X	<b>₩</b> \\/\			CA	.MAU I	-EKIILI	ZER P	LAN			DOC NO.	0708	7-CP22	-K10	)6101
6	WE WE	:C			ι	JREA UI	NIT				Page	1/8	Re	<b>:</b> V.	0E
	-	S	PECIA	L PU	RPOS	E STE	AM TU	JRB	INE DA	ATA S	HEET				
1	Unit: <b>UREA</b>					RVICE:						ITE	EM No		
	Supplier;						/ED E	<b>1</b> C	O2 CON	MDDE	SSOB	' ' '	KT0		4
2						DKI	VER F	JK C	,02 CON	VIFKE	330K		KIU	510	1
3	Quantity: 1														
4	Applicable to:		1 0						0 : 11						
5		xtraction-ind sate Turbine		Model:					Serial No	).:					
6	Driven equipmen	nt: CO2 Co	OMPRES	SOR					● Direct of	drive		(	⊃Gear		
7	Note : ○Ind	licates infor	mation to	be cor	npleted l	oy purcha	ser				By manufactur	er			
8	PERFORMANCE														
9	OPERATING PO	INTS	SH	HAFT		INLET (	saturate	d ste	am)	EXT	RACTION/IN	JECTIO	N I	EXH	AUST
			Power	Spe		Flow	Press.	-	Temp.	Flov		Ten		Pres	ss/tem
10	○□(As applicab	ole)	kW	RP	M	Kg/h	MPa A		°C	Kg/ł	n Bar A	°C			p A /°C
11	Rated			<del>                                     </del>										Bar	A/℃
12	Normal														.15
13	Minimum														
14	Piping design														
15	☐Steam rate	Normal:		K/	g/kW.h	Rated:		k	(g/kW.h	Extrac	tion Cor	ntrolled	OU	Incor	ntrolled
16	☐ Heat rate	Normal:			J/kW.h	Rated:			/J/kW.h	Injection		ntrolled			ntrolled
17									· ·						
18						STEAN	A CONE	OITIC	NS <sup>(1)</sup>						
19	Location		Inlet			action(co				njection	(saturated)	E	xhaust(d	conde	ensed)
20	Range	Bar A	°C	,	Bar A	°C	Kg	ı/h	MPaA	°C	Kg/h		Bar A	-	$^{\circ}$
21	Min.	34 365 23.0 0													
22	Normal 39 370 24.7 320 (4) 57950 4.4 160 0~28 0.15														
23	Max.	41	37	5	26.5		637	'50							•
	Piping design														
24							AILABL		ILITY DAT						
25	SITE DATA		achment	"desig					LOCATIO	DN:					
26	●Elevation	m, Ba				Bar / m			idoor		OHeated		<u>OUr</u>		
27	●Temp.		ımmer			Winter:	$^{\circ}$		utdoor		OUnder roof  ■Mezzanine		OPa	artial	sides
28 29	● Relative humic	aity: _ CONDITIC	%,Desi	ign wet	Duib:		C		rade /interizatio	on roals		Tropica	allization		
30	○Dust		umes		•	Chem. pla	nt		ow tempe			Corros			<u> 1</u> u
31	AREA CLASSIFI		dIIC T3			zardous	111		azardous				ive age	iiio.	
32	ELECTRIC	DRIVERS	1	AT&CO			STR. & T		ALARI		Water	No	r	Ma	Y
33	Neutral	TNC		TNC/L			<u>σπ. απ</u>		7 (2) (1 (1		Bar g in	4		IIIa	
34	Volts	400		400/2			24DC		24DC	;	Bar g out	2			
35	Phase	3		3 / Sin							°C in	34			-
36	Cycles	50		50							$^{\circ}\!$	43	3		
37	kW Avail.										Velocity	M/s			· · · ·
38											Fouling factor		.0006m	².℃ł	ı/kcal
39	Water source:		Allowable	temp.	rise: 6			<u> </u>	C Max.				Δ <b>P</b>		bar
40															
41															
42 43	42 Exhausting pressure Bar g Bar g MPa g, Mormal dew pt: - 25 °C														
	Remarks: 1. The premiliary condensate dischcharge pressure at the boundary shall be 7barg. the final data shall be														
1.011	determined at kick-off meeting.														
	Surface condenser will be water-Cooled with river water(see" design basis")														
	3. Final data					or.									
	4. Estimated						!!	-4l	in and	4- 1		411:-:-			
579	5. the extraction flow in normal operation has been calculated in order to have a total enthalpic content equal to 57950XHsteam(t.p)=49280kW. Therefore, if the extraction temperature is different from estimated one the total flow will be recalculated														
	he mfr. in order to									Junian		110 VV VV	50 10	, Juio	aiatod

