

EQUIPMENT DATA SHEET (INCL. PREDICTED PERFORMANCE CURVE)

CLIENT : Air Products Manufacturing LLC

PROJECT NAME/NO. : WEP Renewables

CLIENT PO NO : 4505726924

HMD DOCUMENT NO : HMD-4505726924-C04-01

CLIENT DOCUMENT NO : EN207125-SNDYN-9V3-00023

HMD PUMP NO : 840113 A/B

EQUIPMENT TAG NO : 19-P-052 A/B

1	27/10/2022	ISSUE FOR REVIEW	AFS	KW	NW
0	16/09/2022	ISSUE FOR REVIEW	KW	AFS	NW
REV	DATE	DESCRIPTION	PREPARED BY	CHECKED BY	APPROVED BY

NOTE:



RESOLUTION SHEET

2 Co		Revision from which comment first appeared	Comment Status: Open\Closed -	
	CLIENT COMMENT	Current Rev:	(Date Closed:)	
1	Please correct the format - typical comment	Noted and updated.	0	Closed (27/10/2022)
2	Correct MAWP at 300 Deg F	Noted and updated.	0	Closed (27/10/2022)
3	Mention in PSI	Noted and updated.	0	Closed (27/10/2022)
4	Specify make/model	Noted and updated.	0	Closed (27/10/2022)



WORLD ENERGY PARAMOUNT
World Energy Renewables Project
Paramount, California

MECHANICAL EQUIPMENT DATASHEET

Document Number: A8KM-19-090-540211-A

Rev. 1, 27-Oct-2022

EN203076-FLUOR-GD1-00050



WORLD ENERGY RENEWABLES PROJECT

MECHANICAL EQUIPMENT DATA SHEET FOR 19-P-052A/B DECANTING TANK OIL PUMPS

Document No. HMD-4505726924-C04-01

Fluor Project No: A8KM

1	27-Oct-22	Issue for Review	5	AFS	KW	NW
0	16-Sep-22	Issue for Review	5	KW	AFS	NW
REV	DATE	DESCRIPTION	PAGES	ORIG	CHK'D	APPV'D

These documents contain confidential and proprietary information of Fluor Enterprises, Inc. They are provided under a Secrecy or Confidentiality Agreement with Fluor and are to be used solely in accordance with the provisions of the relevant agreement. These documents are copyrighted as an unpublished work. Copyright resides with Fluor Corporation. All Rights Reserved. Unauthorized copying, reproduction or use of these documents may result in copyright infringement or other crimes punishable in both civil and criminal courts.

world energy
FLUOR.

ASME B73.3 SEALLESS PUMP

Contract:	A8KM		
Item No.:	19-P-052A/B		
Revision:	1		
Date:	27-Oct-2022		
P.O No.	4505726924		
Inquiry No.	A8KM-4-615		
Shoot	2 of	6	

