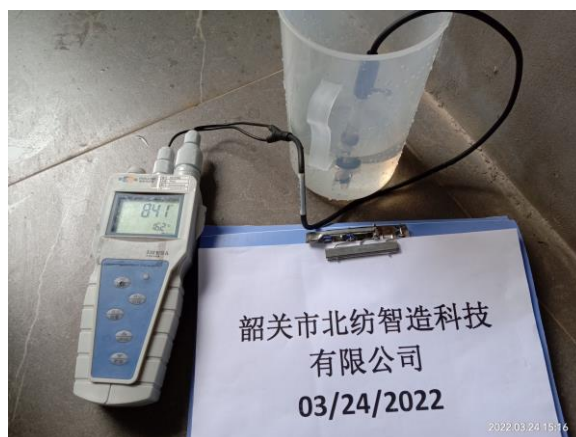
I001) All sampled bottles with label

全部带标签的取样瓶



I001) pH value

pH 值



I001) Sample for Phthalate Testing  
邻苯测试样品



I001) Packaging  
包装



I002) Sampling Point  
取样点  
N 24° 40' 16"  
E 113° 30' 33"



I002) Sampling Point Surrounding Environment  
取样点周围环境  
N 24° 40' 16"  
E 113° 30' 33"





I002) All sampled bottles with label  
全部带标签的取样瓶



I002) pH value  
pH 值



I002) Sample for Phthalate Testing  
邻苯测试样品



I002) Packaging  
包装



I003) Sampling Point  
取样点  
N 24° 40' 14"  
E 113° 30' 36"



I003) Sampling Point Surrounding Environment  
取样点周围环境  
N 24° 40' 14"  
E 113° 30' 36"



I003) All sampled bottles with label  
全部带标签的取样瓶

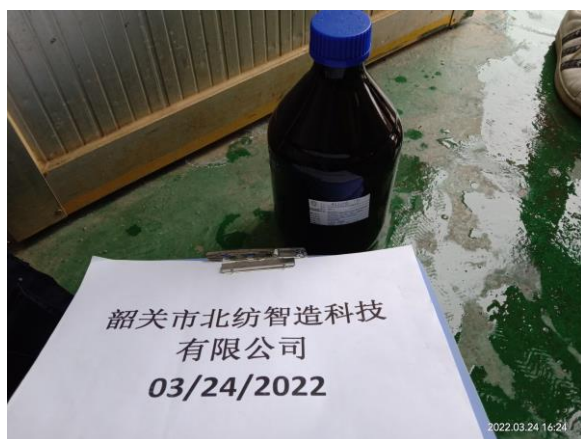


I003) pH value  
pH 值





I003) Sample for Phthalate Testing  
邻苯测试样品



I003) Packaging  
包装





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## APPENDIX B/附录 B

| Group /组别                                                                                           | Substance (Testing parameter)/ 物质 (测试参数) | CAS No./ 化学物质登记号                                                          | Report Limit<br>报告检出限      |                         | Name of the testing method/测试方法名称                                                           |
|-----------------------------------------------------------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------|----------------------------|-------------------------|---------------------------------------------------------------------------------------------|
|                                                                                                     |                                          |                                                                           | Wastewater<br>(ug/L)/(ppb) | Sludge<br>(mg/kg)/(ppm) |                                                                                             |
| 2A. Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs): including all isomers/烷基酚及烷基酚聚氧乙烯醚包括同分异构体 | Nonylphenol NP, mixed isomers/壬基苯酚及同分异构体 | Various (incl. 104-40-5, 11066-49-2, 25154-52-3, 84852-15-3)              | 5                          | 0.2                     | NP/OP: ISO 18857-2 (modified dichloromethane extraction) or ASTM D7065 (GC/MS or LC/MS(-MS) |
|                                                                                                     | Octylphenol OP, mixed isomers/辛基苯酚及同分异构体 | Various (incl. 140-66-9, 1806-26-4, 27193-28-8)                           | 5                          | 0.2                     |                                                                                             |
|                                                                                                     | Octylphenol ethoxylates (OPEO)/辛基酚乙烯醚    | Various (incl. 9002-93-1, 9036-19-5, 68987-90-6)                          | 5                          | 0.2                     | OPEO/NPEO: ISO18857-2 or ASTM D7065(LC/MS; GC/MS or LC/MSMS for n=1,2)<br>APEO 1-18         |
|                                                                                                     | Nonylphenol ethoxylates (NPEO)/壬基酚乙烯醚    | Various (inc. 9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0) | 5                          | 0.2                     |                                                                                             |
| 2B. Chlorobenzenes and Chlorotoluenes/氯化苯和氯甲苯                                                       | Monochlorobenzene/一氯苯                    | 108-90-7                                                                  | 0.2                        | 0.1                     | USEPA 8260B,8270D. Dichloromethane extraction followed by GC/MS                             |
|                                                                                                     | 1,2-Dichlorobenzene/1,2-二氯苯              | 95-50-1                                                                   | 0.2                        | 0.1                     |                                                                                             |
|                                                                                                     | 1,3-Dichlorobenzene / 1,3-二氯苯            | 541-73-1                                                                  | 0.2                        | 0.1                     |                                                                                             |
|                                                                                                     | 1,4-Dichlorobenzene / 1,4-二氯苯            | 106-46-7                                                                  | 0.2                        | 0.1                     |                                                                                             |
|                                                                                                     | 1,2,3-Trichlorobenzene / 1,2,3-三氯苯       | 87-61-6                                                                   | 0.2                        | 0.1                     |                                                                                             |
|                                                                                                     | 1,2,4-Trichlorobenzene / 1,2,4-三氯苯       | 120-82-1                                                                  | 0.2                        | 0.1                     |                                                                                             |
|                                                                                                     | 1,3,5-Trichlorobenzene / 1,3,5-三氯苯       | 108-70-3                                                                  | 0.2                        | 0.1                     |                                                                                             |
|                                                                                                     | 1,2,3,4-Tetrachlorobenzene/ 1,2,3,4-四氯苯  | 634-66-2                                                                  | 0.2                        | 0.1                     |                                                                                             |
|                                                                                                     | 1,2,3,5-Tetrachlorobenzene/ 1,2,3,5-四氯苯  | 634-90-2                                                                  | 0.2                        | 0.1                     |                                                                                             |
|                                                                                                     | 1,2,4,5-Tetrachlorobenzene/ 1,2,4,5-四氯苯  | 95-94-3                                                                   | 0.2                        | 0.1                     |                                                                                             |
|                                                                                                     | Pentachlorobenzene 五氯苯                   | 608-93-5                                                                  | 0.2                        | 0.1                     |                                                                                             |
|                                                                                                     | Hexachlorobenzene/ 六氯苯                   | 118-74-1                                                                  | 0.2                        | 0.1                     |                                                                                             |
|                                                                                                     | 2-Chlorotoluene /2-氯甲苯                   | 95-49-8                                                                   | 0.2                        | 0.1                     |                                                                                             |
|                                                                                                     | 3-Chlorotoluene /3-氯甲苯                   | 108-41-8                                                                  | 0.2                        | 0.1                     |                                                                                             |
|                                                                                                     | 4-Chlorotoluene /4-氯甲苯                   | 106-43-4                                                                  | 0.2                        | 0.1                     |                                                                                             |
|                                                                                                     | 2,3-Dichlorotoluene / 2,3-二氯甲苯           | 32768-54-0                                                                | 0.2                        | 0.1                     |                                                                                             |
|                                                                                                     | 2,4-Dichlorotoluene / 2,4-二氯甲苯           | 95-73-8                                                                   | 0.2                        | 0.1                     |                                                                                             |
|                                                                                                     | 2,5-Dichlorotoluene/ 2,5-二氯甲苯            | 19398-61-9                                                                | 0.2                        | 0.1                     |                                                                                             |
|                                                                                                     | 2,6-Dichlorotoluene / 2,6-二氯甲苯           | 118-69-4                                                                  | 0.2                        | 0.1                     |                                                                                             |



