



INSTRUMENT INDEX

AUTOMATIZACIÓN, CONTROL E INTEGRACIÓN DE

SEPARADOR DEL PRUEBAS DE PAD 2 ACD

DOCUMENT NAME: INSTRUMENT INDEX

DOCUMENT CODE: INSAGETC-6598-INS-LT03

SEPARATOR CAPACITY: 3000 BPD

AREA: SAFE AREA

SEPARATOR NUMBER: PT-SP-1502

OSI: 6598

PROCESS: GOP

ITEM	REV	TAG	P&ID	EQUIPMENT	MEASURED VARIABLE	DEVICE	CALIBRATED RANGE			ALARMS				SIGNAL TYPE	PART NUMBER	DATA SHEET No.	MANUFACTURER	MODEL NO.
							ENGR UNITS	MIN	MAX	LO LO	LO	HI	HI HI					
1	C	LSSH - 1001	INSAGTEC-6598-INS-PL01	Crude Level Switch	Level	Level switch high high	in	NA	NA	-	-	-	Note 1	DI		INSAGTEC-6598-INS-DC07	FW Murphy	LS200
2	C	LSSL - 1001	INSAGTEC-6598-INS-PL01	Crude Level Switch	Level	Level switch low low	in	NA	NA	Note 1	-	-	-	DI		INSAGTEC-6598-INS-DC07	FW Murphy	LS200
3	C	PSHH-1002	INSAGTEC-6598-INS-PL01	Gas Pressure Switch	Pressure	Pressure switch high high	PSIG	NA	NA	-	-	-	Note 1	DI		INSAGTEC-6598-INS-DC08	UE	J120-186
4	C	PSLL-1002	INSAGTEC-6598-INS-PL01	Gas Pressure Switch	Pressure	Pressure switch low low	PSIG	NA	NA	Note 1	-	-	-	DI		INSAGTEC-6598-INS-DC08	UE	J120-186
5	C	PIT - 1002	INSAGTEC-6598-INS-PL01	Gas Pressure Transmitter	Pressure	Pressure indicator transmitter	Psig	0	500	75	80	90	95	AI		INSAGTEC-6598-INS-DC09	Siemens	Sitrans P320
6	C	TIT - 1001	INSAGTEC-6598-INS-PL01	Crude Temperature Transmitter	Temperature	Temperature indicator transmitter	°F	0	400	-	-	-	195	AI		INSAGTEC-6598-INS-DC15	Siemens	Sitrans TF
7	C	LIT - 1001	INSAGTEC-6598-INS-PL01	Crude Level Transmitter	Level	Level indicator transmitter	mm	0	40	73	219	511	584	AI		INSAGTEC-6598-INS-DC10	Emerson	249BP
8	C	LV - 1001	INSAGTEC-6598-INS-PL01	Crude Level Valve	Percent	Level control valve	%	0	100	-	-	-	-	AQ		NA	Emerson	4160K
9	C	PV - 1002	INSAGTEC-6598-INS-PL01	Gas Pressure Valve	Percent	Pressure control valve	%	0	100	-	-	-	-	AQ		NA	Emerson	4160K
10	C	FIT - 1001	INSAGTEC-6598-INS-PL01	Gas Flow Transmitter	Flow	Flow indicator transmitter	BFPD	NA	NA	-	-	-	-	RS485		NA	Cameron	CC080L21SH11GG2444
11	C	TE - 1002	INSAGTEC-6598-INS-PL01	Gas Temperature Detector	Temperature	Resistance temperature detector	°F	0	800	-	-	-	-	A		INSAGTEC-6598-INS-DC11	Generic	PT100
12	C	FE - 1002	INSAGTEC-6598-INS-PL01	Gas Differential Pressure	Pressure	Orifice Plate	inH2O	0	200	-	-	-	-	Neum		NA	Daniel	89210466
13	C	FQIT - 1002	INSAGTEC-6598-INS-PL01	Flow Pressure Differential	Barrels per day	Flow meter transmitter	BPD	0	3000	Note 2	-	-	-	RS485		INSAGTEC-6598-INS-DC12	Cameron	Scanner 2000
14	C	PI - 1001	INSAGTEC-6598-INS-PL01	Gas Pressure Indicator	Pressure	Pressure Indicator	PSIG	0	300	-	-	-	-	NA		INSAGTEC-6598-INS-DC13	Winters	NA
15	C	LG - 1003	INSAGTEC-6598-INS-PL01	Crude Level Gauge	Level	Level Gauge	NA	NA	NA	-	-	-	-	NA		NA	NA	NA
16	C	TI - 1001	INSAGTEC-6598-INS-PL01	Fluid Temperature Gauge	Temperature	Temperature indicator	°F	0	300	-	-	-	-	NA		INSAGTEC-6598-INS-DC14	Ritherm	2322-B

Note 1: Value according to the installed height
Note 2: Value to be defined during commissioning
Note 3: The equipment highlighted in blue are those existing in the project.

INSA	INSA	GTEC	Rev
Elaborated by: Instrumentista Signature: Joan Chirinos Date:2023-12-04	Approved by: Director de operaciones Signature: Euro Guerrero Date: 2023-12-04	Approved by: Signature: Date:	<input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> X <small>Comments: Envíe el final del documento</small>

CHANGE CONTROL		
Versión	Description	Date
1	Emisión inicial del documento A1	2023-08-04
1	Emisión para revisión del docuemento B1	2023-08-25
1	Emisión final del documento C	2023-12-04