

Emission Systems O&M Preventive Maintenance Program

This is the preventive maintenance program for emission systems at CWC-Textron, 1085 West Sherman Blvd, Muskegon MI 49441.

The use of equipment checklists is the way all information regarding preventative maintenance observations are carried out.

Maintenance equipment checklists contain the following basic identification information:

Equipment number, description of system to be inspected, frequency of inspection, date of inspection, if the item is ok or needs repair, gage readings, comments section, notification to supervisor if problem, completed sheet checked, clock number of sheet checker and doc no.

Checklists are completed on a daily basis (some each shift) or a twice a month basis.

Blank equipment checklists are available in the maintenance office.

Procedure:

- The superintendent of maintenance shall assign a supervisor to be responsible for carrying out this procedure.
- The maintenance supervisor will assign personnel to make the preventive maintenance inspections.
- The inspector will review all items and mark with a check in the appropriate box.
- The completed form is turned in to the maintenance supervisor, who will assign or schedule corrective action by use of the EAM computer maintenance program where a work order will be generated. The work order will include the date, repair and man-hours required.
- The supervisor in charge will identify any equipment requiring maintenance and give the completed checklist to the maintenance coordinator.
- The repairs will be carried on the open work order until the work has been completed.
- Completed copies of current year equipment checklists are maintained in the maintenance office and prior year records are held in the records storage area.

Preventative Maintenance Plan for Cupola Venturi Scrubbers

Maintenance will complete the following checklists on a daily basis:

5767D 5766D 5765D 5520 Maintenance will complete the following checklists twice a month:

Maintenance will complete the following checklist as required (depending on melt campaign frequency):

5500

5513 5512

The manager of environmental services will record information on a daily basis regarding:

Static pressure for venturi and demister Pump pressure Visible emissions Magnesium Hydroxide daily flow rate and total flow rate Static pressure for dust collectors

And will record on a weekly basis:

Emission pond temperature Emission pond PH

Deviations will be promptly noted and corrective action taken.

Preventive Maintenance Plan for Dry Collectors

Maintenance will complete the following checklists on a daily basis:

5601

5600

5600A

5600B

5603

Deviations will be promptly noted and corrective action taken.

Dry collectors #1, #5, #6, #12, #13, #17, #19, #20 will be black light tested on a semi-annual basis.

The manager of environmental services will conduct daily inspections and record information regarding:

Static pressure drop readings for #1, #2, #5 (1,2,3) #6, #12, #13, #16, #17, #19, #20 Visible emissions from all sources Emission panel readings for #1, #5, #6, #12, #13

An outside contractor at a minimum of once a year will conduct detailed inspections.

Checklists and Plant Map

The pages that follow contain the checklists mentioned above and a plant dust collector map.

Updated: 12/15/17 By: Bob Meacham

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2) Check Vi	k Visually For Leaks	
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3) Inspect R	ct RECEIVER For Misc. Failures (Loose Fasteners, Missing Guards, Etc.)	
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8) Check Ai	visually For Stack Emissions And Leaks (If Visible Emissions Contact Immedia Air Pulse Unit Operation - Record Inlet Air Pressure d Manometer Reading: (If Reading Is Outside 4.0 - 10.0, Contact	
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Des	cription			
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Cost Code Equipment Description Location Assign	ed to Class	Freq	UOM	Deactivated
01 M5100 SAND SYSTEM AA-N	W DAILY	1	WEEK	Aug 17, 2011 12:00:00 AM
Material List Equipment Part Description Bin QTY Aval	able QTY Ne	eded	*	lm a
Task I	structions	***********		
A) COMPLETE PROPER LOCKOUT / TAGOUT PROCEE	IDE	^		
	G #			
8) CHECK TO SEE IF DUST COLLECTOR IS EMITTI	G			
2) CHECK DRIVE CONDITION				