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N N	Ā	WEC		C/	A.MAU F	EK	IILIZE	K PL	Αľ	N I	DOC	NO.	07087-	CP22-KT	06101		
6		WLC			U	RE	A UNI	Т			Pa	ge	2/8	Rev.	0E		
			SPE	CIAL PL	JRPOS	E S	TEA	M TU	R	BINE DA	ATA SH	EET		I			
1	SE	RVICE: DRIV									ITEM N						
2											KT06101						
3				0	SITE AND	) AV	AILAB	LE UTI	Lľ	TY DATA (	Cont'd)	•	(10010				
4		Auxiliary system	s-Utility														
5	Cooling water: Normal(GP)/ Rated m <sup>3</sup> /h Aux. Drivers (Elec.): kW									I							
6		Aux. Steam nor	mal					kg/h		Aux. Driv	ers (steam		kV	I			
7		Aux. Steam ma	X.					kg/h						kW	1		
		Instrument air		7Bar	` ′			m <sup>3</sup> /h									
8					TURBIN	NE C	ONST	RUCTI	10	N GENERA	<u>L</u>						
9		FERENCE SPE															
11		API 612 special	purpose	e steam tur	rbine					pply and re	esponsibilit	y by th	ne vendor	•			
12		Other		○ Da alma						API615		C	liana 🔵	Λ aluaia aia			
13 14	Typ	tation (viewed f	rom inle	OBackpre	essure		OCC	ndensi	ng			Extract	lion 🛡	Admissio	ווע		
15		SINGS, NOZZI			MS		$\bigcirc$ $\bigcirc$ $\bigcirc$ $\bigcirc$	, v v				· V V					
16		•	nlet sect		Bar g,		Exha	ust sec	rtio	n.	Bar g,	Other					
17			nlet		°C		Exha		,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	°C	011101					
18	☐ Hydrostatic test press:																
19	☐HP casing Bar g, Mid casing: Bar g, Exhaust casing: Bar g,																
20	□Nozzle ring: %, Admission • Welded nozzle ring																
21	Dia	aphragm blade a	attachm	ent	□Inte	grall	y cast				Welded		[	□Other			
22		aphragm axial lo			□Indi	vidu	ally				Staked						
23	0																
24	CC	NNECTION		ESIGN	□Size		□Fa	cina	(	OPosition		anged		<b>latching</b>	_		
25			Appro	val req'd				9			□or s	tudded	l Gas	sket by v	endor		
26	Inle																
27		haust															
28 29		traction mission					_		/								
30	Au	1111551011				\											
31	ΔΙ	LOWABLE PIPI	NG FO	RCES AND	) WOMEN.	TS											
32	/ \L	LOWABLETIN	11010		LET		FXH	AUST		FXTE	R./ADM.		REN	MARKS			
33				N	N-m		N	N-n	า	N N	N-m						
34		☐Parallel to sh	aft														
35		□Vertical															
36		□Horiz.90°															
37	MATERIALS-CASING & APPURTENANCES																
38																	
39																	
40																	
41		☐ HP casing	_		□Nozzle												
42		☐ Mid casin	_		□Diaphi			rloo									
43 44																	
44		⊔ Steam ch	ษรเ														
	emarks:																
		<del>-</del> -															