			DATA	SHEE	T	P.O No.	45	505726924		
FLUC	D					Inquiry No.	A	BKM-4-615		
FLU C	In.					Sheet	2	of	6	Rev
ISSUED FOR:	☐ PROF	POSAL	☑ PUR	CHASE	☐ AS	BUILT				1
SITE	World En	ergy Renewa	bles Project / Parar	nount Cal	lifornia					
ITEM NAME: Decanti	ng Tank Oil Pum	ıps			CLIENT	World Energy	/ Paramount			
ITEM TAG NO.: 19-P-052	2A/B				PROJECT NO.:	A8KM				
SERVICE: Decanti	ng Tank Oil Pum	ıps			PURCHASER ORDER	NO.: A8KM-4-615-	PO-3			
UNIT: Pretreat	Wastewater Tre	atment Unit (PWTU)		SUPPLIER/LOCATION:	Sundyne, HM	D Kontro / Eastbou	rne, UK		
TYPE Magneti	c Drive Pump				SUPPLIER ORDER/SEF	RIAL NOS.:	/ 840113	A/B		
DATA PROVIDED BY:	♦ PI	JRCHASER	♦ SUP	PLIER	SUPPLIER	IF NOT BY PURCHAS	SER			1
GENERAL										
NO. REQ.: 2 x 100%	♦ PUMF	SIZE: GSA	1.5x1x8	_	MODEL GSA Frame 1					
NUMBER MOTOR DRIVEN:	Two (2	2)	NUMBER TURBINE	DRIVEN:	N/A					
MOTOR ITEM NUMBER:	19-P-052A	M/BM	TURBINE ITEM NUM	/BER	N/A	GEARBOX ITEM	NUMBER:	N/A		
MOTOR PROVIDED BY:	Pump Sup	plier	TURBINE PROVIDE	D BY:	N/A	GEARBOX PROV	IDED BY:	N/A		
MOTOR MOUNTED BY:	Pump Sup	plier	TURBINE MOUNTE	D BY:	N/A	GEARBOX MOUN	NTED BY:	N/A		
OPERATING COND					PERFORMANCE					_
OI EIGHING GONE	RATED	MAX.	NORMAL MIN.		PERFORMANCE CURV	/E NO.: K6/60-4				\dashv
NPSHa Datum		C.L.Im			MEASURED AT CAPY.:		MAX. NORMAL	MIN		
CAPACITY:	16.5		15 4.5	gpm	NPSH REQ'D.:	1.3		Ī		
SUCTION PRESSURE:	7.0	10.0		psig	TOTAL DIFFERENTIAL		ELLER: 54	.!		
DISCHARGE PRESSURE:	28.1	10.0		psig	MAX. DIFFERENTIAL H	•				
DIFFERENTIAL PRESSURE				psi	MINIMUM CONTINUOU	•	<u> </u>			
DIFFERENTIAL HEAD:	54.0			ft	THERMAL:	GPM	STABLE: 2.78	GPI	М	
HYDRAULIC POWER	0.2			HP	ALLOWABLE OPERATI		774 TO: 37			
AT DESIGNATED CAPACIT	L.	MAX.	NORMAL MIN.	—''"	ALLOWABLE OF LIVATI	<u>Z.</u>	10. 31	.0011	IVI	
OPERATING TIME:	I. KAILD	IVIAX.	NOTAWAL WIIN.	%	BEST EFFICIENCY PO	INIT EOD DATED IMDE	ELLER: 27.9	GPI	M	
NPSH AVAILABLE:	51.03	Evoludes	Req'd 3ft Margin	→ ``	SUCTION SPECIFIC SF		<u> 27.5</u>		IVI	
SYSTEM DESIGN:	31.03	LXCIUUGS	s requisit margin	 "	IMPELLER DIA.: RA		AX.: 8.15 MI	N.: 5.51		
STAND ALONE OP	-DATION		EL OPERATION							
_			EL OPERATION		PUMP RATED POWER		EFFICIENCY:	12.170		
		JMBEK: , _			MAXIMUM POWER @ F		2.1 BHP			
SUCTION PRESSURE	MIN/MAX:	/ -	psig		CASE PRESSURE RAT		000 000	2	000 05	. 🗕
SERVICE:					 	BLE WORKING PRES		y <u> </u>	°F	1
☐ CONTINUOUS	✓ INTERMI	ITENT:	STARTS/DA	Y	<u> </u>	C TEST PRESSURE:	425 PSIG			
SYSTEM CONTROL METH		•	_		CONTAINMENT SHELL					
	_	LEVEL	☐ TEMPERAT	JRE	 	BLE WORKING PRES		<u>3</u>	°F	1
	PIPE FRICTION F	RESISTANCE	ONLY			C TEST PRESSURE:	425 PSIG			_
PUMPED FLUID					SITE CONDITIONS					_
PUMPED FLUID:		Decanted C			LOCATION:				CONDITIONS	
	RATED	MAX. NO	RMAL MIN.		☐ INDOOR	☐ HEATED	☐ UNDER RO		LTAGE: <u>460</u>	
PUMPING TEMP.:	120	250	٥	F	✓ OUTDOOR	☐ UNHEATED	☐ PARTIAL S		ASE: <u>3</u>	
AT DESIGNATED TEMP.:					ALTITUDE: 69	m		HEI	RTZ: <u>60</u>	
SPECIFIC GRAVITY:	0.904				RANGE OF AMBIENT T		.: 35 /	104	1 °F	:
VAPOR PRESSURE:	1.69			sia	ELECTRICAL CLASSIF	ICATION:				
VISCOSITY:	25.14		C	:P	CL.: I GR		2TEMP:	T3C		
SPECIFIC HEAT:			k	tu/lb°F	☐ NON HAZARD	ous 🗆 w	INTERIZATION REC	≀UIRED		
☐ VAPOR PRESSURE	VS TEMPERAT	URE CURVE I	PROVIDED		NOTES:					
LIQUID: HAZARI	oous [] FLAMMABL	E		2.1. Pump centerlin	ne is assumed to be 3	3'-0" above grade ar	id 27" above to	эр	
CORROSIVE / EROSIVI	E AGENT:				of foundation.					
CHLORIDE CONCENTE	RATION:			ppm	2.2. Pump supports	s shall meet design lo	oad requirements po	er Project Spec	c. A8KM-	
H₂S CONCENTRATION	: <u> </u>		r	pm	PP-000-400002-A, S	Structural Data for Me	echanical Equipmen	t, and		
OTHER:					A8KM-PP-000-2000	01-A, Plant Site Data	Sheet.			
% SOLIDS:	MAX. PAF	RTICLE SIZE:	i	n —	2.3 Pump to be ele	ectrically heat traced	by others. Pump ve	ndor to supply	/ a fitted	L
					insulation blanket	for the pump casing.				
					2.4 This is a light li	quid service which re	equires either a dua	seal or		
					a sealless pump					
					provided under a Secrecy or Co					
provisions of the relevant ag	greement. These do				Copyright resides with Fluor Corp at or other crimes punishable in l			y, reproduction of	use of these	

