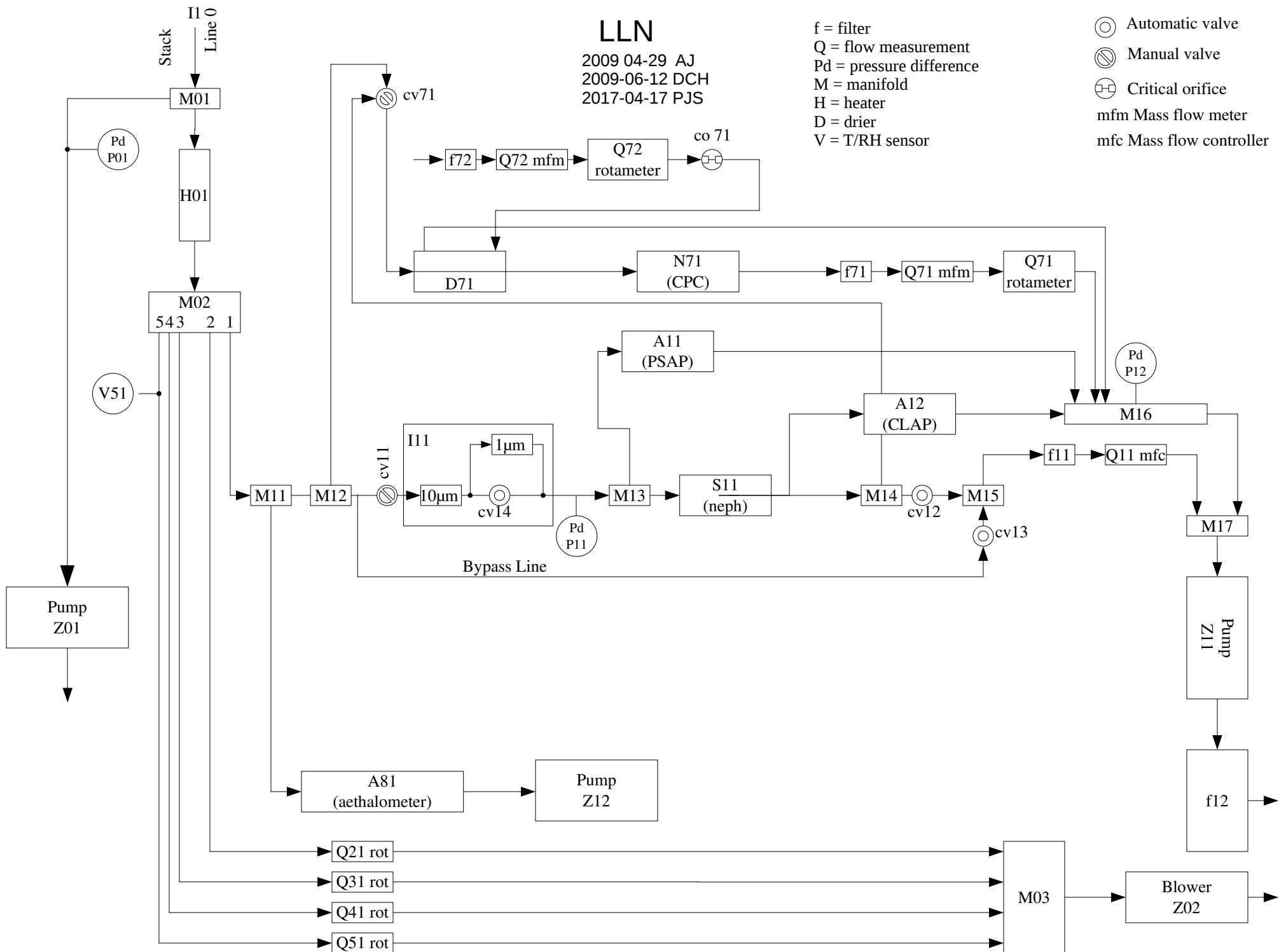


LLN

2009-04-29 AJ
2009-06-12 DCH
2017-04-17 PJS

f = filter
Q = flow measurement
Pd = pressure difference
M = manifold
H = heater
D = drier
V = T/RH sensor

⊙ Automatic valve
⊗ Manual valve
⊕ Critical orifice
mfm Mass flow meter
mfc Mass flow controller



Bap_B_3W -> BaS_A12
Bap_G -> BaO_A12
Bap_G_3W -> BaL_A12
Bap_R_3W -> BaC_A12
CN_control -> N_N71
dP_neph_imp_hPa -> Pd_P11
dp_Pitot_hPa -> Pd_P01
dP_spare2 -> Pd_P12
Flags -> F_aer
P_refNeph -> P_S11
Q_analyzer_lpm -> Q_Q11
Q_CN_lpm -> Q_Q71
Q_CNdrier_lpm -> Q_Q72
RefBbsp_B -> BbsB_S11
RefBbsp_G -> BbsG_S11
RefBbsp_R -> BbsR_S11
RefBsp_B -> BsB_S11
RefBsp_G -> BsG_S11
RefBsp_R -> BsR_S11
RH_Inlet -> U_V51
RH_refInlet -> Uu_S11
RH_refNeph -> U_S11
T_Inlet -> T_V51
T_refInlet -> Tu_S11
T_refNeph -> T_S11
T_stack_degC -> T_V01
T_uMAC_degC -> T_X1
V_uMAC_V -> V_X1

BaC_A12 -> Bap_R_3W
BaL_A12 -> Bap_G_3W
BaO_A12 -> Bap_G
BaS_A12 -> Bap_B_3W
BbsB_S11 -> RefBbsp_B
BbsG_S11 -> RefBbsp_G
BbsR_S11 -> RefBbsp_R
BsB_S11 -> RefBsp_B
BsG_S11 -> RefBsp_G
BsR_S11 -> RefBsp_R
F_aer -> Flags
N_N71 -> CN_control
P_S11 -> P_refNeph
Pd_P01 -> dp_Pitot_hPa
Pd_P11 -> dP_neph_imp_hPa
Pd_P12 -> dP_spare2
Q_Q11 -> Q_analyzer_lpm
Q_Q71 -> Q_CN_lpm
Q_Q72 -> Q_CNdrier_lpm
T_S11 -> T_refNeph
T_V01 -> T_stack_degC
T_V51 -> T_Inlet
T_X1 -> T_uMAC_degC
Tu_S11 -> T_refInlet
U_S11 -> RH_refNeph
U_V51 -> RH_Inlet
Uu_S11 -> RH_refInlet
V_X1 -> V_uMAC_V