

# INDOOR ENVIRONMENTAL QUALITY SOLUTION FOR MARINE VESSELS



- Inspection & Assessments of Hygiene Conditions in Vessels
- Indoor Air Quality and Mold Testing
- AHUs & FCUs Cleaning and Sanitization
- Air Duct Cleaning and Sanitization
- Galley Hood & Dryer Cleaning
- Ambient Air Treatment & Odor Removal
- Before / After Comprehensive & Confidential Report

## AXIMA AIR QUALITY SERVICES ON MARINE VESSELS

INSPECTION & SAMPLE TAKING	LABORATORY ANALYSIS	ACUs & AIR DUCT CLEANING	TREATMENT & SANITIZATION	AIR QUALITY IMPROVEMENT	FINAL TEST & REPORT
<b>INITIAL INVESTIGATION</b>	<b>ANALYSING SAMPLES</b>	<b>CLEAN AIR DUCTS &amp; ACUs</b>	<b>DUCTS SANITIZATION &amp; COIL TREATMENT</b>	<b>SET HVAC SYSTEMS &amp; KILL AIRBORNE BACTERIA</b>	<b>TEST &amp; DOCUMENTED REPORT</b>
<ul style="list-style-type: none"> <li>• Gather background information &amp; documentation (eg. Ducting routing diagram)</li> <li>• Walk through and inspect the vessel (HVAC systems, ACUs, Ducts, Cabins, Galley, Dryer, ...)</li> <li>• Identify the access hatches</li> <li>• Define relevant test areas &amp; taking samples</li> <li>• Develop the intervention plan</li> </ul>	<ul style="list-style-type: none"> <li>• Analysis conducted by an independent certified LAB</li> <li>• Establish bacterial air count</li> <li>• Find out kind of contamination (bacteria, fungus...)</li> <li>• Provide analysis report by system and areas</li> <li>• Determine type of cleaning &amp; disinfection required by systems and areas</li> </ul>	<ul style="list-style-type: none"> <li>• Hatches opening</li> <li>• Clean all types of circular &amp; rectangular ducts</li> <li>• Clean vertical duct sections</li> <li>• Uses HEPA filters to trap all agitated and removed particles from ducts</li> <li>• Dryer duct &amp; Galley hood cleaning</li> </ul>	<ul style="list-style-type: none"> <li>• Dispense disinfectant on ducts for sanitization</li> <li>• Bio-active multi-enzyme coil cleaning</li> <li>• Bio-active Coil-Treatment &amp; coating</li> </ul>	<ul style="list-style-type: none"> <li>• Set operation of ventilation systems to reduce contamination and to improve air quality</li> <li>• Use of 100% natural and biodegradable product in the cabins</li> <li>• Effectively eliminate up to 99.9% of airborne bacteria</li> <li>• Pleasant smelling and neutralizes bad odors</li> </ul>	<ul style="list-style-type: none"> <li>• Analysis conducted by an independent certified LAB</li> <li>• Provide well documented final report included LAB analysis report by systems and areas</li> <li>• Guidance to improve the air quality of the existing systems</li> </ul>

