PRA RANCANGAN PABRIK BIODIESEL DARI BIJI KARET DAN METHANOL DENGAN KAPASITAS 100.000 TON/TAHUN

PROCESS ENGINEERING FLOW DIAGRAM

KETERANGAN

LI = Level Indicator
TC = Temperature Controller
RC = Relative Controller
MD = Mass Flow
CT = Control Valve
DG = Downstream Valve
S = Safety Valve
TP = Temperature Probe

SIMBOL

P = Pump
E = Exchanger
FFA = Free Fatty Acid
HCl = Hydrochloric Acid
H3PO4 = Phosphoric Acid
H2O = Water
CH3OH = Methanol
Gum = Gum
H2SO4 = Sulfuric Acid
NaOH = Sodium Hydroxide
CaO = Calcium Oxide
CaSO4 = Calcium Sulfate

Dikerjakan oleh:

Angga Deri Saputra