

		REV	BY	DATE (YYYY-MM-DD)	ISSUED FOR	DATE	4/28/2020						
CLIENT		CononcoPhillips		A01	DD	2/25/2020	ISSUED FOR DESIGN		REQ	CPC117-ME-MR-0015			
PROJECT		Montney Field Development		A02	BR	3/17/2020	ISSUED FOR REVIEW		PO	63635			
LSD		C-11-K/94-A-12		A03	BR	4/28/2020	ISSUED FOR REVIEW		BY	CHK	PRO	APR	
MODULE NUMBER		2-I-6070		A04	TS	9/13/2021	PURCHASE		TS	ER	TS	ER	
GENERAL	1	TAG NUMBER		2-I-6070		GENERAL	62	WEIGHT (kg)		Total approximate weight - 61689 kg. Exact weight TBD - dependent on ladder design, piping location etc			
	2	NAME		GP INCINERATOR			63	EMPTY (including internals) (kg)		61689			
	3	SERVICE		INCINERATOR			64	INTERNALS (kg)		N/A			
SITE DATA	4	LOCATION		OUTDOOR		GENERAL	65	OPERATING WEIGHT (kg)		N/A			
	5						66	HYDROTEST WEIGHT (kg)		N/A			
	6	TYPE		Stack			67	SHIPPING WEIGHT (kg)		61689			
MECHANICAL	7	VENDOR		Questor Technology Inc.		GENERAL	68	VENDOR REF. DRAWINGS		Q1000-19-1248-D5-001 Rev B			
	8	SITE DATA SHEET ATTACHED		NO			69	SITE DATA		Refer to CPC117-ME-MR-0015 Appendices			
	9	SITE DATA SHEET DOC NUMBER		CPC117-ME-MR-0015 Appendix B			70	DETAILS		Incinerator Stack			
MECHANICAL	10	HEIGHT (m):		60.96		PROCESS	71	ACID GAS TO INCINERATOR -		Max Acceptable Flow Case (with 384 ppm H2S Plant Inlet - Ph1 Ph2 H2S Plant Inlet: 409 / 362 ppm)			
	11	MAX. ALLOWED RADIATION AT STACK BASE (including solar):		N/A			72	FLOWRATE: E3M3/D		10.2			
	12	STACK TO COMPLY W/ STANDARD:		ALL-A0A-GE-00-MST-0016			73	PRESSURE : kPag		8			
MECHANICAL	13	HEIGHT AND DIAMETER: (mm)		60960 X 1250 (exit ID)		PROCESS	74	TEMPERATURE : Deg C		45.4			
	14	MATERIAL (ASTM):		A36			75	MINIMUM TEMP.: Deg C		10			
	15	MINIMUM THICKNESS:		12.7 mm			76	LHV : MJ/sm3		14.3			
MECHANICAL	16	CORROSION ALLOWANCE:		3.2 mm		PROCESS	77	MW : g / gmol		36.92			
	17	INSULATION SPEC:		N/A			78						
	18	PAINTING SPEC:		Transport Canada (Or Superseding Prov. Regs)			79	MACH NUMBER		N/A			
MECHANICAL	19	AMBIENT TEMPERATURE :		-45C to 33C		PROCESS	80	EXIT VELOCITY (m/s)		25 (VTA)			
	20	DESIGN WIND SPEED :		Refer to CPC117-ME-MR-0015 Appendix B			81	TIP PRESSURE DROP (kPa)		N/A			
	21	SITE ELEVATION		910m			82	STACK PRESSURE DROP (kPa)		< 1.3			
MECHANICAL	22	MIN / MAX TEMP. :		-45C to 33C		PROCESS	83	SEAL PRESSURE DROP (kPa)		N/A			
	23	SEISMIC DESIGN		Refer to CPC117-ME-MR-0015 Appendix B			84			COMPOSITION			
	24	BASE PLATE SIZE (OD)		2440 mm			85	COMPONENT		MOL FRACTION			
MECHANICAL	25	BASE PLATE MATERIAL		A36		PROCESS	86	He		0.00000			
	26	ANCHOR BOLT TYPE		F1554 Gr. 55			87	H2		0.00000			
	27	ANCHOR BOLT QTY AND SIZE		48 x 1.5"			88	H2S		0.27980			
MECHANICAL	28	INCINERATOR TIP TYPE		N/A		PROCESS	89	N2		0.00010			
	29	INCINERATOR TIP DIAMETER (ID)		1250 mm			90	CO2		0.51070			
