



*GAS PIPELINES ACT 2000*

**NOTICE OF VARIATION NO. 2**

of the

**PIPELINE LICENCE  
(Construction)**

granted on

**15 JULY 2008**

to

**TASMANIAN GAS PIPELINE PTY LTD**

**under the former name of**

**BBI TGP PTY LTD**

ACN 083 052 019

Pursuant to section 23 of the *Gas Pipelines Act 2000*, the pipeline licence (construction) granted on 15 July 2008 to Tasmanian Gas Pipeline Pty Ltd under the former name of BBI TGP Pty Ltd has been amended such that Item 3 is inserted to Schedule 2 to include the realignment of the Tasmanian Gas Pipeline at the Brighton Transport Hub site as set out in the following four pages.

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Glenn Appleyard

**Chairman**

**Tasmanian Economic Regulator**

15 October 2010

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### 3. Tasmanian Gas Pipeline Realignment at Brighton Transport Hub<sup>2</sup>

The Tasmanian Department of Infrastructure, Energy and Resources (DIER) is to install new road and rail transport transfer facilities, to be known as the Brighton Transport Hub, at Brighton. The development works will incorporate a section of the existing DN200 Southern Pipeline Extension (SPE).

The construction work on the Tasmanian Gas Pipeline consists of realigning by replacing the existing pipeline route within the Brighton Transport Hub development area with a new section of pipe on a new alignment clear of the proposed works. The route for the new section of pipe runs along the western boundary of the development (refer Figure B-1, Drawing No 20124-SK-001). The new route is approximately 2 500m long.

The new section of pipe will tie into the existing pipeline at KP 207.113km on the northern end and KP208.020km on the southern end (refer Figure B-2 – Drawing No PO-620-AL-060).

Further description of pipeline and construction process:

- The new section will be tied into the existing pipeline using stopple/plugging techniques. During the tie-in, gas flows to the Bridgewater Metering Facility would be maintained along the new section of pipeline, using temporary bypasses;
- Following commissioning of the new section, the existing disused section will be decommissioned, filled with an inert material and abandoned in-situ. The existing anode bed associated with the cathodic protection system for the existing pipeline will also be abandoned in-situ. A new anode ground-bed will be installed west of the new pipeline alignment; and
- Construction of a new section of pipeline, the design parameters of which are specified in Table 3 below.

The realigned pipeline will be designed, constructed and operated in accordance with AS 2885 standards.

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<sup>2</sup> Inserted 15 October 2010, Notice of Variation No. 2

**Table 3: Realignment of Tasmanian Gas Pipeline at the Brighton Transport Hub**

<b>Parameter</b>	<b>Unit</b>
Outside Diameter	219mm
Pipe Grade	API Spec 5L, X42
Nominal Wall Thickness	10.0 mm
Minimum Installation Depth	1 200.00 mm
Design Standard	AS 2885 (and all subsumed applicable standards) API Specification 5L
Fluid Handled	Dry Natural Gas
Specific Gravity (Gas)	0.61
Design Maximum Operating Pressure (MAOP)	10.2 MPa
Design Hydrostatic Test Pressure (min)	15.3 MPa
Design temperature (Min/Max)	0°C - 38°C
Corrosion allowance	0 mm
Pipe Coating	Dual layer FBE, totalling 1 000 micron thick

**Attachments:**

Figure B-1 Tasmanian Gas Pipeline (TGP) at Brighton Transport Hub Route Map  
(Drawing No 20124-SK-001)

Figure B-2 TGP at Brighton Transport Hub Location (Drawing No PO-620-AL-060)



