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Over 99,5% purity is reached from an impure fatty acid methyl ester (FAME) coming from the biodiesel fabrication process

WORKING PROCESS

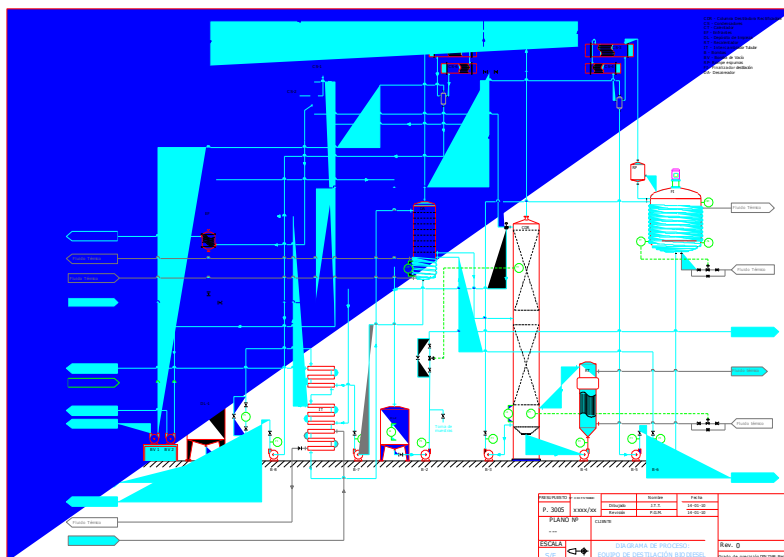
Over 99,5% quality is achieved from an impure mixture of Fatty Acid Methyl Ester (FAME) coming from the biodiesel production process with a purity of 90-94%.

Based on a continuous distillation system, formed by a degassing column, a distillation column and a finalizer-distiller equipped with a foambreaker. It incorporates an evaporator, a set of condensers, cooler of volatile substances, distilled methyl-ester deposit, process and vacuum pumps, as well as control mechanisms.

The system is mounted in "skid", a metallic structure with all the elements of the system interconnected, so that it is prepared to be easily installed on site.

PROCESS DIAGRAM

ATEX normative compliant



INSTALLATION EXAMPLES

| Installation of FAME DISTILLATION for **INTEGRAL BIOENERGIES SYSTEMS, S.L.** in Paiporta (Valencia) with a treatment capacity of 150 L/h. (Pilot Plant)

| Installation of FAME DISTILLATION for **BIOCARSA** in Cuevas de Almanzor (Almería) with a treatment capacity of 1.500 L/h.

| Installation of FAME DISTILLATION for **BIOCOM ENERGIA** in Algemés (Valencia) with a treatment capacity of 6.000 L/h.

| Installation of FAME DISTILLATION for **BIOOESTE** in Guia (Portugal) with a treatment capacity of 1.500 L/h.

| Installation of FAME DISTILLATION for **BDMED** en Onda (Castellón) with a treatment capacity of 100 L/h.