



Your ref
Our ref
Enquiries

CS330C_080728zo Gunz Dexco Portable
Zoe O'Donnell (08) 9346 2260

Mr Michael Karpenkov
Product Manager Equipment
Gunz Dental Pty Ltd
Unit 3-4, 26-34 Dunning Avenue
ROSEBERRY NSW 2018

Dear Mr Karpenkov

RADIATION SAFETY ACT
Dexco ADX 4000L Portable X-ray Machine

Thank you for your emails, dated 11 June 2008 and 17 July 2008, requesting approval for the sale and use of a Dexco ADX-4000L portable x-ray machine.

This machine was considered by Council at their 172nd meeting of 21st February 2008. Council noted that the unit did not comply with Section 1(u)(ii) of Schedule IX of the Radiation Safety (General) Regulations.

Your email dated 17 July 2008 and the compliance certificate and letter that you submitted from Mr Colin Jacob (Qualified Expert) has confirmed that modifications have now been made to this model of machine so that the SSD is now $\geq 200\text{mm}$. Therefore, the unit now complies with Schedule IX.

Approval is thus granted for the Dexco ADX-4000L to be sold and used in Western Australia. However, I would like to draw your attention to the following additional requirements that apply to the purchaser/operators of portable dental x-ray machines in Western Australia:

- A radiation warning sign must be attached to the unit;
- An exposure cable must be fitted to the unit which allows the operator to stand at least 2 metres away from the unit for the duration of the exposure;
- The unit must be supplied with a stand which must be used at all times;
- The unit must not be manually supported at the time of the exposure.

If a purchaser/operator wishes to use a portable x-ray machine as a hand-held unit then they must first apply to the Radiological Council for an exemption. This application must provide justification for using the machine as a hand-held unit and state the specific situations for which this justification relates to. Hand-held use of dental x-ray equipment is not otherwise permitted.

Should you have any further queries in relation to this matter please do not hesitate to contact this office.

Yours faithfully

Ms H Upton
Secretary, Radiological Council
29 July 2008