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CA.MAU FERTILIZER PLANT	DOC NO.	07087-0	CP22-KT	06101
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<b>W</b> EC			CA.	MAU FERTI	LIZE	R PLANT		DOC NO.	07087-0	CP22-KT	06101
		EC		UREA	UNIT			Page	3/8	Rev.	0E
		S	PECIAL PUR	RPOSE ST	EAN	TURBINE D	ATA	SHEET			
1	SERVICE: I	DRIVER	R FOR CO2 CO	OMPRESSO	R		ITE	EM No.			
2								k	T06101		
3	ROTATING E	LEMENT	rs				1	•	(100101		
4	Speed □Max			RPM, T	rip:	RPM,					
5	□Lateral c	critical	1st	RPM 2 <sup>r</sup>	nd	RPM,	Ма	x.Continuous	3:	RP	М
6	Shaft type:					☐Shaft ends: DI	A. @			mn	1
7	☐ Integral who		☐Built up	□ Combinati	ion	○Straight		○Taper			n/m
8	□ Double exte	ended	<u> </u>			○Keyed		○Single		⊃ Double	
9	□No. stages	-i-I	Bearing span	IV	lm	OHydraulic fit		OIntegral fl	ange		
10 11	☐Shaft mater ☐Shaft mater		r acala			○Field balancing □No.	gring	Location			
12	Applied by			□Spray Met	hod	REMARKS		Location			
13	BLADES(Buc		ate Dieeve	□ Opray Ivie	iiiou	KLWAKKO					
14	☐Max tip spe		m/s								
15	☐Final stg bla		mm Max.	Lgt: M	lm						
16	Materials			G 2 ST	G 3	STG 4		STG 5			
17	□Wheel mat'										
18	☐Blade mat'l										
19	☐Blade mat'l										
20	☐Blade attac										
21	☐TIE wire ma										
22	☐Shroud mat										
23 24	☐Shroud atta SHAFT SEAL		END	SEALS			INIT	ERSTAGE S	ENIS		
25	☐Type:	.0	● Labyrinth	○Carbon rir	na	□Type:		Labyrinth		Carbon r	ina
26	□ туро.		Inlet	Exhaus		Material:		Labyiiiiii	T	Carboni	<u>g</u>
27	☐Max seal pr	ress	Bar g		ar g	Notes:					
28	☐Steam leak		kg/h		Kg/h						
29	☐ Air leakage		m3/h		m3/h						
30	☐Shaft dia &		mm		Mm						
31	☐No.ring per										
32	☐ Diff.press pe		Bar g	[	Bar g						
33	☐Stat.laby typ						_				
34	□Rotat laby t □Material	ype									
35		ND DEA	RING HOUSING	<u> </u>							
36 37	Radial	IND DEA	Inlet	Exhaus	t	Radial		Inlet		Exhau	ıst
38	☐Type/MFR		HIGU	LAHaus		☐Babbit thickne	SS	iiilet		LAHA	101
29	□ Lenght		mm	Mm		□ No.pads	<del></del>				
40	☐Shaft diame	eter	mm	Mm		□Load B'twn/on	pad				
41	□Unit loading		N	N		□Pivot:ctr/offset					
42	☐Base mater										
43	Thrust		Active	Inactive		Thrust		Active	<del>)</del>	Inacti	ve
44	☐Type/MFR					□ Pivot:ctr/offset					
45	☐ Unit loading		bar		Bar	☐Pad base mat'	l				
46	☐Unit load(U	it)	2		N 4 2	Lubrication		●forced		Directe	
47 48	□Area □No.pads		mm <sup>2</sup>		Mm <sup>2</sup>	Thrust collar Material		○Integral		Replace	eadie
	ino.paus narks:					ivialerial					
1.011	iaino.										
_	.,, - 1		1 -		1	<u> </u>	-	,	Ī		
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N.	<b>?</b> \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	CA.MAU FERTILIZE	R PLANT	DOC NO	07087	'-CP22-KT	0610
	WEC	UREA UNI	т	Page	4/8	Rev.	OE
	S	PECIAL PURPOSE STEA	M TURBINE DAT	A SHEE	Τ		
1	SERVICE: DRIVE	R FOR CO2 COMPRESSOR	1-	TEM No.			
2					KT0610	)1	
_	LUBRICATIN AND CO	NTROL OIL SYSTEMS	L			_	
	Reference specs: Al		Oil requirements:		Control oi	Lube	oil
		Turbine MFR	□Normal flow	m <sup>3</sup> /h			
6	OSeparate for turbine	only	☐Transient flow	m³/h			
7	●Common oil system	with compressor	□Pressure	bar g			
8	•		□Temperature	$^{\circ}\mathbb{C}$			
9	Turbine MFR to supply	y:	☐Total heat rejected	d MJ/h			
10	●Control oil accumula	ator	☐Oil type mineral/s	yn			
11	Stainless steel oil su	upply header piping	□Viscosity ssu at 4	0 ℃			
12	Oil drain header pip	ing	☐Filtration microns				
13	● Stainless steel	○Carbon steel					
14	■ Sight flow indicators	<b>S</b>					
15		ACCE	SSORIES				
16	COUPLINGS AND GL	JARDS					
17	Note: See rotating ele	ments shaft ends	OSee attached API	671 data sh	neet		
_	Coupling furnished by		Oturbine MFR				
19	Manufacturer:	Type: <b>Flexible</b> (	disc Mode	el:			
20	Coupling guard furnish						
21	Type:	●Fully enclosed ○Semi op	en Oth	ner			
22	Coupling details		OVendor mount ha	If coupling			
23	□Max. O.D.	mm	Oldling adapter/sole	o plate req'd			
24	☐Hub weight	kg	Lubrication requiren	nents			
25	☐Spacer length	mm	○Grease	○Cont oil lu	ube (	oil free	
26	☐Spacer weight	kg	Quantity per hub:		Ç	g or l	
27	MOUNTING PLATES						
28	Base plates: Furnishe	d by: <b>VENDOR</b>	Sole plates : Furni	shed by: V	/ENDOR		
	OUnder turbine only	Other	Thickness:	<u> </u>	r	nm	
	○Open	○Non skid decking	OSubsole plates re	q'd			
31	ODrip rim	OLeveling pads	●Hold down bolts f			/ENDOR	
_	○Column mounting	<u> </u>	OPrimer for epoxy		Type:		
_	Sub sole plates req	d	● Anchor bolts furni			/ENDOR	
34	OCommon for turbine	and driven equipment	●Leveling chock bl	ocks req'd			
35			Furnished by: VENI	OOR			
36	GEAR UNIT						
_	Furnished by : vendor	(if any)	See data sheet:				
_	●Reference API 6						
39							
10							
Rema	arks:						

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•	~		CA.M4	U FERTI	LIZF	R PLANT		DOC NO.	07087-0	CP22-KT	06101		
7	MEC .		OA.III.	O I LIKII	LIZE	VI EAIVI		DOO NO.					
				UREA	UNIT			Page	5/8	Rev.	0E		
	S	PECIA	L PURP	OSE ST	EAN	TURBINE	DAT	A SHEET		•			
1	SERVICE: DRIVER							EM No.					
2	OLIVIOL. DIVIVE		JO2	II IXLOOC	<b>/</b> 1\		' '		<t06101< td=""><td></td><td></td></t06101<>				
3	CONTROLS AND INS	TRUMEN	NTATION:						(100101				
4	Instrument and contro			ns and sco	pe of	Additional requ	uireme	ents:					
5	Supply shall be in accordance with the following the												
6	Attached data sheets												
7	OAPI 614 appendix B												
8	OPurchasers data she												
9	OAPI 670 appendix D												
10 11	Other: refer to speci	tication											
12	PROTECTIVE DEVIC	ES											
	Protective		xhaust	Extracti	ons	Sentinel	\	/acuum	Non retur	n			
13	devices		ief valve	relief va		warning valve		oreaker	valve	"			
14	Mounting location												
15	Relief press. Bar of	J											
16	Capacity steam kg/h												
17	Valve type/MFR												
18	Valve size/rating												
19	Flange facing												
20	Furnished by	- \	٦.										
21 22	TRIP AND THROTTLE Location:	= VALVES Iain inlet	S:	OAdmissi		Ctrainari On	onina	oi-o	nm, Mat'l:				
23		endor		OPurchas		☐Strainer: Op ☐Stam mat'l:	ening		liiri, iviaci. Hardness:		Rc		
24	☐ Manufacturer:	eridoi		Model:	CI	☐Seat mat'l:			lardness:		Rc		
25	☐Size: Rat	ing:		Facing:		□ Packing mat'l: Leakoff:				kg/h			
26	Construction features												
27	Action: OP	ull to sea	ıt	○Push to	seat								
28	Reset: ●M	lanual		●Hydrauli		●By Ven	dor	OBy Purc	haser				
29		ocal (maı		●Remote									
30		ocal (mai	nual)	○Remote									
31	CONTROL VALVES												
32	Location Trip position (open/clo		Main inlet(	Govenor)	<i>F</i>	Admission		Extraction		Exhaus	t		
33 34	Number of valves	sea)											
35	Provided by												
36	Manufacturer												
37	Connection size												
38	Rating/Facing												
39	Action												
40	Stem material												
41	Stem mat'l hardness F	Rc											
42	Seeat material												
43													
44 45													
46	i acking leakull Kg	/11											
	narks:				ı								
					_								
						•							

