



Health Technology Review	
Technology Ref.:	HTA21050
Technology Name:	NANOZONE
Approvals by International Bodies:	Japanese Authorities
Company name:	Al Bawardi Enterprises
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Short Description of the Technology:	Nano-Coating is photocatalytic which is activated by any kind of light and produces an extremely strong oxidative property on the surface. The oxidative properties decompose and removes all harmful organic chemical substances, virus, bacteria, mold and surface impurities. The coating is used to create an all-natural safety shield on all surfaces for a healthy life style. It is also an environmentally-friendly solution which keeps air freshness and protects surface from bio-contamination
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Health Technology Assessment Team Recommendation:	Not Require DOH Approval
Summary of Review:	
<p>Nanozone is an innovative technology of coating application/technique with TiZonic for cleaning and sanitizing system from Japan, it's a super-small state, exhibits unusual properties that carry super powerful photocatalytic effects. Photocatalyst technology, is activated by all kinds of light and produces a super strong oxidative property on its surface. It Reduces the bacteria, viruses and fungi and Decontaminate contaminated surfaces.</p>	
Advantages	Disadvantages
Patented Japanese Technology - certified by the Japanese Government	Breakthrough Technology that Lack of international standardization
Self Sanitizing - Interactive surfaces that decomposes and removes all harmful organic chemical substances, virus, bacteria, and molds.	Further future studies required in material effects on human.
Proven Efficacy in different application; antibacterial, antifouling & decomposition of pollen.	
Sustainable Solution	
<p>Since it is a consumer product but not a medical product there is no requirement for DoH approval or marketing authorization. We would highlight furthermore:</p> <ul style="list-style-type: none"> This product will not replace any infection control and sanitization measures mandated by Abu Dhabi or UAE government for healthcare facilities or public places. 	

- Hence, DoH recommendation is to only use this technology as an additional measure for the prevention of infectious diseases.

Therefore, from our point of view this technology has great ability but does not require DOH approval.

Technology Image:

