EMISSION-EX

EMISSION STACK CATCHMENT SYSTEMS;

SPECIFICALLY DESIGNED FOR "CLEAN COAL" AND "EXHAUST FUME" CONTAINMENT

UNDER RESEARCH AND DEVELOPMENT

Introduction:

In a broad form, the Product is an airborne pollution suppression system, which comprises of applying a liquid mixture through designed misting nozzles in a nominated direction which contains gases/smoke and or solids and dust stream to suppress undesirable movement of airborne particles, known as "Heavy metals-Carbons-Toxic Air Pollution".

How dose it work:

The "Liquid Mixture", when linked with or without compressed air results in what is described as a formation of a web type wall, which the airborne material cannot penetrate.

World wide benefits:

The Product is able to control dust or other fine material in a gas stream, for instance, by creating a "blanket" by misting the mixture over the top of the gas stream to prevent dust / material from floating upwards. The mixture can also be sprayed to airborne solids and most gas streams such as CO2, or in any direction or position relative to the desired gas stream to provide a controlled wall type suppressant system

Application:

The liquid solution is made up in an initial concentrate, which can then be diluted to various strengths, including 5:1, 10:1, 20:1. The mixture can be sprayed/misted using various devices and misting technology.

Variable for other devises:

The system can be manufactured specifically to suppress dust when loading coal/grain or other material into a bulk container such as a ship or rail/truck container. Another type of apparatus can be manufactured specifically to suppress the smoke from a domestic or industrial stack including coal dust and underground mining, engine exhaust outlet, or extracting cold diesel fumes from traffic tunnels. Other types of apparatus can be manufactured specifically to suppress dust from truck wheels on an unsealed road.