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7	£	CA.MA	DOC NO.	07087-CP22-KT06101							
U	WEC		Page	6/8	Rev.	0E					
	SPECIAL PURPOSE STEAM TURBINE DATA SHEET										
1	SERVICE: DRIVER	FOR CO2 COM	PRESSOR			ITEM No.					
2					ŀ	T06101					
3	TURNING GEAR			MISCELLA	NEOUS						
4	■Turning gear req'd				○Start up a	assistance:		Days:			
5	●Furnished by : VENI	OOR			<ul><li>Vendor's review &amp; comments on purchaser's</li></ul>						
6	○Type:	Barring speed:		RPM	●Piping &	foundation draw	ings				
7	■Engagement	●Auto	○Manual		■Vendor w	itness initial alig	nment				
8	OMFR:	Model:			●"Y" type s	strainer					
9	■ Mounted by: Vendor	,			■Water wa	shing connectio	ns				
10	ODriver ref.spec:				<ul><li>Optical a</li></ul>	lignment flats					
11	Туре	●Elec	○Other		0						
12	☐Utility requirements:				0						
13											
1/	Remarks:										

		JI EOIAE I OIKI	OOL OIL	AIII I OI	TOINE DA	I/ COLLET			
1	SERVICE: DRIVE	R FOR CO2 COM	IPRESSOR			ITEM No.			
2						k	CT06101		
3	TURNING GEAR				MISCELLAN				
4	●Turning gear req'd				○Start up a		Days	S:	
5	●Furnished by : VEN	NDOR			● Vendor's	review & comme	ents on purcha	iser's	
6	○Type:	Barring speed:		RPM	● Piping & foundation drawings				
7	●Engagement	●Auto	○Manual			itness initial alig			
8	OMFR:	Model:			●"Y" type s				
9	■Mounted by: Vendo	or				shing connectio	ns		
10	ODriver ref.spec:					ignment flats			
11	Type	●Elec	○Other		0	<u> </u>			
12	☐Utility requirements				0				
13									
14	Remarks:								
15	GOVERNOR:				Governor sr	eed pick up No	Rea'd		
16	Furnished by: VENDO	OR			Furnished b				
17	MFR:	Model			ODirect		○60 tooth whe	عدا	
18	OMechanical driven				Other:		OU LOOKIT WITE	<del>, , , , , , , , , , , , , , , , , , , </del>	
19	Speed control	Other			Othor.				
20	Specify:	<u></u>			○Hand valv	es No. req'd			
22	ороону.				OManual		Automatic		
23	○Generator drive ap	nlication:			Operator		27 tatornatio		
24	Olsochronous co		droop control		Overspeed				
25	○Combinasion (		droop control		□Mechanic			RPM	
26	O COMBINACION (	ороску).			□Type:	ar out point		TXI IVI	
27	OLocal speed chang	er type:				ical set point:		RPM	
28	● Remote control dev					shed by : VEND	OR	TXI IVI	
29	Furnished by: VEN				OMFR		⊃Model		
30	T difficited by: VEI	DOIL			1	eed pick up:	<u> </u>		
31	Controlled variable	Operating range	Control sign	nal range	Type		○60 too	th wheel	
32	Speed	to RPM	to	Bar/mA	.,,,,	Other	3 00 100		
33	Pressure	to RPM	to	Bar/mA	●No. of Sp	eed prove: 2 ou	t of 3		
34	. 10000.0	to	to			art form gov. Pi			
35	GLAND SEALING AN	ND VACUUM SYSTEI				general general			
36	System per:API612		OAppendix	B-2	Vacuum sys	tem: Fu	ırnished by:		
37	Other		Этрропах	<u> </u>	OShip lo		Skid mounted		
38	☐Sealing stm: Pres	ss. Bar g	Flow:	Kg/h	Other	000	Ona mountou		
39	☐ Sealing stm relief		1 10W.	Bar g	1	condenser, see	snec :		
40	Furnished by:	varvo,oot proco		Dai g	OSteam		Steam press.	Bar g	
41	☐Flow adjusting valv	vas tyna:			Occam	•	Steam flow	Kg/h	
42	Furnished by:	ез туре.			⊖\/acıııı	m pump see spe		119/11	
43	i difficited by:					nsate receiver			
44					1	eal height:	m		
45	INSULATION AND JA	ACKETING			SPECIAL TO		111		
46	● Insulation	ACKETING				pter / solo plate			
47									
47	Type: ○Insulation		<ul><li>○ Cplg ring and plug gauge</li><li>○ Hydraulic Cplg mtg / removal kit</li></ul>						
49			Other						
50	Туре:				Outer				
	narks:				1				
Ken	iai no.								

