

Legally bound to deliver safe electrical equipment

By Cleanstar

Did you know that electrical Standards Australia (SA) approval certification is not required for commercial machinery in Australia? This is because, oddly, the regulators class commercial vacuum cleaners as non-prescribed products and therefore do not require a certificate of approval - unlike domestic vacuum cleaners.

Because of this a number of commercial vacuum cleaners (and other cleaning machinery) have been imported and find their way into the market without having been assessed. And, therefore, they are deemed possibly not electrically 'safe'.

The two important things for importers to understand are that while there is no obligation for importers to obtain a certificate of approval for these non-prescribed products, the regulator does impose on them a duty of care, and a legal obligation (yes, a legal obligation) to ensure that the products they import are electrically safe.

That is achieved by obtaining a certificate of compliance.

The repercussions of non-compliance should something go wrong with the electrical product are criminal liability. So, to all those importers who are tempted by the high dollar and easy access to imported machinery, they would be well advised to obtain the necessary approvals.

Safety hazards are fast becoming forefront issues within the Australian workforce. While certain other issues, such as enforced RCDs (residual current devices), are already being addressed, the need for electrically safe machinery is paramount.

An SA approval certificate ensures machines have been checked for electrical safety by an independent body and approved for sale within Australia and New Zealand.

All electrical equipment – domestic and commercial - must also comply with electromagnetic compatibility (EMC) emission requirements. In fact all electrical products, even battery operated products.

This is recognisable by the familiar C-Tick that appears on the products rating label. This approval is regulated by the government body ACMA (Australian Communications and Media Authority).

By ensuring the machinery you purchase has SA approval and the C-Tick users are helping to make their workplaces electrically safe. They know the machinery bought has been laboratory tested to meet certain specific safety standards as well as legally appropriate emission standards. It comes at no extra cost and only slightly more effort, but could reap more rewards.

www.cleanstar.com.au; www.standards.org.au

The C-Tick approval is regulated by ACMA



Cleanstar strives to ensure SA approvals are obtained for all of its machinery and it stocks some of the best quality RCDs

Aqueous Ozone – cleaning challenges solved without chemicals

Aqueous ozone is a replacement for traditional chemical cleaners and kills all known food and human pathogens. Ozone is a powerful sanitiser that, when used as directed, effectively deodorises, cleans and destroys mould, allergens bacteria and viruses.

A top priority in today's environment for most of the population is using safe cleaning solutions for everyday needs. As a society, we are moving away from harsh chemical cleaners and are looking at greener, healthier and more sustainable ways to clean to eliminate germs faster and more effectively.



Ozone is capable of providing a powerful cleaning solution without using typical harsh chemicals

When used as a cleaning solution, aqueous ozone is a broad range antimicrobial agent that works faster and more effectively against pathogens than chlorine bleach and hydrogen peroxide – and without fumes and toxic residues like dioxins and tri-chloramines.

Because of its toxin-free sanitising action, aqueous ozone is considered safe and environmentally friendly. The manner in which aqueous ozone works can be shown in four simple steps:

1. Oxygen from the air is charged and safely turned into ozone before being infused into ordinary tap water
2. The ozone is attracted to germs, stains and bacteria
3. Harmless to people, the ozone quickly attacks and eliminates contaminants with which it comes in contact
4. Only pure oxygen and water remain after the ozone cleans and sanitises.

Ozone is one of the most powerful cleaners available that can be used in a multitude of ways and in numerous industries – it ticks all the boxes:

- ☒ No chemical residue and scent-free cleaning
- ☒ Powerful antimicrobial properties
- ☒ Less harsh on metal, wood and upholstery
- ☒ Reduce chemical handling – safer cleaning for staff
- ☒ Cost-effective
- ☒ Reduces common bacteria, fungi, mould, mildew and viruses
- ☒ Non-toxic, minimal carbon footprint

"The Lotus Pro has provided excellent cleaning and sanitising results on many surfaces. We have used it in commercial, retail and high-end residential properties with enormous praise from our clients and staff. There have been improved results in cleanliness of tiles, stainless steel plates, carpets, timber floors, and many other surfaces. We love the health and environmental benefits and the ease-of-use for our cleaners," Frank Boross, Havencab Sustainable Cleaning Solutions

www.infinityozone.com.au