

Name of Laboratory : Laboratory of Environment and Pollution Control Office 13 (Chonburi)  
Address : 31/2 Moo 4, Prayasajja Road, Tambon Bansuan,  
Amphoe Mueang, Changwat Chonburi 20000  
Accreditation Number : Testing - 0065  
Contact Person : Mrs. LAWAN EYOSAWAT  
Phone : 062-592-4842  
Fax : 0-3827-5420  
E-mail : lawan\_e@hotmail.com  
Initial Issue Date : 28<sup>th</sup> March 2011  
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Expired date : 18<sup>th</sup> May 2026  
Standard : ISO/IEC 17025:2017  
Reference No. : 0303/2186

### Scope of Laboratory Accreditation

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Laboratory Status :  Permanent  Site  Temporary  Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Surface water	- Copper 15 µg/L to 200 µg/L - Manganese 0.5 mg/L to 10.0 mg/L - Cadmium 2 µg/L to 50 µg/L - Lead 15 µg/L to 200 µg/L - Total suspended solids dried at 103 °C to 105 °C 30 mg/L to 2 000 mg/L	In - house method : TM-HM-01 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 3120 B In - house method : TM-SS-01 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2540 D

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2	Effluent water	- Total suspended solids dried at 103 °C to 105 °C 30 mg/L to 2 000 mg/L  - COD 60 mg/L to 2 000 mg/L  - COD 60 mg/L to 2 000 mg/L	In - house method : TM-SS-01 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2540 D  In - house method : TM-COD-01 based on Manual for Wastewater Examination of Environmental Engineering Association of Thailand, 4 <sup>th</sup> ed., 2004  Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 5220 C

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3	Tap water	- Copper 0.2 mg/L to 10 mg/L - Manganese 0.1 mg/L to 5 mg/L - Cadmium 1 µg/L to 50 µg/L - Chromium 5 µg/L to 100 µg/L	In - house method : TM-HM-02 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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