

Name of Laboratory : Environmental Laboratory of Environment and Pollution Control Office 11
(Nakhon Ratchasima)

Address : 250 Moo 1, Ratchasima-Chokchai Road, Tambon Nong Bua Sala,
Amphoe Mueang, Changwat Nakhon Ratchasima 30000

Accreditation Number : Testing – 0051

Contact Person : Mr. Sawat Thanatka
Phone : 0-4424-2818 Ext. 106
Fax : 0-4424-3480
E-mail : boonchai.w@mnre.mail.go.th

Initial Issue Date : 15th February 2010

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Standard : ISO/IEC 17025:2017

Reference No. : 0303/18765

Scope of Testing Laboratory Accreditation

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Accreditation Number : Testing - 0051

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Surface water	- Total suspended solids dried at 103 °C to 105 °C 5 mg/L to 500 mg/L - Total dissolved solids dried at 180 °C 100 mg/L to 6 000 mg/L - Total hardness (Calculated as CaCO ₃) 10 mg/L to 600 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2540 D In - house method : T-03 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2540 C Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2340 C

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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 (cont.)	Surface water	- pH 4.0 to 10.0	In - house method : T-02 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 4500-H ⁺ B
2	Wastewater	- Total suspended solids dried at 103 °C to 105 °C 5 mg/L to 500 mg/L - Total dissolved solids dried at 103 °C to 105 °C 100 mg/L to 6 000 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2540 D In - house method : T-03 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2540 C

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2 (cont.)	Wastewater	- Total dissolved solids dried at 180 °C 100 mg/L to 6 000 mg/L - pH 4.0 to 10.0 - COD 40 mg/L to 1 000 mg/L	In - house method : T-03 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2540 C In - house method : T-02 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 4500-H ⁺ B Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 5220 C

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
3	Tap water	- Total dissolved solids dried at 180 °C 100 mg/L to 6 000 mg/L - Total hardness (Calculated as CaCO ₃) 10 mg/L to 600 mg/L	In - house method : T-03 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2540 C Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2340 C

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
3 (cont.)	Tap water	- pH 4.0 to 10.0	In - house method : T-02 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 4500-H ⁺ B

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