				Contract:		A8KM	\top
				Item No.:	19-F	P-052A/B	
	world energy	ASME B73.3		Revision:		1	
	world energy	SEALLESS PU		Date:	27-0	Oct-2022	
		DATA SHEE		P.O No.		5726924	
		DATA SHEE	•	Inquiry No.		(M-4-615	-
	FLUOR						_
			Τ Δ	Sheet	;	3 of 6	Re
1	MAGNETIC DRIVE PUMPS		◆ MOTOR DRIVER	(See sheet 6)			
2	✓ MAGNETIC COUPLING		MANUFACTURER:		Balder		
3	☐ EDDY CURRENT		HORSEPOWER: 5		SPEED: 1750	rpm	
4	☐ SOFT START REQUIRED		FRAME: 184 T	ENCLO	SURE: CI.1	Div.2 Gr.A,B,C,D	гзс
	MAGNET SIZED TO HANDLE:	_	TYPE:	SERVIO	CE FACTOR:		
6	☑ RATED CAPACITY ☐ BE	P FULL LOCKED MOTOR TORQUE	NOTE: see no	ites below			
7	CONTAINMENT SHELL:						
9	RADIAL CLEARANCE TO OUTER MA	GNET RING 0.042/0.028 in	◆ MECHANICAL DA	ιΤΑ			
10	RADIAL CLEARANCE TO INNER ROT	OR: 0.037/0.020 in	PUMP MUST MEET A	SME B73.3 DIMENSIO	NAL REQUIREMEN	NTS:	
11	MAGNET & BEARING FLUSHING (INT	T. / EXT.): INT	✓ YES □	NO			
12	EDDY CURRENT LOSSES THROUGH	SHELL: 0.25kW	NOZZLE CONNECTIO	NS:			
13	HEAT GENERATION IN THE SHELL:			SIZE RATING	FACING		
14	DECOUPLE TORQUE: 30.97	lb ft SAFETY FACTOR: 5.75 at duty	SUCTION:	1.5 150#	RF		
15	LOCKED ROTOR TORQUE:	lb ft conditions	DISCHARGE:	1 150#	RF		
17		OUTER INNER	VENT				
17	Mech	anical retianed Mechanical retianed	V LINI	+		I	\vdash
18		and glued and glued	DRAIN:	1/2	ed 🗹 Welded and	l Flanged	
19	TEMP. LIMITATION:	401 401 °F	IMPELLER TYPE:				
20	HERMETICALLY SEALED:	Yes Yes	✓ CLOSED	☐ OPEN	☐ SEMI-C	PEN	
21	NUMBER OF MAGNETS:	24 24	OTHER:	_ 0	C_IVII-C		
22	TOTAL TORQUE:	lb ft	CASING MOUNTING:				\vdash
23	EXTERNAL ROTOR BEARINGS:	π σιη	FOOT	☐ CENTERLI	NE UERTIC	AL INLLINE	\vdash
			_	_			
24	◆ MANUFACTURER: SKF	-	CONTAINMENTS	HELL / STATOR LINE	N FRESSUKE KATI	110. 2/4 psi	
25 26	COUPLING END BEARING TYPE / NO	BALL-RACE-CST-6209-STD FIT	PAINT AND SHIP	MENT PREPARATION			-
20	OGGI ENTO END BEARING THE FINE	BALL-INGL-001-0203-015111	1 AIRT ARD OTHER	WENT THE ANATON			-
27	IMPELLER END BEARING TYPE / NO	:: BALL-RACE-CST-6209-STD FIT	PUMP:		BASEPLATE:		
28	LUBRICATION: 🗌 GREASE 🗹	FLINGER CONSTANT LEVEL OILER	☑ MANUFACTUF	RER'S STD.	☑ MANUFACTUR	ER'S STD.	
29	OTHER: 3/4in BULLS E	YE SIGHT GLASS HOUSING VENT	✓ OTHER: No	ote 3.3	☑ OTHER: Not	e 3.3	
30	_	PIECE SIGHT GLASS FOR OIL DRAIN	SHIPMENT:				
31	(,	RAIN PLUG IN HOUSING REQUIRED	✓ DOMESTIC	☐ EXPORT	□ EXPORT B	OXING REQ'D.	