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| Group /组别                | Substance (Testing parameter)/ 物质 (测试参数)  | CAS No./ 化学物质登记号 | Report Limit<br>报告检出限      |                         | Name of the testing method/测试方法名称                                                                        |
|--------------------------|-------------------------------------------|------------------|----------------------------|-------------------------|----------------------------------------------------------------------------------------------------------|
|                          |                                           |                  | Wastewater<br>(ug/L)/(ppb) | Sludge<br>(mg/kg)/(ppm) |                                                                                                          |
|                          | 3,4-Dichlorotoluene / 3,4-二氯甲苯            | 95-75-0          | 0.2                        | 0.1                     |                                                                                                          |
|                          | 3,5-Dichlorotoluene / 3,5-二氯甲苯            | 25186-47-4       | 0.2                        | 0.1                     |                                                                                                          |
|                          | 2,3,4-Trichlorotoluene / 2,3,4-三氯甲苯       | 7359-72-0        | 0.2                        | 0.1                     |                                                                                                          |
|                          | 2,3,6-Trichlorotoluene / 2,3,6-三氯甲苯       | 2077-46-5        | 0.2                        | 0.1                     |                                                                                                          |
|                          | 2,4,5-Trichlorotoluene / 2,4,5-三氯甲苯       | 6639-30-1        | 0.2                        | 0.1                     |                                                                                                          |
|                          | 2,4,6-Trichlorotoluene / 2,4,6-三氯甲苯       | 23749-65-7       | 0.2                        | 0.1                     |                                                                                                          |
|                          | 3,4,5-Trichlorotoluene / 3,4,5-三氯甲苯       | 21472-86-6       | 0.2                        | 0.1                     |                                                                                                          |
|                          | 2,3,4,5-Tetrachlorotoluene / 2,3,4,5-四氯甲苯 | 76057-12-0       | 0.2                        | 0.1                     |                                                                                                          |
|                          | 2,3,5,6-Tetrachlorotoluene / 2,3,5,6-四氯甲苯 | 29733-70-8       | 0.2                        | 0.1                     |                                                                                                          |
|                          | 2,3,4,6-Tetrachlorotoluene / 2,3,4,6-四氯甲苯 | 875-40-1         | 0.2                        | 0.1                     |                                                                                                          |
|                          | Pentachlorotoluene/五氯甲苯                   | 877-11-2         | 0.2                        | 0.1                     |                                                                                                          |
| 2C. Chlorophenols/<br>氯酚 | 2-Chlorophenol/2-氯苯酚                      | 95-57-8          | 0.5                        | 0.025                   | USEPA 8270 D<br>Solvent extraction,<br>derivatisation with<br>KOH, acetic anhydride<br>followed by GC/MS |
|                          | 3-Chlorophenol/3-氯苯酚                      | 108-43-0         | 0.5                        | 0.025                   |                                                                                                          |
|                          | 4-Chlorophenol/4-氯苯酚                      | 106-48-9         | 0.5                        | 0.025                   |                                                                                                          |
|                          | 2,3-Dichlorophenol/2,3-二氯苯酚               | 576-24-9         | 0.5                        | 0.025                   |                                                                                                          |
|                          | 2,4-Dichlorophenol/2,4-二氯苯酚               | 120-83-2         | 0.5                        | 0.025                   |                                                                                                          |
|                          | 2,5-Dichlorophenol/2,5-二氯苯酚               | 583-78-8         | 0.5                        | 0.025                   |                                                                                                          |
|                          | 2,6-Dichlorophenol/2,6-二氯苯酚               | 87-65-0          | 0.5                        | 0.025                   |                                                                                                          |
|                          | 3,4-Dichlorophenol/3,4-二氯苯酚               | 95-77-2          | 0.5                        | 0.025                   |                                                                                                          |
|                          | 3,5-Dichlorophenol/3,5-二氯苯酚               | 591-35-5         | 0.5                        | 0.025                   |                                                                                                          |
|                          | 2,3,4-Trichlorophenol/2,3,4-三氯苯酚          | 15950-66-0       | 0.5                        | 0.025                   |                                                                                                          |
|                          | 2,3,5-Trichlorophenol/2,3,5-三氯苯酚          | 933-78-8         | 0.5                        | 0.025                   |                                                                                                          |
|                          | 2,3,6-Trichlorophenol/2,3,6-三氯苯酚          | 933-75-5         | 0.5                        | 0.025                   |                                                                                                          |
|                          | 2,4,5-Trichlorophenol/2,4,5-三氯苯酚          | 95-95-4          | 0.5                        | 0.025                   |                                                                                                          |
|                          | 2,4,6-Trichlorophenol/2,4,6-三氯苯酚          | 88-06-2          | 0.5                        | 0.025                   |                                                                                                          |
|                          | 3,4,5-Trichlorophenol/3,4,5-三氯苯酚          | 609-19-8         | 0.5                        | 0.025                   |                                                                                                          |
|                          | 2,3,4,5-Tetrachlorophenol/                | 4901-51-3        | 0.5                        | 0.025                   |                                                                                                          |



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| Group /组别                                                         | Substance (Testing parameter)/ 物质 ( 测试参数 ) | CAS No./ 化学物质登记号 | Report Limit<br>报告检出限      |                         | Name of the testing method/测试方法名称                                                     |
|-------------------------------------------------------------------|--------------------------------------------|------------------|----------------------------|-------------------------|---------------------------------------------------------------------------------------|
|                                                                   |                                            |                  | Wastewater<br>(ug/L)/(ppb) | Sludge<br>(mg/kg)/(ppm) |                                                                                       |
|                                                                   | 2,3,4,5-四氯苯酚                               |                  |                            |                         |                                                                                       |
|                                                                   | 2,3,4,6-Tetrachlorophenol/<br>2,3,4,6-四氯苯酚 | 58-90-2          | 0.5                        | 0.025                   |                                                                                       |
|                                                                   | 2,3,5,6-Tetrachlorophenol<br>2,3,5,6-四氯苯酚  | 935-95-5         | 0.5                        | 0.025                   |                                                                                       |
|                                                                   | Pentachlorophenol (PCP)/<br>五氯苯酚           | 87-86-5          | 0.5                        | 0.025                   |                                                                                       |
| 2D. Dyes - Azo<br>(Forming Restricted Amines)/ 偶氮染料<br>(形成限制胺类)   | 4,4'-Methylene-bis-(2-chloro-aniline)      | 101-14-4         | 0.1                        | 0.1                     | EN 14362.<br>Reduction step with Sodiumdithionite, solvent extraction, GC/MS or LC/MS |
|                                                                   | 4,4'-methylenedianiline                    | 101-77-9         | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | 4,4'-Oxydianiline                          | 101-80-4         | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | 4-Chloroaniline                            | 106-47-8         | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | 3,3'-Dimethoxybenzidine                    | 119-90-4         | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | 3,3'-Dimethylbenzidine                     | 119-93-7         | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | 6-methoxy-m-toluidine (p-Cresidine)        | 120-71-8         | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | 2,4,5-Trimethylaniline                     | 137-17-7         | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | 4,4'-Thiodianiline                         | 139-65-1         | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | 4-Aminoazobenzene                          | 60-09-3          | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | 4-Methoxy-m-phenylenediamine               | 615-05-4         | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | 4,4'-Methylene-di-o-toluidine              | 838-88-0         | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | 2,6-Xylidine                               | 87-62-7          | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | o-Anisidine                                | 90-04-0          | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | 2-Naphthylamine                            | 91-59-8          | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | 3,3'-Dichlorobenzidine                     | 91-94-1          | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | 4-Aminodiphenyl                            | 92-67-1          | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | Benzidine                                  | 92-87-5          | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | o-Toluidine                                | 95-53-4          | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | 2,4-Xylidine                               | 95-68-1          | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | 4-Chloro-o-toluidine                       | 95-69-2          | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | 4-Methyl-m-phenylenediamine                | 95-80-7          | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | o-Aminoazotoluene                          | 97-56-3          | 0.1                        | 0.1                     |                                                                                       |
|                                                                   | 5-nitro-o-toluidine                        | 99-55-8          | 0.1                        | 0.1                     |                                                                                       |
| 2E. Dyes-<br>Carcinogenic or<br>Equivalent Concern/<br>致癌染料或涉及的同类 | C.I. Direct Black 38/<br>C.I.直接黑 38        | 1937-37-7        | 500                        | 1                       | Liquid Extraction<br>LC/MS                                                            |
|                                                                   | C.I. Direct Blue 6/<br>C.I.直接蓝 6           | 2602-46-2        | 500                        | 1                       |                                                                                       |
|                                                                   | C.I. Acid Red 26/<br>C.I.酸性红 26            | 3761-53-3        | 500                        | 1                       |                                                                                       |
|                                                                   | C.I. Basic Red 9/<br>C.I.碱性红 9             | 569-61-9         | 500                        | 1                       |                                                                                       |
|                                                                   | C.I. Direct Red 28/<br>C.I.直接红 28          | 573-58-0         | 500                        | 1                       |                                                                                       |
|                                                                   | C.I. Basic Violet 14/<br>C.I.碱性紫 14        | 632-99-5         | 500                        | 1                       |                                                                                       |
|                                                                   | C.I. Disperse Blue 1 /<br>C.I.分散蓝 1        | 2475-45-8        | 500                        | 1                       |                                                                                       |
|                                                                   | C.I. Disperse Blue 3 /<br>C.I.分散蓝 3        | 2475-46-9        | 500                        | 1                       |                                                                                       |



