

LIQUID MFG PLANT



TRANSFER PUMP



COARSE FILTER



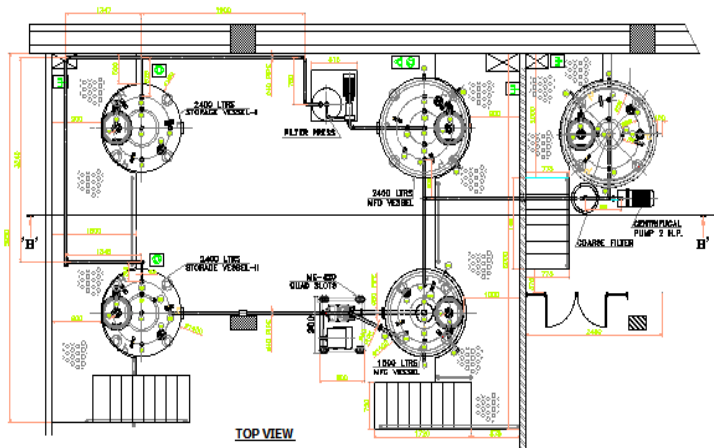
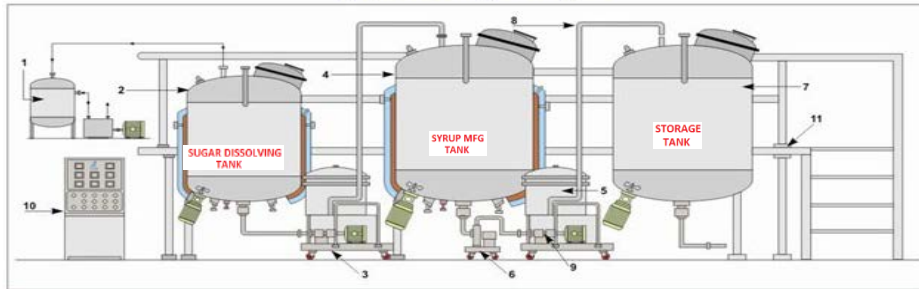
INLINE HOMOGENIZER



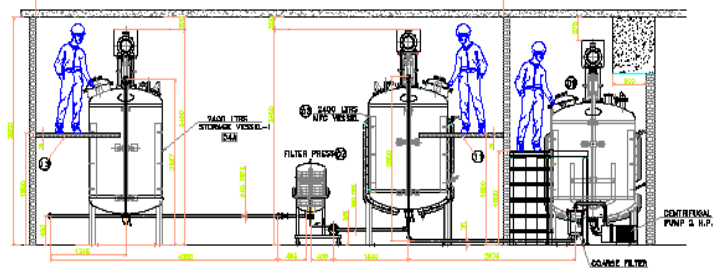
FILTERPRESS



Syrup Manufacturing Plant Diagram



TOP VIEW



VIEW SECTION B-B

SALIENT FEATURE:

- * This plant conforms to CGMP standards
- * These systems consist of a closed circuit manufacturing facility from feeding of Sugar / Water Phase to loading the Volumetric Liquid Filling Machine.
- * The Sugar and Water charging with vacuum system or by mechanical system or manually.
- * The Sugar Syrup Vessel is supplied with high speed stirrer & electrical heating (In small model) / steam heating facility (In bigger size model). The sugar syrup is prepared at required temperature & are transferred to Manufacturing Vessel by vacuum or by transfer pump through the Bag Filter.
- * The product during emulsion formation recirculates through In-Line Homogenizer or Liquid Transfer Pump. (Optional Facility)
- * The Pump also discharges the product in the Storage Vessel through Filter Press.
- * The Storage Vessel is then taken to the filling area (if it is small capacity) and is connected to again Liquid Transfer Pump. Or Storage Vessel remains fixed (In bigger size) & pump transfer the Liquids in the float tank which is connected with filling machine.
- * The entire Plant can be operated by centralized operating panel by one operator.
- * Provision for CIP/SIP system
- * Available in various batch capacities from 1000 Liters to 10,000 Liters.

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