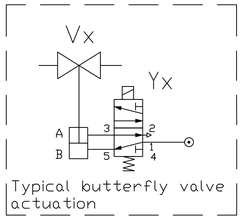
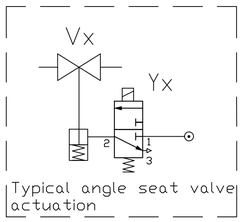
FLOW DIAGRAM
GEN2-MAX 5.5K - 50K

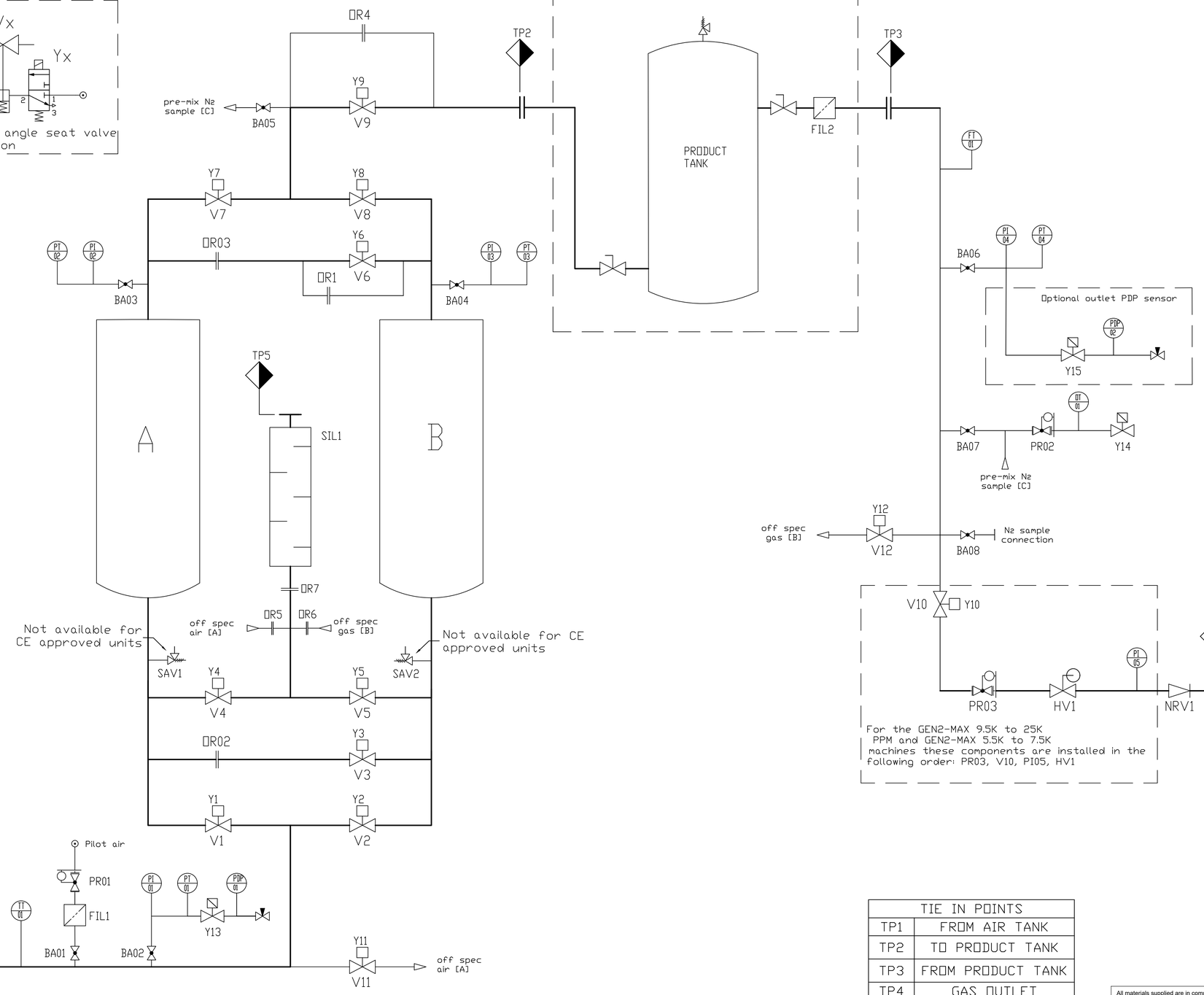


Typical butterfly valve actuation



Typical angle seat valve actuation

	BUTTERFLY VALVE	ANGLE SEAT VALVE
GEN2-MAX 5.5K - 7.5K PPM	V9	V1-V8,V10-12
GEN2-MAX 5.5K - 7.5K PCT	V9-V10	V-V8,V11-V12
GEN2-MAX 9.5K - 50K	V1-V10	V11-V12