32	BEARING ISOLATORS: Inpro	VIIVI EGG IIVIIGGGIIVG NEQGIIVED		NTHS OF STORAGE:	12	OXIIVO NEQ D.	
33	OIL VISCOSITY ISO GRADE:		✓ TOTAL WEIGH		lbs	•	
				-			_
	COUPLING (Note 3.5)	TVDE EL 11 _ D;	INSPECTION AND ☐ FINAL INSPEC				\dashv
36	MANUFACTURER: John Cra		_	CATION REQUIRED:	40		
37	SIZE: TSKS 13	MODEL: Metastream TSKS			10	05571510475	
38	SPACER LENGTH: 100	mm	TEST	NONWITNESSED	WITNESSED	<u>CERTIFICATE</u>	
39		NUFACTURER'S STANDARD	HYDROSTATIC:	<u> </u>		<u> </u>	
40		N-SPARK COUPLING GUARD REQUIRED	PERFORMANCE:	✓		<u> </u>	
41	MATERIAL IF NOT SPECIFIED BY PU	RCHASER:	NPSHR: (Note 3	3.1)			
43	SANNED MOTOR PUMPS		VIBRATION:	✓		~	
44	SOFT START REQ'D		OTHER:				
45	STATORLINER: SECONDARY	CONTAINMENT TO FULL PRESSURE	☐ DISMANTLE A	AND INSPECT AFTER	TEST		
46	RATING REQU	JIRED	✓ CASTING REF	PAIR PROCEDURE AF	PROVAL REQUIRE	:D	
47	RADIAL CLEARANCE TO ROTOR	:in	MATERIAL CERTIFICA	ATION REQUIRED:			
48	♦ LINER TO CASING SEALING METHO	D:	✓ CASING ✓	COVER IMF	PELLER 🗹 SHA	AFT	
49	☐ SEAL WELDED ☐ OTHER		OTHER:	_ -			
50	HEAT GENERATION IN THE LINER:	btu/hr	INSPECTION REQUIR	RED FOR CONNECTIO	N WELDS:		
51	LOCKED ROTOR TORQUE:	lb ft		RER'S STANDARD	_	SPECTION	
52	◆ STATOR CAVITY:		INSPECTION REQUIR		חווטאו ר	C. ECHON	
		C OTHER:			□ NDT ''	SDECTION	\vdash
53		OTHER:		RER'S STANDARD	רו או ומא	SPECTION	\vdash
54	ROTOR BEARINGS:		OTHER:				
56	IMPELLER END BEARING TYPE:		MANUFACTURER	R DOCUMENTATION F	REQUIREMENTS		
57	OUTBOARD END BEARING TYPE:		FOR DATA REQUIRE	MENTS REFER TO:	Attached SDD	C form	
58	NOTES:		REMARKS:				
59			3.1. Deleted				
60			3.2. Constant leve	el oiler shall be Trico			
61			3.3. Manufacturer	's standard paint in c	ompliance with		
62			ISO 12944-5 C4 is		-	_	
63				aging sufficient for 12	months of storage	is	
64		_		oment shipping from			
65		_	3.5 Deleted				
66		_	-	sight glass will be su	upplied in 3/4" size.		
67				5 5 .2 25 00			
68							
69							
П		etary information of Fluor Enterprises, Inc. They are provide					
		documents are copyrighted as an unpublished work. Cop these documents may result in copyright infringement or				ng, reproduction or use of	of —
Ш		mese documents may result in copyright intringement or (when whithers britishable in po	our civil and criminal courts).		I_