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PM Code	Job Type		2 - 10 - 75 - 2 - 7 - 40 - 2 - 2 - 40 - 40 - 40 - 40 - 40 -	general and Participation And Property Services			*****	TO THE RESERVE OF THE PERSON AS A STATE OF THE PERSON AS A STATE OF THE PERSON AS A STATE OF THE PERSON AS A S	TO STATE OF
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W - 1st 5h	IIFT - MR -	DUST COLLECTORS	- GENERA	L PLANT				14	_
Cost Code	Equipment	Description	Location	Assigned to	Class	Freq	UOM	Deactivate	ed
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DAILY DU	ST COLLEC	TOR TOUR / READIN	GS - 1st	Shift ///	MACHINE	REPAIR			
		d Tasks, Record Reac							
Cleaning		# 2 DUST COLLECTO			or Stack E	mission	s And	Leaks	
1) Doc		Emissions Contact Y		2 100-000 1 0 0					
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		Pulse Unit Operation							
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		nometer Reading: _							
		Is Outside 2.0 - 6.0							
4) Cne	eck # 2 Air i	Pulse Unit Operation	- Record	inlet Air Pr	essure		<u> </u>		
KNOCK /	OFF - # 6 D	UST COLLECTOR V	isually Ch	neck For Sta	rk Emissio	ns And	l eaks		
		Emissions Contact Yo	_				ccans		
5) Rec	ord # 6 Ma	nometer Reading: _							
	7	s Is Outside 1.0 - 9.0							
6)	Check # 6	Air Pulse Unit Opera	tion - Re	cord Inlet A	ir Pressure			·	
PRERI AST	_ # 12 DUS	T COLLECTOR Visua	ally Chec	k For Stack F	missions	And Las	be.		
REDENST		Emissions Contact				riid Lca	.103		
7) Rec		anometer Reading:							
		ng Is Outside 3.0 - 12		•					
8)		Air Pulse Unit Oper							
	(Operatin	g Pressure 85 - 100	Psi, Adju	st Regulator	If Necess	ary)			
INAL BLA	ST - # 13	Visually Check For S	tack Emis	sions And I	eaks				
THE DEF		Emissions Contact \			cuns				
9) Rec		anometer Readings:							
	(IF Readir	ig Is Outside 3.0 - 12	.0 Conta	ct Your Supe	ervisor)				
10)		Air Pulse Unit Oper							
	(Operatin	g Pressure 85 - 100	Psi, Adju	st Regulator	If Necess	ary)			
REFLISE SA	ND SYSTEM	1 - # 16 {Bin Vent} V	isually (1	neck For Sta	ck Emissic	ns & 1 a	aks		
		Ground Level - Wes	-					oervisor)	
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Task Instructions	
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+++ If Above Is 'Yes', Was Maintenance Supervisor Notified?	Yes No

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PM Code	Job Type							
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Cost Code	Equipment	Description	Location	Assigned to	Class	Freq	UOM	Deactivated
27	M5513	# 1 Cupola Emission Fan		AA-OIL	MONTHLY	1	МОИТН	
Material List	Equipmen	Part Description Bin QT	Y Available	QTY Need	ed			
lecontrade Section (Section 2 to 1 to	Task Instru	ctions				
A) COMPL	ETE PROPE	R LOCKOUT / TAGOUT PR	OCEDUR	E				
B) PERFOR	M THE FO	LLOWING TASKS						
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Material List	Equipmen	t Part Description Bin QT	Y Available	QTY Neede	ed	·		
			Task Instru	ctions				
A) COMPL	ETE PROPE	R LOCKOUT / TAGOUT PR	OCEDUR	E				
B) PERFOR	M THE FO	LLOWING TASKS						
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27	Equipment M5513	# 1 Cupola Emission Fan	Location	Assigned to AA-MR	Class QUARTRLY	Freq 1	N/A	Deactivated		
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B) PERFO	RM THE FOI	LLOWING TASKS							11	
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NOTE: CU	POLA BOTT	FOM MUST BE DROPPED F	OR THESE	TASKS TO	BE STARTED.					
1) Ch	eck Boots (On Incoming & Out Going	Sides Of I	an						
2) Ch	eck Ducting	g To Staeck								
3) Ch	eck Fan Bea	arings, Mount Bolts								
4) Ch	eck Fan For	r Vibration								
5) Ch	eck Fan Rui	nner For Build Up On Blad	es							
6) Ch	eck Guilloti	ine Blades & Guides								
7) Ch	eck Guilloti	ne Cylinder,Hoses.								
8) Check Louver Coupling, Bearings & Linkage										
9) Ch	9) Check Louvers & Louver Action									
10) Check Oil Level & Water Flow										
11) C	neck Spray	Nozzles To Fan & Drains A	re Open	41 (191 3 ,5 1111) # 5 5	iðaviv	i ize		ngg. 10 ok nagana	to manufacture to	

