The IPC —Inclined Plate Clarifier

The IPC high performance Inclined Plate Clarifier system is excellent for separating and removing sinking solids, metallic floc, coagulated solids, sand and grit and any other settleable material from water or wastewater.

The IPC clarifier allows the sinking particles to settle on the inclined plates and slide downward off the bottom of the plate and into the sludge chamber. The ultra smooth inclined plates are angled at a steep 55 degrees suitable to cause the solids to slide downward while the treated water flow is upwards in a laminar flow pattern. The plates are spaced at 2” standard. Other plate spacing available to prevent clogging for high solids applications. The IPC Inclined Plate Clarifier has stainless steel adjustable effluent weir troughs to set even flow patterns thru the inclined plates to ensure the best possible utilization of the plate area. The Clari-More has a pyramidal bottom sludge chamber to thicken sludge as it accumulates in the bottom chamber. An optional bottom sludge auger is available with different sludge chamber configurations.

APPLIED MECHANICAL TECHNOLOGY—A WORLD CLASS SUPPLIER

Applied Mechanical Technology is a FULL SERVICE supplier to the water/wastewater industry. We not only design and build the core technology of our systems and equipment but we also install, optimize, startup, train operators and service them too. If you need a simple oil water separator—or a complete industrial wastewater system, Applied Mechanical Technology has the solution.