

Name of Laboratory : Laboratory of GOSHU KOHSAN CO., LTD.  
Address : 70 Moo 5, Kingkaew Road, Tambon Rachatheva,  
Amphoe Bang Phli, Changwat Samut Prakarn 10540  
Accreditation Number : Testing - 0077  
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Expired date : 18<sup>th</sup> April 2027  
Standard : ISO/IEC 17025:2017  
Reference No. : 0303/6435

### Scope of Laboratory Accreditation

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Accreditation Number : Testing - 0077

Laboratory Status :  Permanent  Site  Temporary  Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Wastewater	<p>- pH 4.0 to 10.0</p> <p>- COD 30 mg/L to 400 mg/L</p> <p>- Total suspended solids dried from 103 °C to 105 °C 10 mg/L to 2 000 mg/L</p>	<p>In – house method : LAB-SD-103-04 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA &amp; WEF, 23<sup>rd</sup> ed., 2017, part 4500-H<sup>+</sup> B</p> <p>In – house method : LAB-SD-114-07 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA &amp; WEF, 23<sup>rd</sup> ed., 2017, part 5220 C</p> <p>In – house method : LAB-SD-112-02 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA &amp; WEF, 23<sup>rd</sup> ed., 2017, part 2540 D</p>

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1 (cont.)	Wastewater	- Total dissolved solids dried at 180 °C 100 mg/L to 5 000 mg/L  - Iron 0.30 mg/L to 10.0 mg/L  - Nickel 0.30 mg/L to 10.0 mg/L  - Copper 0.30 mg/L to 10.0 mg/L  - Manganese 0.15 mg/L to 5.0 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2540 C  In – house method : LAB-SD-152-01 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 3120 B, 3030 E

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1 (cont.)	Wastewater	- Zinc 0.30 mg/L to 10.0 mg/L  - Chromium 0.10 mg/L to 5.0 mg/L	In – house method : LAB-SD-175 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 3120 B, 3030 E

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