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| Group /组别                                  | Substance (Testing parameter)/ 物质 (测试参数)                                     | CAS No./ 化学物质登记号 | Report Limit<br>报告检出限      |                         | Name of the testing method/测试方法名称                                                  |
|--------------------------------------------|------------------------------------------------------------------------------|------------------|----------------------------|-------------------------|------------------------------------------------------------------------------------|
|                                            |                                                                              |                  | Wastewater<br>(ug/L)/(ppb) | Sludge<br>(mg/kg)/(ppm) |                                                                                    |
|                                            | C.I. Basic Blue 26 (with Michler's Ketone > 0.1%) / C.I. 碱性蓝 26 (米氏酮 > 0.1%) | 2580-56-5        | 500                        | 1                       |                                                                                    |
|                                            | C.I. Basic Green 4 (malachite green chloride)/ C.I. 碱性绿 4(孔雀石绿氯化物)           | 569-64-2         | 500                        | 1                       |                                                                                    |
|                                            | C.I. Basic Green 4 (malachite green oxalate)/ C.I. 碱性绿 4(孔雀石绿草酸盐)            | 2437-29-8        | 500                        | 1                       |                                                                                    |
|                                            | C.I. Basic Green 4(malachite green)/ C.I. 碱性绿 4(孔雀石绿)                        | 10309-95-2       | 500                        | 1                       |                                                                                    |
|                                            | Disperse Orange 11/分散橙 11                                                    | 82-28-0          | 500                        | 1                       |                                                                                    |
| 2F. Dyes-disperse (sensitizing)/ 分散染料 (致敏) | Disperse Yellow 1 /分散黄 1                                                     | 119-15-3         | 50                         | 1                       | Liquid Extraction LC/MS                                                            |
|                                            | Disperse Blue 102 /分散蓝 102                                                   | 12222-97-8       | 50                         | 1                       |                                                                                    |
|                                            | Disperse Blue 106 /分散蓝 106                                                   | 12223-01-7       | 50                         | 1                       |                                                                                    |
|                                            | Disperse Yellow 39 /分散黄 39                                                   | 12236-29-2       | 50                         | 1                       |                                                                                    |
|                                            | Disperse Orange 37/59/76 / 分散橙 37/59/76                                      | 13301-61-6       | 50                         | 1                       |                                                                                    |
|                                            | Disperse Brown 1 /分散棕 1                                                      | 23355-64-8       | 50                         | 1                       |                                                                                    |
|                                            | Disperse Orange 1/分散橙 1                                                      | 2581-69-3        | 50                         | 1                       |                                                                                    |
|                                            | Disperse Yellow 3/分散黄 3                                                      | 2832-40-8        | 50                         | 1                       |                                                                                    |
|                                            | Disperse Red 11/分散红 11                                                       | 2872-48-2        | 50                         | 1                       |                                                                                    |
|                                            | Disperse Red 1/分散红 1                                                         | 2872-52-8        | 50                         | 1                       |                                                                                    |
|                                            | Disperse Red 17/分散红 17                                                       | 3179-89-3        | 50                         | 1                       |                                                                                    |
|                                            | Disperse Blue 7 /分散蓝 7                                                       | 3179-90-6        | 50                         | 1                       |                                                                                    |
|                                            | Disperse Blue 26 /分散蓝 26                                                     | 3860-63-7        | 50                         | 1                       |                                                                                    |
|                                            | Disperse Yellow 49 /分散黄 49                                                   | 54824-37-2       | 50                         | 1                       |                                                                                    |
|                                            | Disperse Blue 35 /分散蓝 35                                                     | 12222-75-2       | 50                         | 1                       |                                                                                    |
|                                            | Disperse Blue 124 /分散蓝 124                                                   | 61951-51-7       | 50                         | 1                       |                                                                                    |
|                                            | Disperse Yellow 9 /分散黄 9                                                     | 6373-73-5        | 50                         | 1                       |                                                                                    |
|                                            | Disperse Orange 3 /分散橙 3                                                     | 730-40-5         | 50                         | 1                       |                                                                                    |
|                                            | Disperse Blue 35 /分散蓝 35                                                     | 56524-77-7       | 50                         | 1                       |                                                                                    |
| 2G. Flame Retardants/阻燃剂                   | Tris(2-chloroethyl) phosphate (TCEP)/ 三(2-氯乙基)磷酸酯                            | 115-96-8         | 5                          | 1                       | ISO 22032, USEPA527 and USEPA8321B. Dichloromethane extraction GC/MS or LC/MS(-MS) |
|                                            | Decabromodiphenyl ether (DecaBDE)/ 十溴联苯醚                                     | 1163-19-5        | 5                          | 1                       |                                                                                    |
|                                            | Tris(2,3-dibromopropyl) phosphate (TRIS/TDBPP)/ 三(2,3-二溴丙基)磷酸酯               | 126-72-7         | 5                          | 1                       |                                                                                    |
|                                            | Pentabromodiphenyl ether (PentaBDE)/ 五溴联苯醚                                   | 32534-81-9       | 5                          | 1                       |                                                                                    |
|                                            | Octabromodiphenyl ether                                                      | 32536-52-0       | 5                          | 1                       |                                                                                    |



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|-------------------------------|-----------------------------------------------------------------|------------------|----------------------------|-------------------------|-------------------------------------------------------------------------------|
|                               |                                                                 |                  | Wastewater<br>(ug/L)/(ppb) | Sludge<br>(mg/kg)/(ppm) |                                                                               |
|                               | (OctaBDE)/ 八溴联苯醚                                                |                  |                            |                         |                                                                               |
|                               | Bis(2,3-dibromopropyl) phosphate (BIS/BDBPP)/ 二(2,3-二溴丙基)磷酸酯    | 5412-25-9        | 5                          | 1                       |                                                                               |
|                               | Tris(aziridinyl)-phosphineoxide (TEPA)/ 三-(氮环丙基)-膦化氧            | 545-55-1         | 5                          | 1                       |                                                                               |
|                               | Polybromobiphenyls (PBBs)/ 多溴联苯                                 | 59536-65-1       | 5                          | 1                       |                                                                               |
|                               | Tetrabromobisphenol A (TBBPA)/ 四溴双酚 A                           | 79-94-7          | 5                          | 1                       |                                                                               |
|                               | Hexabromocyclododecane (HBCDD)/ 六溴环十二烷                          | 3194-55-6        | 5                          | 1                       |                                                                               |
|                               | 2,2-Bis(bromomethyl)-1,3-propanediol (BBMP)/ 2,2-二(溴甲基)-1,3-丙二醇 | 3296-90-0        | 5                          | 1                       |                                                                               |
|                               | Tris(1,3-dichloro-isopropyl) phosphate (TDCP)/ 三(1,3-二氯异丙基)磷酸酯  | 13674-87-8       | 5                          | 1                       |                                                                               |
|                               | Short chain chlorinated paraffins (SCCPs) (C10-C13)/ 短链氯化石蜡     | 85535-84-8       | 5                          | 1                       |                                                                               |
| 2H. Glycols                   | Bis(2-methoxyethyl)-ether / 二甘醇二甲醚                              | 111-96-6         | 50                         | 5                       | US EPA 8270<br>Liquid Extraction<br>LC/MS                                     |
|                               | 2-ethoxyethanol / 乙二醇单乙醚                                        | 110-80-5         | 50                         | 5                       |                                                                               |
|                               | 2-ethoxyethyl acetate / 乙二醇乙醚醋酸酯                                | 111-15-9         | 50                         | 5                       |                                                                               |
|                               | Ethylene glycol dimethyl ether/ 乙二醇二甲醚                          | 110-71-4         | 50                         | 5                       |                                                                               |
|                               | 2-methoxyethanol / 乙二醇甲醚                                        | 109-86-4         | 50                         | 5                       |                                                                               |
|                               | 2-methoxyethylacetate / 乙二醇甲醚乙酸酯                                | 110-49-6         | 50                         | 5                       |                                                                               |
|                               | 2-methoxypropylacetate/ 2-甲基丙醇乙酸酯                               | 70657-70-4       | 50                         | 5                       |                                                                               |
|                               | Triethylene glycol dimethyl ether/三乙二醇二甲醚                       | 112-49-2         | 50                         | 5                       |                                                                               |
| 2I. Halogenated Solvents/卤化溶剂 | 1,2-Dichloroethane/ 1,2-二氯乙烷                                    | 107-06-2         | 1                          | 1                       | USEPA 8260B<br>Headspace GC/MS or<br>Purgeand-Trap-GC/MS                      |
|                               | Methylene Chloride/二氯甲烷                                         | 75-09-2          | 1                          | 1                       |                                                                               |
|                               | Trichloroethylene/三氯乙烯                                          | 79-01-6          | 1                          | 1                       |                                                                               |
|                               | Tetrachloroethylene/四氯乙烯                                        | 127-18-4         | 1                          | 1                       |                                                                               |
| 2J. Organotin Compounds/有机锡   | Mono-, di- and tri-methyltin derivatives/ 一,二,三-甲基锡衍生物          | Multiple         | 0.01                       | 0.1                     | ISO 17353<br>Derivatisation with<br>NaB(C <sub>2</sub> H <sub>5</sub> ) GC/MS |





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|-----------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------|----------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                   |                                                           |                        | Wastewater<br>(ug/L)/(ppb) | Sludge<br>(mg/kg)/(ppm) |                                                                                                                                                                          |
| 化合物                                                                               | Mono-, di- and tri-butyltin derivatives/<br>一,二,三-丁基锡衍生物  | Multiple               | 0.01                       | 0.1                     |                                                                                                                                                                          |
|                                                                                   | Mono-, di- and tri-phenyltin derivatives/<br>一,二,三-苯基锡衍生物 | Multiple               | 0.01                       | 0.1                     |                                                                                                                                                                          |
|                                                                                   | Mono-, di- and tri-octyltin derivatives/<br>一,二,三-辛基锡衍生物  | Multiple               | 0.01                       | 0.1                     |                                                                                                                                                                          |
|                                                                                   | Monomethyltin<br>一甲基锡                                     | Multiple               | 0.01                       | 0.1                     |                                                                                                                                                                          |
|                                                                                   | Dimethyltin<br>二甲基锡                                       | Multiple               | 0.01                       | 0.1                     |                                                                                                                                                                          |
|                                                                                   | Trimethyltin<br>三甲基锡                                      | Multiple               | 0.01                       | 0.1                     |                                                                                                                                                                          |
|                                                                                   | Monobutyltin(MBT)/单丁基锡                                    | Multiple               | 0.01                       | 0.1                     |                                                                                                                                                                          |
|                                                                                   | Dibutyltin (DBT)/二丁基锡                                     | Multiple               | 0.01                       | 0.1                     |                                                                                                                                                                          |
|                                                                                   | Tributyltin(TBT)/三丁基锡                                     | Multiple               | 0.01                       | 0.1                     |                                                                                                                                                                          |
|                                                                                   | Monophenyltin<br>一苯基锡                                     | Multiple               | 0.01                       | 0.1                     |                                                                                                                                                                          |
|                                                                                   | Diphenyltin (DPhT)/二苯基锡                                   | Multiple               | 0.01                       | 0.1                     |                                                                                                                                                                          |
|                                                                                   | Triphenyltin(TPhT)/三苯基锡                                   | Multiple               | 0.01                       | 0.1                     |                                                                                                                                                                          |
|                                                                                   | Monooctyltin(MOT)/一辛基锡                                    | Multiple               | 0.01                       | 0.1                     |                                                                                                                                                                          |
|                                                                                   | Diocetyl tin(DOT)/二辛基锡                                    | Multiple               | 0.01                       | 0.1                     |                                                                                                                                                                          |
|                                                                                   | Triocetyl tin(TOT)/三辛基锡                                   | Multiple               | 0.01                       | 0.1                     |                                                                                                                                                                          |
| 2K. Perfluorinated and Polyfluorinated Chemicals (PFCs)                           | Perfluorooctanesulfonic acid (PFOS)                       | 355-46-4, 432-50-7     | 0.01                       | 0.05                    | DIN 38407-42 (modified)<br>Ionic PFC:<br>Concentration or direct injection, LC/MS(-MS);<br>Non-ionic PFC (FTOH): derivatisation with acetic anhydride, followed by GC/MS |
|                                                                                   | Perfluoro-n-octanoic acid (PFOA)/ 全氟辛酸                    | 335-67-1               | 0.01                       | 0.05                    |                                                                                                                                                                          |
|                                                                                   | Perfluorobutanesulfonic acid (PFBS)/全氟丁基磺酸                | 29420-49-3, 29420-43-3 | 0.01                       | 0.05                    |                                                                                                                                                                          |
|                                                                                   | Perfluoro-n-hexanoic acid (PFHxA) / 全氟己酸                  | 307-24-4               | 0.01                       | 0.05                    |                                                                                                                                                                          |
|                                                                                   | 8:2 FTOH/8:2-全氟辛基乙醇                                       | 678-39-7               | 1                          | 0.5                     |                                                                                                                                                                          |
|                                                                                   | 6:2 FTOH/6: 2-全氟乙醇                                        | 647-42-7               | 1                          | 0.5                     |                                                                                                                                                                          |
| 2L. Phthalates (including all other esters of phthalic acid)/ 苯二甲酸盐 (包括其他邻苯二甲酸酯类) | Di-2-ethylhexyl phthalate (DEHP)/邻苯二甲酸二(2-乙基己基酯)          | 117-81-7               | 10                         | 1                       | US EPA 8270D, ISO 18856<br>Dichloromethane extraction GC/MS                                                                                                              |
|                                                                                   | Dimethoxyethyl phthalate (DMEP)/ 邻苯二甲酸二甲氧基乙酯              | 117-82-8               | 10                         | 1                       |                                                                                                                                                                          |
|                                                                                   | Di-n-octyl phthalate (DNOP)/ 邻苯二甲酸二辛酯                     | 117-84-0               | 10                         | 1                       |                                                                                                                                                                          |
|                                                                                   | Di-iso-decyl phthalate (DIDP)/ 邻苯二甲酸二异癸                   | 26761-40-0             | 10                         | 1                       |                                                                                                                                                                          |

