

## Scope of Suspended Laboratory Accreditation

Laboratory Name : Environmental Testing Laboratory, The Bangchak Petroleum Public Company Limited  
 Address : 210 Moo 1, Soi Sukhumvit 64, Sukhumvit Road, Bangchak, Phrakonong,  
 Bangkok 10260

Accreditation Number : Testing - 0032

Laboratory Status :  Permanent  Site  Temporary  Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Wastewater	- pH 4.0 to 10.0  - Total suspended solids at 103 °C to 105 °C 10 mg/dm <sup>3</sup> to 1 000 mg/dm <sup>3</sup>  - Chemical Oxygen Demand Index (ST-COD) Colorimetric method 30 mg/dm <sup>3</sup> to 150 mg/dm <sup>3</sup>  - Total dissolved solids at 180 °C 100 mg/dm <sup>3</sup> to 5 000 mg/dm <sup>3</sup>	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 4500 - H <sup>+</sup> B  In - house method : EL-T5.4-02 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 : EL-T5.4-05 based on ISO 15705 : 2002, Annex D  Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2540 C
2	Surface water	- pH 4.0 to 10.0  - Total suspended solids at 103 °C to 105 °C 10 mg/dm <sup>3</sup> to 1 000 mg/dm <sup>3</sup>	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 4500 - H <sup>+</sup> B  In - house method : EL-T5.4-02 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 (cont.)	Surface water	- Total dissolved solids at 180 °C 100 mg/dm <sup>3</sup> to 5 000 mg/dm <sup>3</sup>	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2540 C