



مكتب التنظيم و الرقابة
Regulation & Supervision Bureau

Consent to Taweelah Asia Power Company for Relaxation of TDS Minimum Limit Specified in the Water Quality Regulations

Consent

ED/L03/109

9 July 2014

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water, wastewater and electricity sector of the Emirate of Abu Dhabi

Document	Approved by	Recipien of controlled
ED/L03/109	Director General	1. TAPCO 2. Bureau Controlled Documents

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Consent to ECPC for the Relaxation of Minimum TDS Limit

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TDS/Legal	ED/L03/109	1	9 July 2014	Director General

Taweelah Asia Power Company

Abu Dhabi

United Arab Emirates

Consent to relaxation of TDS minimum limit specified in the Water Quality Regulations (Fourth Edition)

1. Introduction

- 1.1 Taweelah Asia Power Company (“**TAPCO**”) has applied to the Regulation and Supervision Bureau (“**Bureau**”) on 4 December 2013 seeking the Bureau’s consent pursuant to Condition 2, paragraph 2 of its License and pursuant to Part 3 of the Water Quality Regulations, to relax the TDS minimum limit of 100 mg/l as prescribed in Part 2 and Schedule 1 of the Water Quality Regulations.
- 1.2 This request is made as these parameters are not controllable by TAPCO during a short part of the year following planned maintenance work at its desalination plants and due to the sizing of its remineralization system which has the capacity to maintain minimum of 85 mg/l in TDS only.
- 1.3 TAPCO is assessing a number of options to increase the achievable minimum TDS limit and plan to be in a position to comply with a minimum limit of TDS of 85 mg/l during 2014 and to operate according to the plant design arrangements.

2. Definitions

- 2.1 Terms used in this Consent shall, unless defined herein or the context otherwise admits, have the same meaning as ascribed to them in the Law No (2) or in the License.

ADWEC means the Abu Dhabi Water and Electricity Company.

Bureau means the Regulation and Supervision Bureau for the Water, Wastewater and Electricity Sector in the Emirate of Abu Dhabi as established under Law No (2).

Consent means this consent granted by the Bureau to TAPCO for the relaxation of requirements of Part 2 and Schedule 1 of the Water Quality Regulations in respect of TDS.

Law No (2) means Law No (2) of 1998 concerning the Regulation of the Water and Electricity Sector in the Emirate of Abu Dhabi, as amended from time to time.

License means TAPCO's Water Desalination and Electricity Generation License, document reference ED/L01/015, issued by the Bureau to TAPCO and including any

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subsequent revisions, modifications and derogations made thereto from time to time.

Licensed Activities means the activities permitted to be carried out by TAPCO pursuant to the terms and conditions of the License.

PWPA means power and water purchase agreement.

TAPCO means Taweelah Asia Power Company.

TDS means Total Dissolved Solids.

Water Quality Regulations means the Water Quality Regulations issued by the Bureau, as amended from time to time

3. Consent

- 3.1 The Bureau having duly considered the application from TAPCO hereby consents, pursuant to Condition 2, paragraph 2 of TAPCO's License, to a temporary relaxation of the TDS minimum limit of 100mg/l prescribed in the Water Quality Regulations.
- 3.2 This Consent is issued by the Bureau pursuant to Part 3, paragraph 3.1 of the Water Quality Regulations.
- 3.3 This Consent grants TAPCO temporary relaxation from the minimum prescribed limits for TDS contained in the Water Quality Regulations. In place of the prescribed limits, the Bureau consents to TAPCO adhering to the following relaxed limit:

S.N.	Parameter	Unit of Measurement	Current Limit	Relaxed Limit
1.	TDS	mg/l	100-1000	75 - 1000

4. Conditions

This Consent is subject to the following conditions:

- 4.1 Consent is only given in respect of those matters identified in Clause 3.3. TAPCO is not permitted to derogate from any other provisions of the Water Quality Regulations without the Bureau's prior consent.
- 4.2 TAPCO shall continue to comply with all the requirements of Law No (2) and its' License in respect of its Licensed Activities, activities ancillary thereto and any other activities for

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which TAPCO has obtained the Bureau's consent.

- 4.3 TAPCO shall continue to comply with the requirements of the existing water specifications included in the PWPA including in relation to Ca Hardness, Alkalinity and pH.
- 4.4 The activities related to this Consent shall not affect TAPCO's ability to perform its obligations to ADWEC under any PWPA.
- 4.5 This Consent shall not relieve TAPCO from any requirement to comply with any other relevant law, decree, statute or government authorization issued or promulgated by any governmental instrumentalities, including those outside the Emirate of Abu Dhabi.
- 4.6 This Consent is granted for TAPCO for a period of one year only following planned maintenance of distillers for a period of not more than 60 days. During the period for which this Consent is granted, TDS may be as low as 75mg/l, however measures to meet a minimum TDS level of 85 mg/l should be maintained.

5. Effective Date

- 5.1 This Consent shall be effective from 1 January 2014.

6. Term of Consent

- 6.1 This Consent shall remain in force and effect until and including 31 December 2014, after which TAPCO must apply to the Bureau for issue of a new Consent.

7. Modification and Revocation

- 7.1 This Consent is subject to modification or revocation by the Bureau at any time by reasonable written notice to TAPCO.

GRANTED for and on behalf of the Bureau by:



NICHOLAS CARTER
Director General



Dated this 9 day of July 2014

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