HP BIOACTIVA

An Effective Bio-Additive for Effluent Treatment

Description:

Chemical Oxygen Demand (COD) and Biological Oxygen Demand (BOD) levels in refinery effluents are a result of the presence of hydrocarbons, sulphidic and phenolic compounds. Under normal conditions of steady effluent inflows with a relatively constant composition, existing Effluent Treatment Processes (ETPs) can effectively reduce the levels of pollutants within permissible limits. However, shock loadings of these compounds in effluents can offset ETPs affecting their efficiency.

HP Green R&D Centre has developed HP BIOACTIVA, a bio-additive which can help to restore the 'health' of ETPs. HP BIOACTIVA is a blend of carefully selected microorganisms that can withstand high concentrations of chemical pollutants in effluents.

Advantages:

Highly effective in drastically reducing the levels of COD and BOD within a very short time.

Applications:

Treatment of effluent streams
(specifically for the reduction of COD and BOD)