| Group /组别                                    | Substance (Testing parameter)/ 物质 (测试参数)                                                              | CAS No./ 化学物质登记号 | Report Limit<br>报告检出限      |                         | Name of the testing method/测试方法名称           |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------|----------------------------|-------------------------|---------------------------------------------|
|                                              |                                                                                                       |                  | Wastewater<br>(ug/L)/(ppb) | Sludge<br>(mg/kg)/(ppm) |                                             |
|                                              | 酯                                                                                                     |                  |                            |                         |                                             |
|                                              | Di-iso-nonyl phthalate (DINP)/ 邻苯二甲酸二异壬酯                                                              | 28553-12-0       | 10                         | 1                       |                                             |
|                                              | Di-n-hexyl phthalate (DnHP)/ 邻苯二甲酸二己酯                                                                 | 84-75-3          | 10                         | 1                       |                                             |
|                                              | Dibutyl phthalate (DBP)/ 邻苯二甲酸二丁酯                                                                     | 84-74-2          | 10                         | 1                       |                                             |
|                                              | Butyl benzyl phthalate (BBP)/ 邻苯二甲酸丁苄酯                                                                | 85-68-7          | 10                         | 1                       |                                             |
|                                              | Dinonyl phthalate (DNP)/ 邻苯二甲酸二壬酯                                                                     | 84-76-4          | 10                         | 1                       |                                             |
|                                              | Diethyl phthalate (DEP)/ 邻苯二甲酸二乙酯                                                                     | 84-66-2          | 10                         | 1                       |                                             |
|                                              | Di-n-propyl phthalate (DPRP)/ 邻苯二甲酸二丙酯                                                                | 131-16-8         | 10                         | 1                       |                                             |
|                                              | Di-iso-butyl phthalate (DIBP)/ 邻苯二甲酸二异丁酯                                                              | 84-69-5          | 10                         | 1                       |                                             |
|                                              | Di-cyclohexyl phthalate (DCHP)/ 邻苯二甲酸二环己酯                                                             | 84-61-7          | 10                         | 1                       |                                             |
|                                              | Di-iso-octyl phthalate (DIOP)/ 邻苯二甲酸二异辛酯                                                              | 27554-26-3       | 10                         | 1                       |                                             |
|                                              | 1,2-benzenedicarboxylic acid, di-C7-11-branched and linearalkyl esters (DHNUP)/ 邻苯二甲酸-二(C7-C11 支链与直链) | 68515-42-4       | 10                         | 1                       |                                             |
|                                              | 1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)/ 邻苯二甲酸二支链烷基酯              | 71888-89-6       | 10                         | 1                       |                                             |
| 2M. Poly Aromatic Hydrocarbons (PAHs) /多环芳香烃 | Benzo[a]pyrene (BaP) /苯并[a]芘                                                                          | 50-32-8          | 1                          | 1                       | DIN 38407-39<br>Solvent extraction<br>GC/MS |
|                                              | Anthracene /蒽                                                                                         | 120-12-7         | 1                          | 1                       |                                             |
|                                              | Pyrene /芘                                                                                             | 129-00-0         | 1                          | 1                       |                                             |
|                                              | Benzo[ghi]perylene /苯并[ghi]芘                                                                          | 191-24-2         | 1                          | 1                       |                                             |
|                                              | Benzo[e]pyrene /苯并[e]芘                                                                                | 192-97-2         | 1                          | 1                       |                                             |
|                                              | Indeno[1,2,3-cd]pyrene /茚并[1,2,3-cd]芘                                                                 | 193-39-5         | 1                          | 1                       |                                             |
|                                              | Benzo[j]fluoranthene /苯并[j]荧蒽                                                                         | 205-82-3         | 1                          | 1                       |                                             |
|                                              | Benzo[b]fluoranthene /苯并[b]荧蒽                                                                         | 205-99-2         | 1                          | 1                       |                                             |
|                                              | Fluoranthene /荧蒽                                                                                      | 206-44-0         | 1                          | 1                       |                                             |
|                                              | Benzo[k]fluoranthene /                                                                                | 207-08-9         | 1                          | 1                       |                                             |



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|------------------------------------------------|---------------------------------------------------|-------------------------|---------------------------------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                |                                                   |                         | Wastewater<br>(ug/L)/(ppb)      | Sludge<br>(mg/kg)/(ppm)      |                                                                                                                                                                                                                                                                                                                 |
|                                                | 并[k]蒽                                             |                         |                                 |                              |                                                                                                                                                                                                                                                                                                                 |
|                                                | Acenaphthylene /蒈                                 | 208-96-8                | 1                               | 1                            |                                                                                                                                                                                                                                                                                                                 |
|                                                | Chrysene /屈                                       | 218-01-9                | 1                               | 1                            |                                                                                                                                                                                                                                                                                                                 |
|                                                | Dibenz[a,h]anthracene /二苯并[a, h] 蒽                | 53-70-3                 | 1                               | 1                            |                                                                                                                                                                                                                                                                                                                 |
|                                                | Benzo[a]anthracene/苯并[a] 蒽                        | 56-55-3                 | 1                               | 1                            |                                                                                                                                                                                                                                                                                                                 |
|                                                | Acenaphthene /二氢蒈                                 | 83-32-9                 | 1                               | 1                            |                                                                                                                                                                                                                                                                                                                 |
|                                                | Phenanthrene /菲                                   | 85-01-8                 | 1                               | 1                            |                                                                                                                                                                                                                                                                                                                 |
|                                                | Fluorene /茚                                       | 86-73-7                 | 1                               | 1                            |                                                                                                                                                                                                                                                                                                                 |
|                                                | Naphthalene /萘                                    | 91-20-3                 | 1                               | 1                            |                                                                                                                                                                                                                                                                                                                 |
| 2N. Volatile Organic Compound (VOCs) /挥发性有机化合物 | Benzene /苯                                        | 71-43-2                 | 1                               | 0.1                          | ISO 11423-1<br>Headspace- or Purge-and-Trap-GC/MS                                                                                                                                                                                                                                                               |
|                                                | Xylene /二甲苯                                       | 1330-20-7               | 1                               | 0.1                          |                                                                                                                                                                                                                                                                                                                 |
|                                                | o-cresol /邻甲苯酚                                    | 95-48-7                 | 1                               | 0.1                          |                                                                                                                                                                                                                                                                                                                 |
|                                                | p-cresol /对甲苯酚                                    | 106-44-5                | 1                               | 0.1                          |                                                                                                                                                                                                                                                                                                                 |
|                                                | m-cresol /间甲苯酚                                    | 108-39-4                | 1                               | 0.1                          |                                                                                                                                                                                                                                                                                                                 |
| 1A. Conventional Parameters                    | Temperature/温度                                    | —                       | N/A                             | N/A                          | Apply the standard methods that best apply to the region (ISO, EU, US, China), please refer to ZDHC Wastewater Guidelines for more details on the testing method and the levels (Foundational, Progressive, and Aspirational).<br><br>Cyanide: With reference to APHA 4500 CN—B,C&E and followed by UV analysis |
|                                                | TSS/总悬浮固体                                         | —                       | N/A                             | N/A                          |                                                                                                                                                                                                                                                                                                                 |
|                                                | COD/化学需氧量                                         | —                       | N/A                             | N/A                          |                                                                                                                                                                                                                                                                                                                 |
|                                                | Total-N/总氮                                        | —                       | N/A                             | N/A                          |                                                                                                                                                                                                                                                                                                                 |
|                                                | pH/酸碱值                                            | —                       | N/A                             | N/A                          |                                                                                                                                                                                                                                                                                                                 |
|                                                | Color [m <sup>-1</sup> ] (436nm; 525nm; 620nm)/色度 | —                       | N/A                             | N/A                          |                                                                                                                                                                                                                                                                                                                 |
|                                                | BOD <sub>5</sub> /五日生化需氧量                         | —                       | N/A                             | N/A                          |                                                                                                                                                                                                                                                                                                                 |
|                                                | Ammonium-N/氨态氮                                    | —                       | N/A                             | N/A                          |                                                                                                                                                                                                                                                                                                                 |
|                                                | Total-P/总磷                                        | —                       | N/A                             | N/A                          |                                                                                                                                                                                                                                                                                                                 |
|                                                | AOX/可吸附有机卤化物                                      | —                       | N/A                             | N/A                          |                                                                                                                                                                                                                                                                                                                 |
|                                                | Oil and Grease/油和油脂                               | —                       | N/A                             | N/A                          |                                                                                                                                                                                                                                                                                                                 |
|                                                | Phenol/苯酚                                         | —                       | N/A                             | N/A                          |                                                                                                                                                                                                                                                                                                                 |
|                                                | Coliform(bacteria/100ml)/大肠菌群                     | —                       | N/A                             | N/A                          |                                                                                                                                                                                                                                                                                                                 |
|                                                | Persistent Foam/泡沫持久性                             | —                       | Not visible                     | Not visible                  |                                                                                                                                                                                                                                                                                                                 |
|                                                | Substance (Testing parameter)                     | CAS No.                 | Wastewater<br>(mg/L)<br>/ (ppm) | Sludge<br>(mg/kg)<br>/ (ppm) |                                                                                                                                                                                                                                                                                                                 |
|                                                | ANIONS                                            |                         |                                 |                              |                                                                                                                                                                                                                                                                                                                 |
|                                                | Cyanide( CN <sup>-</sup> )/氰化物                    | Various (incl. 57-12-5) | 0.02                            | 0.5                          |                                                                                                                                                                                                                                                                                                                 |
|                                                | Sulfide/硫化物                                       | —                       | N/A                             | N/A                          |                                                                                                                                                                                                                                                                                                                 |
|                                                | Sulfite/亚硫酸盐                                      | —                       | N/A                             | N/A                          |                                                                                                                                                                                                                                                                                                                 |