world energy
FLUOR.

ASME B73.3 SEALLESS PUMP DATA SHEET

Contract:	A8KM		
Item No.:	19-P-052A/B		
Revision:	1		
Date:	27-Oct-2022		
P.O No.	4505726924		
Inquiry No.	A8KM-4-615		
014	4 -4	-	Б

	FLUUR			Sheet	4 of	5	Rev
1	A	(N/A)	INSTRUMENTATIO		4 01		IXE
	NAME OF FLUID:	(IVA)		ECONDARY CONTAINME	'NT RY		_
	SUPPLY TEMP. NORM:	 °F	□ PURCHASER	SUPPLIE			
	ALLOWABLE TEMP. RISE:	' °F	_	L: Magnetrol - Echotel 9			1
		ppmw	VIBRATION MONITOR		01		
6	SUPPLY PRESSURE:	psig	PURCHASER	SUPPLIE	P		
	MAX. ALLOWABLE ΔP:	psi psi	MAKE / MODE		IX.		
8	GALVANIZED PIPE	PSI STAINLESS STEEL TUBING	MOTOR LOAD PROTE				
	_	STAINLESS STEEL TOBING	✓ PURCHASER		D		
9	SIGHT FLOW INDICATOR		_		ĸ		
10	OUTLET SHUT-OFF VALVE		MAKE / MODE				
	REMARKS:		_	W BYPASS PROVIDED B	Y PURCHASER		
12			◆ TEMPERATURE &				
13	A DIDINO DI ANO AOME DEGO		TEMPERATUR				
	PIPING PLANS: ASME B73.3		☐ THERMOWELL				
	HEATING AND COOLING PIPING PLAN:	104 114	PRESSURE GA		DDODEC MDD OMD		
	PUMP FLUID CIRCULATION PLAN:	101 or 111		T SHELL TEMPERATURE			
17	▲ MATERIAL C		- -	OR WINDING THERMOS	CIAI		-
	MATERIAL CLASS CORE	201	_	AR INDICATOR - CMP	. 4. h. h. h. l . l . l .		-
	MATERIAL CLASS CODE:	CD4		gnetrol liquid level prob	e to be included for		\vdash
	CASING:	25% Chrome Duplex (CE3MN Gr.5A)	leak detection.				
	IMPELLER:	25% Chrome Duplex (CE3MN Gr.5A)	-				
22	CASE / IMPELLER WEAR RINGS:	ASTM A276 S32760 / NA					
23	SHAFT:	25% Chrome Duplex (ASTM A276 S32750)					
24	CONTAINMENT SHELL:	Alloy C 276					
25	STATOR LINER:	N/A					
26	MAGNET (OUTER DRIVE RING):	Samarium Cobalt (Fully Encapsulated)					
	INNER ROTOR:	Alloy C 276					
	SLEEVE BEARING:	Silicone Carbide					
	THRUST BEARING:	Silicone Carbide					
	DRIVER BEARING HOUSING:	SG IRON					
	WETTED FASTENERS:	Alloy C 276					
	BASEPLATE:	Carbon Steel					
	COUPLING GUARD:	Non-Spark Brass					
	ELECTRICAL PENETRATION SEALANT:	non opain Diaco					
	REMARKS: 25% Cr DSS in lieu of 0	CD4 is acceptable.					
36	However, the nitrogen content shall b	•					
37							
38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48							
49							
50							
51							
52							
53							
54							
55							
56	These documents contain confidential and an	oprietary information of Fluor Enterprises, Inc. They	are provided under a Secreta	or Confidentiality Agraement	with Fluor and are to be used	solely in	+
		reement. These documents are copyrighted as an ur					,
	reproduction or	use of these documents may result in copyright infri	ngement or other crimes pun	ishable in both civil and crimin	al courts.		1