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Prepd/ Date

**CA.MAU FERTILIZER PLANT** DOC NO. 07087-CP22-KT06101 7/8 Rev.

## **WEC** 0E **UREA UNIT** Page SPECIAL PURPOSE STEAM TURBINE DATA SHEET 1 **SERVICE: DRIVER FOR CO2 COMPRESSOR** ITEM No. 2 KT06101 3 INSPECTION AND TESTING MECHANICAL RUNNING TEST 4 **GENERAL** Reg'd Wit'n ●Shop inspection 5 ● Contract rotor 0 6 Extent: Turbine + auxiliaries Spare rotor • lacktriangle7 ● Test w/job coupling 0 INSPECTION AND MATERIAL TESTING 8 Test tape recording requered 0 9 Final assembly records reg'd Test tapes given to purchaser 0 Special mat'l inspection & testing requirements: ●Use job vib./disp. 10 • 0 Ultra Dye Radio Marg 11 Component Rea'd Wit'n **OPTIONAL TESTS** Req'd Wit'n part pene graph sonic $\bigcirc$ $\bigcirc$ $\bigcirc$ 12 T&t valve • OPerformance yes yes yes 0 0 0 13 Stm chest OComplete unit yes 0 0 14 Torsional measurements Casing yes 15 **Piping** ves $\bigcirc$ Sound level 0 16 Rotor yes yes yes • 0 Aux. Equipment yes 17 Heat stability $\bigcirc$ ●T & t valve 0 18 Cleanliness Gland sealing system 0 $\cap$ 19 Hardness • $\bigcirc$ ○Gland vacuum system 0 0 20 Hydrostatic tests 0 0 Lube oil system 21 Blade shaker (static) 0 relief valves 0 22 Rotor balance Casing internal insp. 0 23 ○Standard $\bigcirc$ $\bigcirc$ ● Cplg to shaft fit $\bigcirc$ 24 High speed 0 Turning gear 0 25 Final surface insp. 0 Additional test or insp. 26 Crating insp. 0 Bearing inspection 27 Spare rotor fit Overspeed and trip 28 **PAINTING WEIGHTS** 29 manufacturer's standard Other: □Turbine kq SHIPMENT □Rotor 30 ka 31 ODomestic Export ☐ Turb. Upper casing kg 32 ●Exp boxing req'd Out door stor over 6 mo's ☐ Max for maint. (identify) kg 33 Water proof boxing required □T & t valve kg Spare rotor assembly packaged for : (separate container) $\square$ Misc. 34 kg ☐Total shipping weight 35 OHoriz'l storage OVert'l storage kg 36 SPACE REQUIRMENTS VENDOR DWG & DATA REQ'MTS: □Complete unit m,W 37 L: m, H m OAppendix 38 ☐Control panel L: Progress reports rea'd m.W m. H SUPPLY BY VENDOR ( INCLUDING) •heat resistant paint 39 Turbine ●instrument device and local panel 40 separate trip & throttle valve baseplate and foundation bolt shaft vibration monitor system 41 extraction non return valve with control water-cooled surface condenser axial position monitor system 42 Oinjection strip & control valve expansion joint bearing temp. monitor system • electronic speed governor (if System(2x100%) 43 start spare parts ejector& inter/after condenser any) 44 sealing system with control ●level control system for hot well fitting attachment for installation 45 gland condenser with accessories steam trap package special tools for assemble & maint. (if any) 46 Oseparate lube and control oil system interstage piping between turb.& information & drawing by vendor accessories 47 •all drains and valved drains ●all necessary aux. Equip. for turbine manual for install. Oper. & maint. 48 heat insulation under jacket Oall instrument on interstage piping condensate pumps ●atm. relief valve 49 Remarks:

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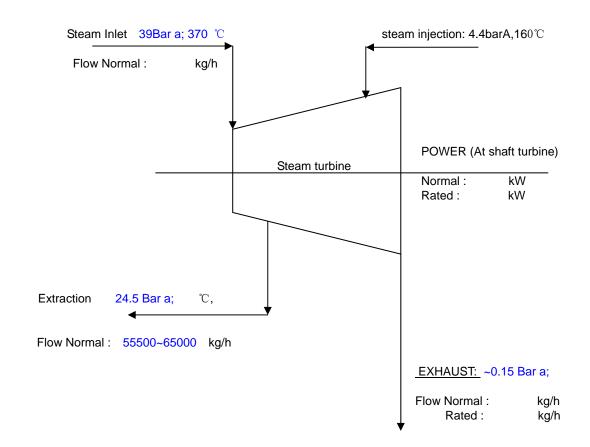


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SERVICE: DRIVER FOR CO2 COMPRESSOR ITEM No.

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