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PROCESS SYSTEM

**The must obtained
is CE 1493/1999
compliant**

The following system is specially designed to obtain concentrated must and grape juice from sulphite containing grape juice. The system produces high quality concentrate that complies both with strict regulation and the client needs (SO_2 , HMF, °Brix y THK) at low processing costs.

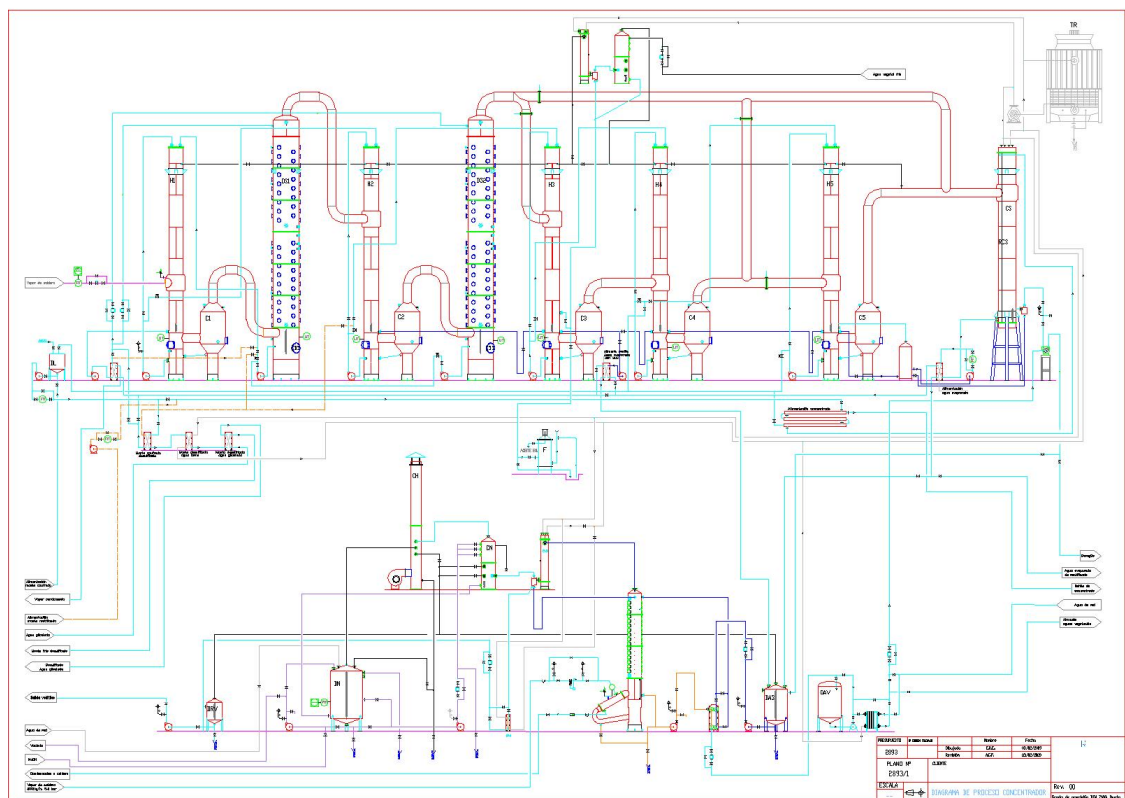
The main unit for obtaining ready to use grape must is the de-sulphiting unit. This unit can be attached to the evaporation unit in order to increase the energy efficiency of the process.

The equipment is mainly formed by three sub-units:

- A multiple effect evaporation de-sulphiting unit, operating under vacuum for sulphited grape must.
- SO_3 recovery system for evaporated vegetation water.
- Neutralization column for the SO_2 gas emissions.

Recovery of concentrated SO₃

The concentrated juice without SO_3 obtained after all the process is cooled and ready to sell or store.



INSTALLATION EXAMPLES

| Concentration and de-sulphitation system (grape must, fruit juice, ...) for J. GARCIA CARRIÓN in Jumilla (Murcia) with a treatment capacity of 10.000 Kg/h

| Concentration and de-sulphitation system (grape must, fruit juice, ...) for MOSTINSA in Valdepeñas (Ciudad Real) with a treatment capacity of 8.000 Kg/h

| Concentration and de-sulphitation system (grape must, fruit juice, ...) for VIÑAOLIVA in Almendralejo (Badajoz) with a treatment capacity of 8.000 Kg/h

| Concentration and de-sulphitation system (grape must, fruit juice, ...) for SECNA in Benifaio (Valencia) with a treatment capacity of 8.000 Kg/h

| Concentration and de-sulphitation system (grape must, fruit juice, ...) for MOSTOS DEL PACIFICO in Curicó (Chile) with a treatment capacity of 10.000 Kg/h

