



















































# SYMBOLS FOR FLOW DIAGRAM

	Shut-off valve	HV T	Manual operation		Agitator
	Ball valve	AV 	Pneumatic actuator	VH 	Closed vacuum housing
	Angle valve	RV 	Self working actuator	PE 	Pneumatic pressure reg. P.E.
NV 	Non-return valve	RV 	Diaphragm actuator	PS 	Pneumatic pressure reg. P.S.
NV 	Special non-return N.O. cip drilled	AV 	Solenoid for valves	PR 	Pressure regulator (combi air fitting)
AV 	T-valve pneumatic	RL 	Spring loading for valves	DP 	Dead weight pressure relief valve
AV 	Angle valve pneumatic	RV 	Adjustable spring loading for valves	DV 	Dead weight anti vacuum valve
AV 	Change-over valve pneumatic		Steam trap Non-return valve Dirt trap	●	Proximity switch N.C.
AV 	Leak-proof T-valve pneumatic	ST 	Steam trap	○	Proximity switch N.O.
AV 	Leak-proof angle valve pneumatic	SI 	Filter / strainer	SC 	Steam cooler
HV 	T-valve manual	PC 	Centrifugal pump	Y	Drain to sewer
HV 	Angle valve manual	PL 	Liquid ring pump		Drain to floor
HV 	Change over valve manual	PP 	Positive displacement pump		Blind cap
RV 	Control valve	SG 	Sightglass for pipe	OP 	Orifice plate
	Butterfly valve on flowpanel	SG 	Sightglass for tank	>	Cone
	Butterfly valve in line	LI 	Light fitting for sightglass	CB 	Carbonator
SC 	Sample cock	BD 	Bursting disc		Agitator aeration valve
SV 	Sample valve	SB 	Sprayball		
SP 	Sample point	CM 	Cleaning machine		

# INSTRUMENTS FOR FLOW DIAGRAM

PI	Pressure indicator	LM	Level switch medium level		
PE	Pressure sensing element	LH	Level switch high level		
PT	Pressure transmitter	FI	Flow indication		
PS	Pressure switch	FE	Flow sensing element		
PL	Pressure switch low press.	FT	Flow transmitter		
PM	Pressure switch medium press.	FS	Flow switch		
PH	Pressure switch high press.	CI	Conductivity indication		
TI	Thermometer	CT	Conductivity transmitter		
TE	Temperature sensing element	WI	Weight indication		
TT	Temperature transmitter	WT	Weight transmitter		
TS	Thermostat	WC	Load cell		
TL	Thermostat low temp.	M	Motor		
TM	Thermostat medium temp.	SC	Speed controller		
TH	Thermostat high temp.	YI	Yeast concentration indicator		
LI	Level indication Beer level gauge	YT	Yeast concentration transmitter		
LE	Level sensing element	YE	Yeast concentration element		
LT	Level transmitter				
LS	Level switch				
LL	Level switch low level				