

Hepburn **Bio AmmO 1000**

To reduce ammonia levels in sewage plants and MBR's

APPLICATION	Bio-AmmO-1000 is a liquid formulation of Nitrosomonas , which convert ammonia to nitrite, and Nitrobacter that convert the nitrite to nitrate. The product is designed to remove Ammonia quickly and conveniently in aerobic biological waste water treatment systems. --
PROCEDURE	<p>Nitrifying bacteria are not able to form spores and are sensitive to temperature, pH and Oxygen levels. Unlike heterotrophic bacteria they take a longer to multiply, typically 15-24 hours.</p> <p>Dosing - follow general guideline Carry out normal de-sludging of approximately 20%</p> <p>Dose Bio AmmO 1000 into each MBR immediately after de-sludge Dose 5 L per MBR Dose each MBR for 3 days -- should always be dosed at same time</p> <p>Optimum conditions for Ammonia removal are: Temperature: 18 deg C but tolerant to 6 deg C. pH range: 7.3 to 8. Dissolved Oxygen: Minimum 2.0 mg/L.</p> <p>Monitor Take regular samples of pH, ammonia and nitrate levels from each MBR If pH drops consistently add more AmmO 1000 for 3 days</p>
DILUTION	Do NOT dilute- Ready to use. Comes in 25 L drums Keep refrigerated below 4 degrees C - the product is very heat sensitive
RESULTS	It assists in the maintenance of a nitrified effluent in short sludge age systems It brings about rapid recovery of nitrification in systems that have temporarily lost the ability to nitrify.
HEALTH & SAFETY REQUIREMENTS When used as directed Bio-Ammono-1000 is completely safe. It is harmless to people, clothing and the environment, and completely biodegradable.	

Hepburn products are fully biodegradable, non hazardous & non corrosive