	30	INCINERATOR TIP MATERIAL		304L SS			91	H2O		0.05170			
MECHANICAL	31	INCINERATOR TIP WIND SHROUD		N/A		PROCESS	92	C1		0.10180			
	32	SEAL TYPE		N/A			93	C2		0.02690			
	33	SEAL SIZE DIA X LENGTH (mm X mm)		N/A			94	C3		0.01320			
PILOTS & IGNITION SYSTEM	34	PILOT QTY		2		PROCESS	95	i-C4		0.01020			
	35	PILOT MODEL NO.		1500			96	n-C4		0.00400			
	36	PILOT TYPE		Continuous			97	22-MC3		0.00000			
PILOTS & IGNITION SYSTEM	37	PILOT MANUFACTURER		ACL		PROCESS	98	i-C5		0.00050			
	38	FLAME DETECTION		Flame Ionization			99	n-C5		0.00050			
	39	THERMOCOUPLE QTY		3			100	UCARSOL HS-101 (DRY)		0.00000			
PILOTS & IGNITION SYSTEM	40	FLAME FAIL ALARM		YES		PROCESS	101	TOTAL (must equal 1.0)		1.00			
	41	THERMOCOUPLE TYPE		WIKA			102			FUEL GAS MANIFOLD			
	42	IGNITION TYPE		Spark			103	DESIGN TEMPERATURE: Deg C		-45 to 38			
PILOTS & IGNITION SYSTEM	43	IGNITION POWER		24 VDC		PROCESS	104	DESIGN PRESSURE: kPag		344.7			
	44	IGNITION MONITOR SYSTEM		N/A			105	CORROSION ALLOWANCE: mm		1.5			
	45	RE-IGNITION SYSTEM		3 Attempts			106	NON-DESTRUCTIVE EXAMINATION:		None			
PILOTS & IGNITION SYSTEM	46	IGNITOR QTY		2		PROCESS	107	DESIGN CODE:		CSA B149.3			
	47	IGNITOR MODEL NO.		1500			108	MAX FUEL TRAIN HEAT INPUT (MJ/hr)		VTA			
	48	IGNITOR TYPE		Spark			109						
PILOTS & IGNITION SYSTEM	49	IGNITOR MANUFACTURER		ACL		PROCESS							
	50	FABRICATOR TO PROVIDE											
	51	PURGE REDUCTION DEVICE		NO			D.O.T. PAINTING		YES		SANDBLASTING		YES
PILOTS & IGNITION SYSTEM	52	AIRCRAFT WARNING BEACON		YES		LADDER C/W CAGE		YES		EXTERNAL PAINTING/COATING		YES	
	53	RETRACTABLE PILOT		NO		SKIRT & BASE RING		YES		INTERNAL COATING		N/R, refractory lined	
	54	RETRACTABLE IGNITOR		NO		PLATFORM		YES (EXACT PLATFORM DESIGN TBD)		LIFTING LUGS		YES	
PILOTS & IGNITION SYSTEM	55	RETRACTABLE THERMOCOUPLE		NO		FLANGED SECTIONS		YES		TAILING LUGS		YES	
	56	VENDOR TO ASSEMBLE		NO		WELDED SECTIONS		NO		GROUND LUG		YES	
	57	CONNECTIONS											
PILOTS & IGNITION SYSTEM	58	SERVICE	SIZE	RATING	ANGLE	COMMENT		SERVICE	SIZE	RATING	ANGLE	COMMENT	
	59	FUEL GAS	3"	150#	90	Vendor boundary connections							
	60	ACID GAS	4"	150#	90	Vendor boundary connections							
NOTES (GENERAL FOR DATA SHEET)	61												
	1	Composition given for Phase 2 425 ppm H2S inlet case, to keep SO2 emissions under 7.9 Tonne/Day.											
	2	See Reference Document Q1000-19-1248-D5-001 for additional information.											
NOTES (GENERAL FOR DATA SHEET)	3												
	4												
	5												
NOTES (GENERAL FOR DATA SHEET)	6												
	7												
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NOTES (GENERAL FOR DATA SHEET)	9												
	10												
	11												