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5514-2M	PM							
		Desc	ription					1
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Cost Code	Equipment	Description	Location	Assigned to	Class	Freq	UOM	Deactivated
27	M5514	#1 Cupola Emission Fan Motor		AA-MW	MONTHLY	1	MONTH	:
Material List	Equipment	Part Description Bin QTY Availa	ble QTY	Needed			• .	
		Task Ins	structions					
A) COMPL	ETE PROPE	R LOCKOUT / TAGOUT PROCEDU	JRE					
B) PERFOR	M THE FOI	LLOWING TASKS						
1) Che	eck Couplin	ng Bolts & Lub						
2) Che	ck Motor I	Mount Bolts						
3) Che	ck Oil Leve	el In Bearings						

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5515-2M	PM		271 m					
			Description	****		20		
CECUCATION MEMBERS NOW IN	ACENTE PROPERTY AND ADDRESS OF THE PERTY ADDRESS OF THE PERT	#1 CUPOLA EMISSION DU	THE THE PROPERTY OF THE	Turnicani incrementani	репортителения жизот на	Anna eventuarium	THE COLUMN THE PROPERTY OF THE PARTY OF THE	репоситоннование селе
Cost Code	Equipment M5515	# 1 Cupola Emission Duct	Location	Assigned to	Class	Freq	MONTU	Deactivated
PERSONAL PROPERTY OF A SECOND	TTERMETHERMONERANCE.	Part Description Bin QTY	Available	AA-MR QTY Needed	MONTHLY		MONTH	L
	A THE STREET CO.	alaman de la company de la com	ask Instruc	Senting the sent of pages in the			manager to annual to the state of the state	
A) COMPL	ETE PROPE	R LOCKOUT / TAGOUT PRO	CEDURE			30 03	and the second	
B) PERFOR	RM THE FO	LLOWING TASKS						
1) CH	ECK / CLEA	IN OUT LONG TROUGH OF	ANY DEB	RIS				
2) CH	ECK DUCT	ING FOR SIGNS OF HOT SP	OTS					
3) CH	ECK DUCTI	NG EXPANSION JOINTS FO	R WORN	BOOTS = C	AP			
4) CH	ECK CAP D	RAIN FOR EXCESS WEAR						
5) CH	ECK CAP C	ABLE & CABLE SHEAVES FO	R WEAR					
6) CH	ECK CAP ST	ГОРЅ						
7) CH	ECK CAP PI	VOT PINS & BUSHINGS						
8) CHI	ECK CAP C	LINDER : ROD END, CLEVIS	PINS & E	BUSHINGS				
9) CHI	ECK CAP C	/LINDER : FOR BLOW BY & 0	CONDITIO	ON OF AIR L	INES = CON	Ε		
		LA IS DOWN FROM OUTSIE SPRAY NOZZLES FOR WEA		DO A VISUA	L CHECK AT	THE	INSPECTIO	N COVER
		LA IS DOWN FROM OUTSIC TOP OF CUPOLA & MOUNT		oo a Visua	L CHECK AT	THE I	NSPECTIOI	N COVER

