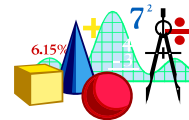


Appendix

G

Service Station Design Suitability Assessment



A.C.N. 087 239 601

A.B.N. 89 087 239 601



Member of the "Australasian Institute of Dangerous Goods Consultants" Inc.
for Classes 2.1 (LPG), 3, C1 & C2.
Building Design Consultant, speciality Service Stations.
Project Management & Work Permit Services.
Fuel System Certifying Consultant.

28 Softwood Avenue
Beaumont Hills, NSW, 2155
Phone: (02) 8824 7948
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3 November 2010

BALLINA HIGHWAY SERVICE CENTRE PTY. LTD.

ABN 33 128 069 456

P.O. Box 65,

Lennox Head, NSW 2478.

Attention: Mr. Chris Condon

Dear Sir,

Re: BALLINA HIGHWAY SERVICE CENTRE, NSW
Pacific Highway corner Teven Road.

First, let me introduce myself, I am Building Design Consultant, specialising in Service Stations & an Accredited Consultant for Dangerous Goods, Classes 2,1 (LPG), 3.0 and Combustible Liquids and now a fully paid member of the "Australasian Institute of Dangerous Goods Consultants Incorporated", and I had a proven track record of over 34 years in architectural drafting and design within the following Industries:

- ❖ Caltex Oil (Oil Industry) 33 years, drafting, supervision and Council submissions.
- ❖ Boral Gas (LPG Industry) 12 years, drafting.
- ❖ Vitalgas (LPG Industry) 8 years, drafting and Council submissions.
- ❖ Woolworths LPG & Fuel installation drawings (last 15 years) accreditation, drafting, supervision of fuel systems installations and Council submissions.
- ❖ Various private Service Stations & Truck Stops (design & supervision).

The proposed development will produce an aesthetically pleasing refuelling facility incorporating current state of the art technology in the storage and retailing of automotive petrols, diesels & LPG.

The development will satisfy the requirements of the WorkCover NSW Authority and the design & installation of the underground petroleum storage system will comply with AS 4897 -2008, with Protection of the Environment Operations (Underground Petroleum Storage Systems) Regulations 2008 and (if required) with the Protection of the Environment Operations (Clean Air) Amendment (Vapour Recovery) Regulation 2009.

The proposal is to install new underground double wall fibreglass fuel storage tanks, which will comply with AS 1940-2004. They will be 6 x Type 110 (110,000 litres nominal capacity) underground storage tanks, two tanks of 110,000 litres and the other four split 55,000 / 55,000 litres, with a manufacturer's warranty of 30 years.

Tank excavation observation wells will be installed as required.

New environmentally friendly double wall pipework to be used for Product Delivery lines from tanks to dispensers, with any joints being welded and or terminated inside tank containment turret and dispenser containment. Vent, vapour recovery, fill and syphon lines to be single wall pipework.

Stage 1 (one) vapour recovery will be installed (u/g. tank to tanker) and for stage 2 (two) vapour recovery we will install pipework from dispensers to u/g. tank or manifolded vapour recovery line. I would like to point out that the local Council is **outside** the areas where these are required.

myros design pty. ltd.

Install new multi product dispensers with under dispenser sumps, all under new petrol canopy over. The canopy is an open structure with no walls, at least 4.5 metres high & 0.9 m high fascias. Pollution control facilities will be provided for the new covered forecourt area.

Install new high flow diesel dispensers with under dispenser sumps, all under new diesel canopy over. The canopy is an open structure with no walls, at least 5.5 metres high & 0.9 m high fascias. Pollution control facilities will be provided for the new covered forecourt area.

These canopies are required to improve the service and cover in inclement weather, to patrons and also to allow the installation of pollution control to the new covered forecourt areas.

The remote fill points for all the fuel tanks will be located on a special island away from through traffic.

Dangerous Goods Site Layout Plan for Fuel System and Site Layout Plan & Land Use Plan for LPG System, will be assessed and stamped by Rolando Ferreira, Accredited Dangerous Goods Consultant for Myros Design Pty Ltd. The fuel system installation will comply with all relevant Australian Standards & Codes.

Automotive LPG will also be sold from this site; a 30 kL underground LPG vessel will be installed including two LPG dispensers and ancillary pipework. The development will satisfy the requirements of the WorkCover NSW Authority and be in accordance with Dept. of Planning NSW (previously known as the Department of Urban Affairs and Planning)'s Guidelines for the installation of LPG on automotive retail outlets, now incorporated in AS/NZS 1596:2008

The proposal will not be detrimental to the surrounding area, nor will be detrimental to the environment, au contraire, it will improve the look of this corner site by opening it up and improving the outlook of the facilities.

Essential services will be installed, exit & emergency lighting will be installed as required, the service station will have fire extinguishers, as they are required to comply with AS 1940 & AS/NZS 1596 and WorkCover requirements.

Hoping that this letter does satisfy your requirements, and please, if you have any queries, do not hesitate to contact me anytime.

Kind regards,



Rolando D. Ferreira.
Service Station Design Consultant &
Accredited Dangerous Goods Consultant for
Classes 2.1 (LPG), 3, C1 & C2.