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|---------------------------------------------------------|--------------------------------------------|-----------------|---------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                         |                                            |                 | Wastewater<br>(mg/L)<br>/ (ppm) | Sludge<br>(mg/kg)<br>/ (ppm) |                                                                                                                                                                   |
| 1B. Conventional Parameters –<br><b>METALS/常规参数-重金属</b> | Antimony( Sb )/锑                           | 7440-36-0       | 0.001                           | N/A                          | Various<br>Acid Digestion with<br>ICP analysis                                                                                                                    |
|                                                         | Chromium( Cr ), total/总铬                   | 7440-47-3       | 0.001                           | N/A                          |                                                                                                                                                                   |
|                                                         | Cobalt( Co )/钴                             | 7440-48-4       | 0.001                           | N/A                          |                                                                                                                                                                   |
|                                                         | Copper( Cu )/铜                             | 7440-50-8       | 0.001                           | N/A                          | please refer to ZDHC<br>Wastewater Guidelines<br>for more details on the<br>testing method and the<br>levels (Foundational,<br>Progressive, and<br>Aspirational). |
|                                                         | Nickel (Ni)/镍                              | 7440-02-0       | 0.001                           | N/A                          |                                                                                                                                                                   |
|                                                         | Silver (Ag)/银                              | 7440-22-4       | 0.001                           | N/A                          |                                                                                                                                                                   |
|                                                         | Zinc( Zn )/锌                               | 7440-66-6       | 0.001                           | N/A                          |                                                                                                                                                                   |
|                                                         | Arsenic (As)/砷                             | 7440-38-2       | 0.001                           | 1                            |                                                                                                                                                                   |
|                                                         | Cadmium( Cd )/镉                            | 7440-43-9       | 0.0001                          | 1                            |                                                                                                                                                                   |
|                                                         | Chromium VI( CrVI )/六价铬                    | 18540-29-9      | 0.001                           | 1                            |                                                                                                                                                                   |
|                                                         | Lead( Pb )/铅                               | 7439-92-1       | 0.001                           | 1                            | Cr(VI): Various<br>Solvent extraction and<br>derivatisation followed<br>by UV analysis                                                                            |
|                                                         | Mercury (Hg)/汞                             | 7439-97-6       | 0.00005                         | 0.1                          |                                                                                                                                                                   |

Note / Key :

注释/要点:

ppm = part(s) per million/百万分之一

U. S. EPA = United States Environmental Protection Agency/美国环境保护署

APHA = American Public Health Association/美国公共卫生协会

N/A – Not Applicable/不适用



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## APPENDIX C – Onsite Field Data Record Sheet 采样现场记录

| FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE<br>(COMPOSITE / INDIVIDUAL SAMPLING)                                             |                                                        | CPSD-AN-00613-DATA 04                                                             |                                            |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------|
| General Data                                                                                                                |                                                        | Issue Date:                                                                       |                                            |
| Laboratory Sample Number:                                                                                                   |                                                        | Version No.: 17                                                                   |                                            |
| Client Name:                                                                                                                |                                                        | Business Line: Analytical                                                         |                                            |
| Field Contact Person:                                                                                                       |                                                        |                                                                                   |                                            |
| Project (Facility Name and Address):                                                                                        |                                                        |                                                                                   |                                            |
| Sampling Location / Description:                                                                                            |                                                        |                                                                                   |                                            |
| Sample Identification:                                                                                                      |                                                        |                                                                                   |                                            |
| Sample Type:                                                                                                                |                                                        |                                                                                   |                                            |
| Name of Sampler:                                                                                                            |                                                        |                                                                                   |                                            |
| Discharge mode:                                                                                                             |                                                        |                                                                                   |                                            |
| Date of collection:                                                                                                         |                                                        |                                                                                   |                                            |
| Factory Type:                                                                                                               |                                                        |                                                                                   |                                            |
| Zero discharge with sampling plan                                                                                           |                                                        |                                                                                   |                                            |
| Composite Sample / Grab sample (Please delete as appropriate)                                                               |                                                        |                                                                                   |                                            |
| Direct discharge to environment (Specify destination: River, Sea, Stream...) OR indirect discharge (sewage treatment plant) |                                                        |                                                                                   |                                            |
| Dyeing / Printing / Washing / Finishing / Others (please specify):                                                          |                                                        |                                                                                   |                                            |
| *Note: It would be selected more than one                                                                                   |                                                        |                                                                                   |                                            |
| Field Data for Wastewater                                                                                                   |                                                        |                                                                                   |                                            |
| Arrival Time:                                                                                                               | 10:20                                                  | Departure Time:                                                                   | 16:50                                      |
| Field Parameters:                                                                                                           | pH: 8.41                                               | Temp: 16.2 °C                                                                     | Color: transparent                         |
| Control No. of field equipment:                                                                                             | AN-0588                                                | AN-0500-E18                                                                       |                                            |
| Factory with effluent treatment plant:                                                                                      | Yes                                                    | No                                                                                |                                            |
| Sample matrix:                                                                                                              | ✓ Incoming water (if required)                         |                                                                                   |                                            |
|                                                                                                                             | Wastewater before treatment                            |                                                                                   |                                            |
|                                                                                                                             | Wastewater after treatment -- water at discharge point |                                                                                   |                                            |
| Sampler container number:                                                                                                   | 1001                                                   |                                                                                   |                                            |
|                                                                                                                             | 1                                                      | 2                                                                                 | 3                                          |
|                                                                                                                             | 4                                                      | 5                                                                                 | 6                                          |
|                                                                                                                             | 7                                                      | 8                                                                                 |                                            |
| Recording time:                                                                                                             | 15:16                                                  |                                                                                   |                                            |
| pH:                                                                                                                         | 8.41                                                   |                                                                                   |                                            |
| Temp (°C):                                                                                                                  | 16.2                                                   |                                                                                   |                                            |
| Color (visual estimation):                                                                                                  | transparent                                            |                                                                                   |                                            |
| Flow rate (volume/time):                                                                                                    |                                                        |                                                                                   |                                            |
| Volume collected, mL:                                                                                                       |                                                        |                                                                                   |                                            |
| Total volume collected:                                                                                                     | 5L                                                     | Remark: Total volume collected must be greater than total of sample size required |                                            |
| Analysis Required and Preservation Method                                                                                   |                                                        |                                                                                   |                                            |
| Tests (ZDHC MRSIL Parameters)                                                                                               | Test required (Y)                                      | Total of sample size                                                              | Preservation method                        |
| Combined test or individual test (Remark 4)                                                                                 | ✓                                                      | 1000 mL, total or 1000 mL each                                                    |                                            |
| 1. Phthalate                                                                                                                | ✓                                                      |                                                                                   |                                            |
| 2. Chlorobenzenes, Chlorotoluene & PAH                                                                                      | ✓                                                      |                                                                                   |                                            |
| 3. SOCPs                                                                                                                    | ✓                                                      |                                                                                   |                                            |
| 4. APS                                                                                                                      | ✓                                                      |                                                                                   |                                            |
| 5. APEOs                                                                                                                    | ✓                                                      | 100 mL                                                                            |                                            |
| 6. Chlorophenols & Cresols                                                                                                  | ✓                                                      | 100 mL                                                                            |                                            |
| 7. Flame retardant                                                                                                          | ✓                                                      | 500 mL                                                                            |                                            |
| 8. Dyes                                                                                                                     | ✓                                                      | 10 mL                                                                             |                                            |
| 9. Glycol                                                                                                                   | ✓                                                      | 50 mL                                                                             |                                            |
| 10. Pesticides                                                                                                              | ✓                                                      | 1000 mL                                                                           |                                            |
| 11. Nitrosamine                                                                                                             | ✓                                                      | 10 mL                                                                             |                                            |
| 12. Banned Azodyes                                                                                                          | ✓                                                      | 2000 mL                                                                           |                                            |
| 13. Free primary aromatic amines                                                                                            | ✓                                                      | 500 mL                                                                            |                                            |
| 14. Organotin Compounds                                                                                                     | ✓                                                      | 500 mL                                                                            |                                            |
| 15. UV absorbers                                                                                                            | ✓                                                      | 100                                                                               |                                            |
| 16. BPA                                                                                                                     | ✓                                                      | 2                                                                                 |                                            |
| 17. Preservatives                                                                                                           | ✓                                                      | 52                                                                                |                                            |
| 18. VOC & Halogenated Solvents (Remark 6)                                                                                   | ✓                                                      | 10 mL                                                                             |                                            |
| 19. PFCs (Remark 6)                                                                                                         | ✓                                                      | 2 mL                                                                              |                                            |
| PE, washed with peroxide grade Acetone                                                                                      |                                                        |                                                                                   | Without adding acid. Store sample at 2-8°C |
| Fill to full container without air gap; exactly to pH 3 with HCl and store sample at 2-8°C                                  |                                                        |                                                                                   |                                            |
| Without adding acid. Store sample at 2-8°C                                                                                  |                                                        |                                                                                   |                                            |