KT-MU	SKEGO)N %	MKG	i Melting	J				
PM Code	Job Type	ed ga rene a la company de	Prilitori (196 0) de la California (1960) de la Cali	al de la communicación de la companya		tizar-waren	and the special of	ng Palitagan dan Samuran d	
5516-2M	PM								
			Des	scription	100 E 100		*:		
Q - 3rd SH	IIFT - MR -	# 1 CUPOLA SCRUBBE	R INSPEC	TION	one in the standing variety of	everye 4860	PARESTANDON OF PROPERTY	The winds and the control with the control when the control when the control with the contr	
Cost Code	Equipment	Description	Location	Assigned to	Class	Freq	UOM	Deactivated	
27	M5516	# 1 Cupola Scrubber	Montainer and N. Anthonis etc.	AA-MR	QUARTRLY	1	N/A		
Material List	Equipmen	Part Description Bin	QTY Ava	lable QTY N	eeded				
		0 0 000 000 NAMED WAS NOT THE OWNER.		nstructions		42040			
A) COMPL	A) COMPLETE PROPER LOCKOUT / TAGOUT PROCEDURE								
B) PERFOR	RM THE FO	LOWING TASKS							
NOTE: CU	POLA BOTT	OM MUST BE DROPPE	D FOR TI	HESE TASKS	TO BE START	ED.			1
1) Che	eck All Boo	ts & Ducting For Worn	Spots						
2) Che	eck Cone Fo	or Excess Wear							
3) Che	ck Cone Fo	or Proper Seting							l
4) Che	ck Scrubbe	er For Build Up							
5) Che	ck Scrubbe	er For Excess Wear	de preta anné , mare , anne		na venggiji janggijanoviljaja vajdor Tajasasilaksilan 1911 - Vilaylijahilaydelilas dha asrodor J				

KT-MU	SKEGO	N. %	MKG	Meltin	9	al di al di	entrament glant place group	Control and the Street Control Control	
PM Code	Job Type				THE PROPERTY OF THE PROPERTY OF THE		eterations of the productions		
5516M-8\	V PM								
- Constitution of the Cons	See the 420 Maries where a state Lamb	SANCE OF THE SANCE	Des	scription					j
6 - 3rd SH	IFT - MR -	# 1 CUPOLA DEMISTER	INSPECT	ION					
Cost Code	Equipment	Description	Location	Assigned to	Class	Freq	UOM	Deactivated	
27	M5516	# 1 Cupola Scrubber		AA-MR	6-MONTH	6	МОИТН	í	
Material List	Equipmen	Part Description Bin	QTY Avai	lable QTY N	eeded	<i>,</i>			
			Task Ir	nstructions					
MANNING	: 1 ON BU	RNER / 1 ON WATCH	/ 1 ON	CLEANING					
TO COMP	FTF THIS T	ASK THE FOLLOWING	IC DEOLII	DED.					
		NNIE FROM REDI REN			37]				i :
INCLUDE 1	50 FOOT	OF STANDARD HIGH PE	RESSURE	HOSE FROM	REDI RENTA	AL			
A) COMBI	ETE DDODE	B LOCKOLIT (TACOLIT	חחחרים	pr					
A) CONIFL	ETE PROPE	R LOCKOUT / TAGOUT	PROCED	OCKE					į
B) PERFOR	M THE FOL	LOWING TASKS							
1) CH	ECK DEMIS	TER PADS TO ENSURE	THEV AD	E CECLIDI V E	ACTENIED				
"— CII	CU DEIAID	TERTADS TO ENSURE	IIIEI AK	L JECURLI P	W2 LEINED				ļ
2) CH	ECK INSIDE	DEMISTER TO ENSUR	E THERE I	S NO DEBRI	S - CAREFUL	LY RE	MOVE IF F	OUND	į
3) VIS	SUALLY INS	SPECT NOZZLES FOR DA	AMAGE			pour			