TIE IN POINTS	
TP1	FROM AIR TANK
TP2	TO PRODUCT TANK
TP3	FROM PRODUCT TANK
TP4	GAS OUTLET
TP5	WASTE EXHAUST

hardware

A	ADSORBER A
B	ADSORBER B

valves

SIL1	BLOW OFF SILENCER
V1	INLET TRANSFER VALVE ADSORBER A
V2	INLET TRANSFER VALVE ADSORBER B
V3	BOTTOM EQUALISATION VALVE
V4	BLOW OFF VALVE ADSORBER A
V5	BLOW OFF VALVE ADSORBER B
V6	TOP EQUALISATION VALVE
V7	OUTLET TRANSFER ADSROBER A
V8	OUTLET TRANSFER ADSORBER B
V9	MINIMUM PRESSURE VALVE
V10	CONSUMER VALVE
V11	INLET FLUSHING VALVE
V12	OUTLET FLUSHING VALVE
Y1-Y12	SPOOL VALVE MONOSTABLE
Y13	INLET PDP SENSOR 2/2 SPOOLVALVE
Y14	PURITY SENSOR 2/2 SPOOLVALVE
Y15	OUTLET PDP SENSOR 2/2 SPOOLVALVE
BA01	PILOT AIR BALL VALVE
BA02	INLET PRESSURE BALL VALVE
BA03	ADSORBER A PRESSURE BALL VALVE
BA04	ADSORBER B PRESSURE BALL VALVE
BA05	PRE-MIX PURITY BALL VALVE
BA06	OUTLET PRESSURE BALL VALVE
BA07	NITROGEN PURITY ANALYSIS BALL VALVE
BA08	OUTLET SAMPLE BALL VALVE
SAV1	ADSORBER A SAFETY VALVE
SAV2	ADSORBER B SAFETY VALVE
PR01	PILOT AIR PRESSURE REGULATOR
PR02	NITROGEN PURITY PRESSURE REGULATOR
PR03	CONSUMER PRESSURE REGULATOR
HV1	MANUAL FLOW REGULATING VALVE
NRV1	NON RETURN VALVE

orifices

ØR01	REGENERATION PURGE NOZZLE
ØR02	BOTTOM EQUALISATION NOZZLE
ØR03	TOP EQUALISATION NOZZLE
ØR04	STARTUP NOZZLE
ØR05	INLET FLUSHING NOZZLE
ØR06	OUTLET FLUSHING NOZZLE
ØR07	EXHAUST NOZZLE

sensors

PT01	INLET PRESSURE TRANSMITTER
PT02	ADSORBER A PRESSURE TRANSMITTER
PT03	ADSORBER B PRESSURE TRANSMITTER
PT04	OUTLET PRESSURE TRANSMITTER
PDP01	INLET PRESSURE DEWPOINT
PDP02	OUTLET PRESSURE DEWPOINT (OPTIONAL)
TT01	INLET TEMPERATURE TRANSMITTER
FT01	NITROGEN FLOW TRANSMITTER
OT01	OXYGEN ANALYSER

filters

FIL1	PILOT AIR FILTER
FIL2	FINE OUTLET DUST FILTER

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Note	Posi-tion	Modified from	Date	Intr./Appd.
1			4/21/2022	NEEXTPRAP

All materials supplied are in compliance with the requirements of the List of Prohibited Substances

Parent 3D Model	Ed. Version 3D

Tolerances,if not indicated,according to:

Name	DIAGRAM FLOW	GEN2-MAX 5.5K - 50K	Confidentiality Class acc. to 1102K	
Material			Confidential	
Treatment	NOT APPLICABLE		ACD	
Scale	-.-	Family	A1	Compare 9827299511
Drawn by	INEEXTPRAP	Blank nr.		Replaces
Version Drwg	01	Blank wt. 0 Kg	Fini wt. Kg	Designation Sheet (01) 01
STATUS	RELEASED	Des checked.	Prod checked.	Approved. Date 1/28/2022

Drawing owner: NLY

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