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|  |                                                                                         |                                  |
|--|-----------------------------------------------------------------------------------------|----------------------------------|
|  | <b>FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE<br/>(COMPOSITE / INDIVIDUAL SAMPLING)</b> | <b>CPSD-AN-00613-DATA 04</b>     |
|  |                                                                                         | <b>Issue Date:</b>               |
|  |                                                                                         | <b>Version No.: 17</b>           |
|  |                                                                                         | <b>Business Line: Analytical</b> |

| Tests (Conventional Parameters)                                        | Test required (Y) | Total of sample size          | Type of container                                    | Preservation method                                                                                                                             |
|------------------------------------------------------------------------|-------------------|-------------------------------|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Combined test or individual test (Remark 4)                            |                   | 2000 mL total or 2000 mL each | Amber Glass, washed with nitric acid                 | Without adding acid<br>Store sample at 2-8°C                                                                                                    |
| 20. Total suspended solids (TSS)                                       |                   |                               |                                                      |                                                                                                                                                 |
| 21. Total dissolved solids (TDS)                                       |                   |                               |                                                      |                                                                                                                                                 |
| 22. 5-day Biochemical Oxygen Demand (BOD5)                             |                   | 1000 mL                       |                                                      |                                                                                                                                                 |
| 23. Colour                                                             |                   | 100 mL                        |                                                      |                                                                                                                                                 |
| 24. Heavy Metals except Cr(VI) & Total-P (Remark 5)                    | ✓                 | 9 mL                          | PE, washed with nitric acid                          | Acidify to pH 2 with HNO <sub>3</sub> and store at 2-8°C                                                                                        |
| 25. Cyanide                                                            |                   | 500 mL                        | Amber Glass, washed with pesticide grade acetone     | Adjust pH 12 with 50% NaOH, add 5.05 mL of 10% Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> and store sample at 2-8°C                          |
| 26. Cr(VI)                                                             | ✓                 | 95 mL                         |                                                      | Filter by 0.45µm filter in field. Fill to full container without air gap, adjust pH to 9.0-9.5 by adding ammonium buffer. Store sample at 2-8°C |
| 27. Chemical oxygen demand (COD)                                       |                   | 150 mL                        |                                                      |                                                                                                                                                 |
| 28. Phenols                                                            |                   | 500 mL                        | Amber Glass, washed with nitric acid                 | Acidify to pH 2 with H <sub>2</sub> SO <sub>4</sub><br>Store sample at 2-8°C                                                                    |
| 29. Oil and Grease & Total hydrocarbon                                 |                   | 1000 mL                       |                                                      |                                                                                                                                                 |
| 30. *Formaldehyde                                                      |                   | 25 mL                         |                                                      | Fill to full container without air gap, acidify to pH 2 with H <sub>2</sub> SO <sub>4</sub> and store sample at 2-8°C                           |
| 31. Sulfide (Remark 5)                                                 |                   | 50 mL                         | PE, washed with pesticide grade Acetone;             | Fill to full container without air gap, add 2 drops of 20% zinc acetate, adjust pH to 9 with 5M NaOH. Store sample at 2-8°C                     |
| 32. E. coli (Remark 5)                                                 |                   | 125 mL                        | PE, clean, sterile, non-reactive                     | Add 0.1 mL of 10% Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> keep in dark. Store sample at 2-8°C                                             |
| 33. Persistent foam                                                    |                   | N.A.                          | Foam higher than 45 cm (visual estimation): Yes / No |                                                                                                                                                 |
| 34. Sulfite                                                            |                   | 100 mL                        | Amber Glass, washed with pesticide grade acetone     | Add 1 mL of 2.5% EDTA. Store sample at 2-8°C                                                                                                    |
| 35. Total-N                                                            |                   | 100 mL                        |                                                      | Acidify to pH 2 with H <sub>2</sub> SO <sub>4</sub><br>Store sample at 2-8°C                                                                    |
| 36. Ammonium-N                                                         |                   | 500 mL                        |                                                      |                                                                                                                                                 |
| 37. Adsorbable organically bound halogens (AOX)                        |                   | 100 mL                        |                                                      | Acidify to pH 2 with HNO <sub>3</sub> and store at 2-8°C                                                                                        |
| 38. Acute aquatic toxicity: Luminus Bacteria, Fish Egg, Daphne, Algae, |                   | 1000 mL                       | Amber Glass, washed with nitric acid                 |                                                                                                                                                 |
| 39. Sulfate                                                            |                   | 100 mL                        |                                                      | Without adding acid<br>Store sample at 2-8°C                                                                                                    |
| 40. Chloride                                                           |                   | 100 mL                        |                                                      |                                                                                                                                                 |
| 41. Conductivity                                                       |                   | 100 mL                        |                                                      |                                                                                                                                                 |
| 42. Dissolved oxygen (DO)                                              |                   | N.A.                          | measure in field                                     |                                                                                                                                                 |
| 43. Total Chlorine                                                     |                   | N.A.                          |                                                      |                                                                                                                                                 |
| 44. Others:                                                            |                   |                               |                                                      |                                                                                                                                                 |

## \*Remarks:

- Individual sampling can be performed upon request.
- The minimum sampling time for 2019 ZDHC guideline is 6 hours with no more than one hour between discrete samples. Sampling time could be adjusted upon request.
- Scope of ZDHC guideline: Parameter 1-9, 12, 14-29, 31-37, 39-43.  
Scope of synthetic leather industry: Parameter 1-9, 12, 14-24, 26-29, 31-33, 35, 36, 39, 40.  
Scope of MMCF: Parameter 5, 18, 20, 22-24, 26-29, 31, 35-38.  
Free primary aromatic amine, pesticides, nitrosamine and formaldehyde are not in the scope of ZDHC Guideline, they are tested upon request.
- Refer to CPSD-AN-000018-STIP01, locations with those CPSD test capability inside TCD matrix can perform the combined test.
- Refer to CPSD-AN-000670-MTHD for additional pretreatment of sulfide if only dissolved sulfide is required to be tested.
- Refer to CPSD-AN-00613-MTHD for preparation of field blank for specific parameters.

Recorded by:

乐东裕 罗敏

Date 3/24/2022

Comment from factory

8F146507203 8F146509987

## Acknowledgement by factory

I hereby confirmed that Bureau Veritas has completed the stated sampling activity at captioned date, time and location. All sample(s) were collected in designated container(s) and without any observation in leakage. Sample(s) collected by Bureau Veritas is/are stored in portable freezer / fridge that is maintained in 1-6°C