ASME B73.3

A8KM Contract: 19-P-052A/B Item No.: Revision:

[USg.p.m.]

woi id Ci	ici gy	A	SME B73.3	Revision	:	1	
		SEA	LLESS PUMP	Date	: 2	7-Oct-2022	
		D	ATA SHEET	P.O No	. 4	505726924	
FLU	OP	5,	(I) (OIILLI	Inquiry No	-	.8KM-4-615	
FLU	UN _®			Sheet		5 of 5	Rev
				Ť.	W		
Predicted Pump Curve	· ·			Impeller type Impeller construc	- C	ial Vane	
0 0				impelier constitut	Max.	inch 8,15	-1
Performance curve	K8/60-4			impeller Ø	Designed	inch 8	-
Impeller type Direction of rotation	Radial Vane Clockwise from the	a drive and		A CONTRACTOR OF THE PARTY OF TH	Min.	inch 5.51	**
Impeller construction	Closed	e unive enu		P39.	Nominal	US g.p.m. 16.9	
Impeller Eye Area	PRESCRIBER	(US unit) 5590		Flow	Max.	US g.p.m. 37.6	
Frequency	60 Hz Hz Spec	ALBOMORENTHINGS LANGUAGE			Min. Nominal	US g.p.m. 2.78 ft 56.5	
10		W 100000 1000000		Head	at Max Flow-	ft 29	\rightarrow
					at Min Flow-	ft 62.6	-1
				Head H(Q=0)	- Fi	ft 63.5	
				NPSH 3%		ft 1.3	78
				Shaft power	- MANAGEMENT	hp 1.8	
				Max. shaft powe	r sel. Impeller	hp 2,1	
Power data ref	erred to: Decar	nted Oil [100%]; 250°F; 0.9	04kg/dm³; 27.8cSt	Efficiency		96 12.1	
⊒	222	8	84 = 48				
HE H	E30		Application range		_	F54	
68-						THE STATE OF THE S	
64							
62		10%	تتمالين لمستحدث إبيالع			444	
60=		1				158	
58-		· · · · · · · · · · · · · · · · · · ·				58.5 ft	
56- 54-		1					
52		1		\			
50						1744	
48				TIER.		5385E	
46			X	1572		F-9.00	
44 = 42 = 42 = 42 = 42 = 42 = 42 = 42 =		1000	1	14.6%			
40=			A. (4760	
38			\(\)			22222	-
36							-
34				~}			
32 ⁻³					1	0.00	
28-3						8/8	
26							
24							
22=			~			21100	
20-3 18-3			7,55%	· · · · · · · · · · · · · · · · · · ·			
16-3			1,30%				
14				Ų			
12-						CHOICE CO.	
10 Ef	ficiency shell curves inclu	de magnetic coupling losses				1000	
	aft power P2					(P2)	
1.8			=========		0.8.15	18 hp	
1.6	=======	2. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7	entreller entre la	III CONTRACTOR OF THE PERSON O			
1.4					andramina de la constitución de la	1588	
1.2				Ø 5.512 (P2)		577	
=						====	
0.8-3				Ø 5.512 (P2)		M-1000	
0.4	- Contract of the contract of						
IN N	PSH-values		11	7 1	- 0 0 4E	× ×	-
35.3					/O/Ø 8.15	-700	
혴				. E40	1/	hat i	
5			P	5.512	//	1-1-1-1	
4 1					//	21100	1
4 3			····				
2-						9744	
1						1.3 ft	\vdash
	ficiency	IV 3 - 3 Margarette process and distributions				auxi i	
[%] Ef	uses deg					ALL CONTROL OF THE CO	
16- 14-						8215	
12-3						12.1%	
10=				0 = 540			
8				0 5.512			
· 1	1			~ ~Ø 5.512			

These documents contain confidential and proprietary information of Fluor Enterprises, Inc. They are provided under a Secrecy or Confidentiality Agreement with Fluor and are to be used solely in accordance with the provisions of the relevant agreement. These documents are copyrighted as an unpublished work. Copyright resides with Fluor Corporation. All Rights Reserved. Unauthorized copying, reproduction or use of these documents may result in copyright infringement or other crimes punishable in both civil and criminal courts.

16.9 US