

***GAS PIPELINES ACT 2000***

**NOTICE OF AMENDMENT NO. 2**

of the

**PIPELINE LICENCE**

granted on

**9 NOVEMBER 2001**

to

**DEI TASMANIA HOLDINGS PTY LTD**

ACN 083 052 019

Pursuant to clauses 3.5 and 3.6 of the licence, Schedule 3 of the pipeline licence granted on 9 November 2002 to DEI Holdings Tasmania Pty Ltd, amended as described in Notice of Amendment No. 1 dated 1 August 2002, has been further amended so as to read as set out in the two pages following.

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Andrew John Reeves

**Director of Gas**

1 August 2002

## Schedule 3 - Description and Technical Design Specification of Stage 1 Pipeline.<sup>1</sup>

Stage 1 pipeline is:

1. -a buried high-tensile steel pipe to be installed within the corridor described in Attachment 2 to Schedule 1 of the planning permit dated 3 September 2001 issued by the Northern Combined Planning Authority, as subsequently varied by ~~the orders~~ dated 31 October 2001, 6 February 2002 and 26 February 2002<sup>2</sup> made by the Minister under section 14B of the *Major Infrastructure Development Approvals Act 1993*, and having the following characteristics:

Parameter	Unit
Outer Diameter	350 mm
Pipe grade	API Spec 5L, Grades X65 and X 70
Usual wall thickness	9.8 mm and 12.7 mm
Minimum installation depth	In accordance with the <b>Licensee's</b> risk mitigation design approved by the <b>Director of Gas Safety</b> , but not less than 750 mm except at river crossings where the depth of cover shall be not less than 1200 mm and be sufficient to protect the pipeline from exposure, due to erosion of the medium in which it is buried, to a materially increased risk of damage.
Minimum standards	AS 2885, API Spec 5L
Fluid handled	Dry natural gas
Specific gravity of the gas	0.61
Design maximum operating pressure	15.3 MPa
Design minimum hydrostatic test pressure	19.1 MPa
Pipe lining:	
<ul style="list-style-type: none"> <li>Internal</li> </ul>	Liquid epoxy 38 micron (DFT)
<ul style="list-style-type: none"> <li>Coating</li> </ul>	Fusion bonded epoxy 400 micron (DFT) plus 600 micron Naprock

<sup>1</sup> Schedule 3 amended 4 February 2002.

<sup>2</sup> Schedule 3 amended 25 March 2002.

**AND**

2. a buried high-tensile steel pipe to be installed partly within the corridor described in 1. above and partly outside that corridor, as shown on the attached plan and labelled “Bell Bay Industrial Pipeline” and “Proposed Ecka offtake” and having the following characteristics:

<b><u>Parameter</u></b>	<b><u>Unit</u></b>
<u>Outer Diameter</u>	<u>168 mm and 60 mm</u>
<u>Pipe grade</u>	<u>API Spec 5L, Grade X 65 and ASTM A106 Grade B</u>
<u>Usual wall thickness</u>	<u>7.9 mm and 8.7 mm</u>
<u>Minimum installation depth</u>	<u>In accordance with the <i>Licensee’s</i> risk mitigation design approved by the <i>Director of Gas Safety</i>, but not less than 750 mm except at river crossings where the depth of cover shall be not less than 1200 mm and be sufficient to protect the pipeline from exposure, due to erosion of the medium in which it is buried, to a materially increased risk of damage.</u>
<u>Minimum standards</u>	<u>AS 2885, API Spec 5L</u>
<u>Fluid handled</u>	<u>Dry natural gas</u>
<u>Specific gravity of the gas</u>	<u>0.61</u>
<u>Design maximum operating pressure</u>	<u>5.1 MPa</u>
<u>Design minimum hydrostatic test pressure</u>	<u>15.3 MPa</u>
<u>Pipe coating:</u>	<u>Fusion bonded epoxy 400 micron (DFT) plus 600 micron Naprock and High Density Polyethylene</u>