Signature of Factory Representative

乐东裕

Date 2022.3.24









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| Tests (Conventional Parameters)             |                                                                         | Test required (Y) | Total of sample size          | Type of container                                    | Preservation method                                                                                                                           |
|---------------------------------------------|-------------------------------------------------------------------------|-------------------|-------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Combined test or Individual test (Remark 4) | 20. Total suspended solids (TSS)                                        |                   | 2000 mL total or 2000 mL each | Amber Glass, washed with nitric acid                 | Without adding acid<br>Store sample at 2-8°C                                                                                                  |
|                                             | 21. Total dissolved solids (TDS)                                        |                   |                               |                                                      |                                                                                                                                               |
|                                             | 22. 5-day Biochemical Oxygen Demand (BOD <sub>5</sub> )                 |                   | 1000 mL                       |                                                      |                                                                                                                                               |
|                                             | 23. Colour                                                              |                   | 100 mL                        |                                                      |                                                                                                                                               |
|                                             | 24. Heavy Metals except Cr(VI) & Total-P (Remark 6)                     | ✓                 | 9 mL                          | PE, washed with nitric acid                          | Acidity to pH 2 with HNO <sub>3</sub> and store at 2-8°C                                                                                      |
|                                             | 25. Cyanide                                                             |                   | 500 mL                        | Amber Glass, washed with pesticide-grade acetone     | Adjust pH 12 with 50% NaOH, add 0.05 mL of 10% Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> and store sample at 2-8°C                        |
|                                             | 26. Cr(VI)                                                              | ✓                 | 95 mL                         |                                                      | Filter by 0.45 µm filter in dark, fill up full container without air gap, adjust pH to 9-9.5 by adding ammonium buffer. Store sample at 2-8°C |
|                                             | 27. Chemical oxygen demand (COD)                                        |                   | 150 mL                        | Amber Glass, washed with nitric acid                 | Acidity to pH 2 with H <sub>2</sub> SO <sub>4</sub><br>Store sample at 2-8°C                                                                  |
|                                             | 28. Phenols                                                             |                   | 500 mL                        |                                                      |                                                                                                                                               |
|                                             | 29. Oil and Grease & Total Hydrocarbon                                  |                   | 1000 mL                       |                                                      |                                                                                                                                               |
|                                             | 30. Formaldehyde                                                        |                   | 25 mL                         |                                                      |                                                                                                                                               |
|                                             | 31. Sulfide (Remark 5)                                                  |                   | 90 mL                         | PE, washed with pesticide-grade acetone              | Fill to full container without air gap, add 2 drops of 2M zinc acetate, adjust pH to 9 with 5M NaOH. Store sample at 2-8°C                    |
|                                             | 32. E. coli (Remark 6)                                                  |                   | 125 mL                        | PE, clean, sterile, non-reactive                     | Add 0.1 mL of 10% Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> keep in dark. Store sample at 2-8°C                                           |
|                                             | 33. Persistent foam                                                     |                   | N.A.                          | Foam higher than 45 cm (Visual estimation): Yes / No |                                                                                                                                               |
|                                             | 34. Sulfite                                                             |                   | 100 mL                        | Amber Glass, washed with pesticide-grade acetone     | Add 1mL of 2.5% EDTA. Store sample at 2-8°C                                                                                                   |
|                                             | 35. Total-N                                                             |                   | 100 mL                        | Amber Glass, washed with nitric acid                 | Acidity to pH 2 with H <sub>2</sub> SO <sub>4</sub><br>Store sample at 2-8°C                                                                  |
|                                             | 36. Ammonium-N                                                          |                   | 500 mL                        |                                                      | Acidity to pH 2 with HNO <sub>3</sub> and store at 2-8°C                                                                                      |
|                                             | 37. Adsorbable organically bound halogens (AOX)                         |                   | 100 mL                        |                                                      | Without adding acid<br>Store sample at 2-8°C                                                                                                  |
|                                             | 38. Acute aquatic toxicity (Lethal: Bacteria, Fish Egg, Daphnia, Algae) |                   | 1000 mL                       |                                                      |                                                                                                                                               |
|                                             | 39. Sulfate                                                             |                   | 100 mL                        |                                                      |                                                                                                                                               |
|                                             | 40. Chloride                                                            |                   | 100 mL                        |                                                      |                                                                                                                                               |
|                                             | 41. Conductivity                                                        |                   | 100 mL                        |                                                      |                                                                                                                                               |
|                                             | 42. Dissolved oxygen (DO)                                               |                   | N.A.                          | no storage in field                                  |                                                                                                                                               |
|                                             | 43. Total Chlorine                                                      |                   | N.A.                          |                                                      |                                                                                                                                               |
| 44. Others:                                 |                                                                         |                   |                               |                                                      |                                                                                                                                               |
| Observation/Remark:                         |                                                                         |                   |                               |                                                      |                                                                                                                                               |

## \*Remarks:

- Individual sampling can be performed upon request
- The minimum sampling time for 2019 ZDHC guideline is 6 hours with no more than one hour between discrete samples. Sampling time could be adjusted upon request
- Scope of ZDHC guideline: Parameter 1-9, 12, 14-25, 31-37, 39-43.  
Scope of synthetic leather industry: Parameter 1-9, 12, 14-24, 25-29, 31-33, 35, 39, 40.  
Scope of MMCA: Parameter 1, 10, 20, 22-24, 25-28, 31, 35-38.  
Free primary aromatic amine, pesticides, nitrosamine and formaldehyde are not in the scope of ZDHC Guideline, they are tested upon request
- Refer to CPSSD-AN-000019-STIP01, locations with those CPSSD test capability inside TCD matrix can perform the combined test
- Refer to CPSSD-AN-000570-MTHD for additional pretreatment of sulfide if only dissolved sulfide is required to be tested
- Refer to CPSSD-AN-00613-MTHD for preparation of field blank for specific parameters

Recorded by:

Full name:

8F146507203

8F146509987

Date: 03/24/2022

Comment from factory:

## Acknowledgement by factory:

I hereby confirmed that Bureau Veritas has completed the stated sampling activity at captioned date, time and location. All sample(s) were collected in designated container(s) and without any observation in leakage. Sample(s) collected by Bureau Veritas is/are stored in portable freezer / fridge that is maintained in 1-6°C

Signature of Factory Representative:

Date: 2022.3.24



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| FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE<br>(COMPOSITE / INDIVIDUAL SAMPLING)                                             |                                                       | CPSD-AN-00613-DATA 64     |                               |
|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------|-------------------------------|
| General Data                                                                                                                |                                                       | Issue Date:               |                               |
| Laboratory Sample Number:                                                                                                   |                                                       | Version No.: 17           |                               |
| Client Name:                                                                                                                |                                                       | Business Line: Analytical |                               |
| Field Contact Person:                                                                                                       |                                                       |                           |                               |
| Project (Facility Name and Address):                                                                                        |                                                       |                           |                               |
| Sampling Location / Description:                                                                                            |                                                       |                           |                               |
| Sample Identification:                                                                                                      |                                                       |                           |                               |
| Sample Type:                                                                                                                |                                                       |                           |                               |
| Name of Sampler:                                                                                                            |                                                       |                           |                               |
| Discharge mode:                                                                                                             |                                                       |                           |                               |
| Date of collection:                                                                                                         |                                                       |                           |                               |
| Factory type:                                                                                                               |                                                       |                           |                               |
| Zero discharge with sampling plan                                                                                           |                                                       |                           |                               |
| Composite Sample / Grab sample (Please define as appropriate)                                                               |                                                       |                           |                               |
| Direct discharge to environment (Specify destination: River, Sea, Stream, ) OR indirect discharge to sewage treatment plant |                                                       |                           |                               |
| Oxygen / Printing / Washing / Flushing / Others (please specify)                                                            |                                                       |                           |                               |
| Note: It would be selected more than one                                                                                    |                                                       |                           |                               |
| Field Data for Wastewater                                                                                                   |                                                       |                           |                               |
| Arrival Time:                                                                                                               | 10:20                                                 | Departure Time:           | 16:50                         |
| Field Parameters                                                                                                            | pH: /                                                 | Temp: / °C                | Color: light brown            |
| Control No. of field equipment                                                                                              | AW-0588                                               | AW-0300-E18               | Flow rate: (volume/min)       |
| Factory with effluent treatment plant                                                                                       | Yes /                                                 | No                        |                               |
| Sample matrix                                                                                                               | Incoming water (if required)                          |                           |                               |
|                                                                                                                             | Wastewater before treatment                           |                           |                               |
|                                                                                                                             | Wastewater after treatment - water at discharge point |                           |                               |
| Sampler container number                                                                                                    | 1003                                                  |                           |                               |
|                                                                                                                             | 1                                                     | 2                         | 3                             |
|                                                                                                                             | 4                                                     | 5                         | 6                             |
|                                                                                                                             | 7                                                     | 8                         |                               |
| Recording time                                                                                                              | ID                                                    |                           |                               |
|                                                                                                                             | Time                                                  |                           |                               |
| pH:                                                                                                                         | 10:31                                                 | 11:32                     | 12:32                         |
| Temp (°C):                                                                                                                  | 8.40                                                  | 8.41                      | 8.37                          |
| Color (visual estimation)                                                                                                   | 27.1                                                  | 25.1                      | 27.4                          |
| Flow rate (volume/time)                                                                                                     | light brown                                           | light brown               | light brown                   |
| Volume collected, mL                                                                                                        | 16L                                                   |                           |                               |
| Total volume collected                                                                                                      |                                                       |                           |                               |
| Remark: Total volume collected must be greater than total of sample size required                                           |                                                       |                           |                               |
| Analysis Required and Preservation Method                                                                                   |                                                       |                           |                               |
| Tests (ZDHC MRSL Parameters)                                                                                                | Test required (V)                                     | Total of sample size      | Type of container             |
| Combined test or Individual test (Remark 4)                                                                                 | 1. Phenolate                                          | ✓                         | 1000 mL total or 1000 mL each |
|                                                                                                                             | 2. Chlorobenzenes, Chlorotoluene & PAHs               | ✓                         |                               |
|                                                                                                                             | 3. SCCPs                                              | ✓                         |                               |
|                                                                                                                             | 4. APS                                                | ✓                         |                               |
| 5. APEOs                                                                                                                    | ✓                                                     | 100 mL                    |                               |
| 6. Chlorophenols & Cresols                                                                                                  | ✓                                                     | 100 mL                    |                               |
| 7. Flame retardant                                                                                                          | ✓                                                     | 500 mL                    |                               |
| 8. Dyes                                                                                                                     | ✓                                                     | 10 mL                     |                               |
| 9. Glycol                                                                                                                   | ✓                                                     | 50 mL                     |                               |
| 10. *Pesticides                                                                                                             |                                                       | 1000 mL                   |                               |
| 11. *Nrosamine                                                                                                              |                                                       | 10 mL                     |                               |
| 12. *Benzene Azoxyes                                                                                                        | ✓                                                     | 2000 mL                   |                               |
| 13. *Free primary aromatic amines                                                                                           |                                                       | 500 mL                    |                               |
| 14. Organotin Compounds                                                                                                     | ✓                                                     | 500 mL                    |                               |
| 15. UV-absorbers                                                                                                            |                                                       | 100                       |                               |
| 16. BPA                                                                                                                     |                                                       | 2                         |                               |
| 17. Preservatives                                                                                                           |                                                       | 52                        |                               |
| 18. VOC & Halogenated Solvents (Remark 6)                                                                                   | ✓                                                     | 10 mL                     |                               |
| 19. *PCs (Remark 6)                                                                                                         | ✓                                                     | 2 mL                      |                               |
| Without adding acid (boil sample at 2-8°C)                                                                                  |                                                       |                           |                               |
| Amber Glass washed with nitric acid                                                                                         |                                                       |                           |                               |
| *For test containers without air gap, modify head 2 with HCl and boil sample at 2-8°C                                       |                                                       |                           |                               |
| Without adding acid (boil sample at 2-8°C)                                                                                  |                                                       |                           |                               |



