

# INNOBLUEIND. Co., Ltd.

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major business	Nonpoint-Source Pollution Reduction System, Sediment waste-water Reduction System (Plasma neutralization treatment System), Bridge Drainage System		

INNOBLUEIND.CO.,Ltd. is a water treatment technology company that has developed a non-point pollution reduction system that purifies rainwater on road surfaces specialized in pre-treatment tank, a sediment waste-water reduction system that purifies sewage(concrete wastewater)at a construction site, and a high-efficiency bridge drainage system that does not accumulate sediment.

## Products

	<p><b>Use</b> Removing Nonpoint-Source on road surface</p> <p><b>Description</b> By applying the VEST(Vortex-Enhanced Sedimentation Tanks) method, about 50% of particles are captured in the pre-treatment tank to reduce the stress of filters, and the loss of head is secured to minimize the installation site by utilizing existing drainage channel.</p>
	<p><b>Use</b> Purification of various sewage(muddy water) and concrete wastewater at a construction site</p> <p><b>Description</b> A device for treating sewage generated during excavation of the site, and a device for reducing waste water that can be installed even in small spaces                      A plasma neutralizer capable of purifying concrete wastewater by producing neutralized carbon dioxide directly</p>
	<p><b>Use</b> Bridge drainage system with high drainage efficiency and prevent soil deposition</p> <p><b>Description</b> High-efficiency water collection equipment with high drainage efficiency on the bridge surface during heavy rain, low-flow high-speed drainage system that prevents soil deposition by inducing the kinetic energy of the accelerated vertical flow to the horizontal drain pipe without loss</p>

## Technical Capacity

### » VEST(Vortex-Enhanced Sedimentation Tanks) method

Installation of the waterway gradient at least at the bottom of the existing side or drain pipe as the loss head is secured  
 A technology that greatly increases sedimentation efficiency by capturing particles of pre-treatment tank and increasing the air time of particles up to five times compared to the existing line of flow

### » Plasma neutralization treatment System

To neutralize concrete alkaline water from tunnel and subway sites, use a burner that incorporates plasma technology rather than conventional methods(thin sulfuric acid, compressed carbon dioxide) to ensure economic feasibility and safety  
 Combining plasma technology with fossil fuels(LPG, LNG) to induce complete combustion and directly produce carbon dioxide to neutralize alkaline water