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|  | FIELD DATA RECORD ON ZERO DISCHARGE SAMPLE<br>(COMPOSITE / INDIVIDUAL SAMPLING) |  | CPSD-AN-00613-DATA 04     |  |
|  |                                                                                 |  | Issue Date:               |  |
|  |                                                                                 |  | Version No.: 17           |  |
|  |                                                                                 |  | Business Line: Analytical |  |

| Tests (Conventional Parameters)                                            |                                  | Test required (Y) | Total of sample size          | Type of container                                    | Preservation method                                                                                                                        |
|----------------------------------------------------------------------------|----------------------------------|-------------------|-------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Combined test or individual test (Remark 4)                                | 30. Total suspended solids (TSS) | ✓                 | 2000 mL total or 2000 mL each | Amber Glass, washed with nitric acid.                | Without adding acid<br>Store sample at 2-8°C                                                                                               |
|                                                                            | 31. Total dissolved solids (TDS) |                   |                               |                                                      |                                                                                                                                            |
| 22. 5-day Biochemical Oxygen Demand (BOD5)                                 |                                  | ✓                 | 1000 mL                       |                                                      |                                                                                                                                            |
| 23. Colour                                                                 |                                  | ✓                 | 100 mL                        |                                                      |                                                                                                                                            |
| 24. Heavy Metals except Cr(VI) & Total-P (Remark 6)                        |                                  | ✓                 | 9 mL                          | PE, washed with nitric acid                          | Acidity to pH 2 with HNO <sub>3</sub> and store at 2-8°C                                                                                   |
| 25. Cyanide                                                                |                                  | ✓                 | 500 mL                        | Amber Glass, washed with pesticide grade acetone     | Adjust pH 12 with 50% NaOH, add 0.05 mL of 10% Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> and store sample at 2-8°C                     |
| 26. Cr(VI)                                                                 |                                  | ✓                 | 95 mL                         |                                                      | Flow by 0.4 μm filter field, fill to full container without air gap; adjust pH to 3.0-5.5 by adding ammonium buffer. Store sample at 2-8°C |
| 27. Chemical oxygen demand (COD)                                           |                                  | ✓                 | 150 mL                        |                                                      |                                                                                                                                            |
| 28. Phenols                                                                |                                  | ✓                 | 500 mL                        | Amber Glass, washed with nitric acid                 | Acidity to pH 2 with HNO <sub>3</sub> , Store sample at 2-8°C                                                                              |
| 29. Oil and Grease & Total Hydrocarbon                                     |                                  | ✓                 | 1000 mL                       |                                                      |                                                                                                                                            |
| 30. *Formaldehyde                                                          |                                  |                   | 25 mL                         |                                                      | Fill whole container without air gap; acidity to pH 2 with H <sub>2</sub> SO <sub>4</sub> and store sample at 2-8°C                        |
| 31. Sulfide (Remark 5)                                                     |                                  | ✓                 | 50 mL                         | PE, washed with pesticide grade Acetone              | Fill to full container without air gap; add 2 drops of 2M zinc acetate, adjust pH to 9 with 6M NaOH. Store sample at 2-8°C                 |
| 32. E.coli (Remark 5)                                                      |                                  |                   | 125 mL                        | PE, clean, sterile, non-reactive                     | Add 0.1 mL of 10% Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> , keep in dark. Store sample at 2-8°C                                      |
| 33. Persistent foam                                                        |                                  | ✓                 | 0.1 N.A.                      | Foam higher than 45 cm (visual estimation): Yes / No |                                                                                                                                            |
| 34. Guttie                                                                 |                                  | ✓                 | 100 mL                        | Amber Glass, washed with pesticide grade acetone     | Add 1 mL of 2.5% EDTA. Store sample at 2-8°C                                                                                               |
| 35. Total-N                                                                |                                  | ✓                 | 100 mL                        |                                                      | Acidity to pH 2 with H <sub>2</sub> SO <sub>4</sub> , Store sample at 2-8°C                                                                |
| 36. Ammonium-N                                                             |                                  | ✓                 | 500 mL                        |                                                      | Acidity to pH 2 with HNO <sub>3</sub> , and store at 2-8°C                                                                                 |
| 37. Adsorbable organically bound halogens (AOX)                            |                                  | ✓                 | 100 mL                        |                                                      |                                                                                                                                            |
| 38. Acute aquatic toxicity: Luminescent Bacteria; Fish Egg; Daphnia; Algae |                                  |                   | 1000 mL                       | Amber Glass, washed with nitric acid                 |                                                                                                                                            |
| 39. Sulfate                                                                |                                  |                   | 100 mL                        |                                                      | Without adding acid. Store sample at 2-8°C                                                                                                 |
| 40. Chloride                                                               |                                  |                   | 100 mL                        |                                                      |                                                                                                                                            |
| 41. Conductivity                                                           |                                  |                   | 100 mL                        |                                                      |                                                                                                                                            |
| 42. Dissolved oxygen (DO)                                                  |                                  |                   | N/A                           | Measure in field                                     |                                                                                                                                            |
| 43. Total Chlorine                                                         |                                  |                   | N/A                           |                                                      |                                                                                                                                            |
| 44. Other: Total coli                                                      |                                  | ✓                 |                               |                                                      |                                                                                                                                            |

## \*Remarks:

- Individual sampling can be performed upon request
- The minimum sampling time for 2019 ZDHC guideline is 6 hours with no more than one hour between discharge samples. Sampling time could be acquired upon request
- Scope of ZDHC guideline: Parameter: 1-9, 12, 14-29, 31-37, 39-43  
Scope of synthetic leather industry: Parameter: 1-9, 12, 14-24, 26-29, 31-33, 35, 36, 39, 40, 43  
Scope of MMCF: Parameter: 5, 18, 20, 22-24, 26-29, 31, 35-38  
Free primary aromatic amine, pesticides, nitrosamine and formaldehyde are not in the scope of ZDHC Guideline, they are tested upon request
- Refer to CPSD-AN-00019-STP01, reactions with these CPSD test capability inside TCD matrix can perform the combined test
- Refer to CPSD-AN-000570-MTHD for additional pretreatment of sulfide if only dissolved sulfide is required to be tested
- Refer to CPSD-AN-00613-MTHD for preparation of field blank for specific parameters

Recorded by:

Full name:

Combined from factory

Date:

## Acknowledgment by factory

I hereby confirmed that Bureau Veritas has completed the stated sampling activity at captioned date, time and location. All sample(s) is/are collected in designated container(s) and without any observation in leakage. Sample(s) collected by Bureau Veritas is/are stored in portable freezer / fridge that is maintained in 1-8°C

Signature of Factory Representative

Full Name:

Date:

## APPENDIX D 附录 D

## (二) 排放许可限值

表 8 废水污染物排放

| 序号    | 排放口编号 | 排放口名称 | 污染物种类 | 许可排放浓度限值 | 许可年排放量限值 (t/a) |     |     |     |     |
|-------|-------|-------|-------|----------|----------------|-----|-----|-----|-----|
|       |       |       |       |          | 第一年            | 第二年 | 第三年 | 第四年 | 第五年 |
| 主要排放口 |       |       |       |          |                |     |     |     |     |
| 1     | DW001 | 工业废水  | 悬浮物   | 100mg/L  | /              | /   | /   | /   | /   |

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| 序号 | 排放口编号 | 排放口名称   | 污染物种类                   | 许可排放浓度限值 | 许可年排放量限值 (t/a) |     |     |     |     |
|----|-------|---------|-------------------------|----------|----------------|-----|-----|-----|-----|
|    |       |         |                         |          | 第一年            | 第二年 | 第三年 | 第四年 | 第五年 |
|    |       | 总排口     |                         |          |                |     |     |     |     |
| 2  | DW001 | 工业废水总排口 | 二氧化氯                    | 0.5mg/L  | /              | /   | /   | /   | /   |
| 3  | DW001 | 工业废水总排口 | 总磷 (以 P 计)              | 1.5mg/L  | /              | /   | /   | /   | /   |
| 4  | DW001 | 工业废水总排口 | 总镉                      | 0.1mg/L  | /              | /   | /   | /   | /   |
| 5  | DW001 | 工业废水总排口 | 化学需氧量                   | 200mg/L  | /              | /   | /   | /   | /   |
| 6  | DW001 | 工业废水总排口 | 总氮 (以 N 计)              | 30mg/L   | /              | /   | /   | /   | /   |
| 7  | DW001 | 工业废水总排口 | 五日生化需氧量                 | 50mg/L   | /              | /   | /   | /   | /   |
| 8  | DW001 | 工业废水总排口 | 氨氮 (NH <sub>3</sub> -N) | 20mg/L   | /              | /   | /   | /   | /   |
| 9  | DW001 | 工业废水总排口 | pH 值                    | 6-9      | /              | /   | /   | /   | /   |
| 10 | DW001 | 工业废水总排口 | 苯胺类                     | 1mg/L    | /              | /   | /   | /   | /   |
| 11 | DW001 | 工业废水总排口 | 可吸附有机卤化物                | 12mg/L   | /              | /   | /   | /   | /   |
| 12 | DW001 | 工业废水总排口 | 硫化物                     | 0.5mg/L  | /              | /   | /   | /   | /   |
| 13 | DW001 | 工业废水总排口 | 色度                      | 80       | /              | /   | /   | /   | /   |

| 序号      | 排放口编号 | 排放口名称             | 污染物种类 | 许可排放浓度限值 | 许可年排放量限值 (t/a) |           |           |     |     |
|---------|-------|-------------------|-------|----------|----------------|-----------|-----------|-----|-----|
|         |       |                   |       |          | 第一年            | 第二年       | 第三年       | 第四年 | 第五年 |
| 14      | DW003 | 车间废水排放口           | 六价铬   | 0.5mg/L  | /              | /         | /         | /   | /   |
| 主要排放口合计 |       | COD <sub>Cr</sub> |       |          | 43.984000      | 43.984000 | 43.984000 |     |     |