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KT-MU	SKEGO	ON % MKG M	elting					
PM Code	Job Type		***************************************	e transition de la company	e e e e e e e e e e e e e e e e e e e	energed at 152 m	THE STATE OF THE S	etterig (saca etter eraettare ette haliz haliz haliz haliz
5517-2M	PM							
		Descripti	ion		> 8 9 9 9 6			ı J
Q - 3rd Sh	HFT - MR -	# 1 CUPOLA SEPARATOR INSPECTION	N					
Cost Code	Equipment	Description	Location	Assigned to	Class	Freq	UOM	Deactivated
27	M5517	#1 Cupola Separator [Demister]	dif chashbearsing pro	AA-MR	QUARTRLY	1	N/A	
Material List	Equipment	t Part Description Bin QTY Available	QTY Ne	eded		-		
	XII	Task Instruc					22 2	
A) COMPL	ETE PROPE	R LOCKOUT / TAGOUT PROCEDURE						and the state of t
B) PERFOR	RM THE FOL	LLOWING TASKS						
								i
NOTE: CU	POLA BOTT	OM MUST BE DROPPED FOR THESE	TASKS T	O BE START	ED.			
1) Che	ck All Boot	ts & Ducting For Worn Spots						1
2) Che	eck All Emis	sion Drain Lines To Pond For Leaks	& Worn S	Sections				
3) Che	ck Mount I	Bolts For Motors & Pumps						
								1
1) Che	ck Packing	Glands For Leakage						
5) Che	ck Pump Pi	ressure Should Be At 55 To 60 P.S.I.						1
-) 61								1
5) Che	ck Separate	or For Plugged Screens						İ
7) Che	ck Sheaves	, Vee Belts For Wear & Alignment						
3) Che	ck Sub Pun	nns						ļ

KT-MU	SKEGO	ON %	М	KG Plan	ıt	tota sum					
PM Co	de Job	Type	TO SECURE AND AND AND ADDRESS OF THE PARTY O	ente establica e			an and endrongen co				বেশ্ব
5000-E-D-	MON PM	proposition of the state of the	× 2	N N 202 F N 2004							
<u>.</u>		• • • • • •	e salatan shift hamadan	Description							
ETHER HEALTH SENTER SHOOM	TAXA CONTRACTOR OF THE PARTY OF	PLANT TOUR - EQU	C THE CONTRACT OF THE PARTY OF	t-Piterechnen menanteranssann	THE STATE OF THE S	-	p-shormon production	Languesia ingenisarah mententa	104L		
	Equipment		ļ	Assigned to				Deactivated			
79	M5600	i Constanted 17/2,4 Photestales (colors constanted		AA-MR	DAILY	X-344-	WEEK				
Material Lis	Equipment	t Part Description	and made arms.	Available Q		d			*****	~···	
DAILY - F	OUIPMENT	SHUTDOWN							90 9 9		
	-	/N CENTAC COMPF	RESSOR								
										ļ	
MELTING											
2)	MAKE SUR	re Charge Doors	ARE SUP	PORTED CL	OSED						
SAND SYS	TEM									l	
ENSURE H	EATER PAC	KAGES FOR THE FO	OLLOWIN	G ARE OFF						!	
3)	211 - MOLI	D DUMP CONVEYO)R								
4)	212 - VIB D	RUM									
5)	219 - MIXE	R / PUG MILL									
EMISSION	ROOM										
6)	TURN OFF	CHEMICALS								-	
CUPOLA E	LOWER RO	MOC									
7)	SHUTDOW	VN ZURN FAN									
8)	LEAVE BEA	ARING WATER ON								a, v.	
9)	SHUTDOW	'N MAGNESIUM H	/DROXID	E			~ * **				

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KT-MU	SKEGO	N %	M	KG Plan	t			entre constitution of the state	pacetic gardens and	To the province of
PM Code	Job Type				n at the control of t	The second second second			Peak I also reads that the last second control	E ESTE ESTA DE LA COMPANIA DE LA CO
5600-010	PM									_
j	e 18			Description		20.6				
D - 1st SH	IFT - MR - I	PLANT TOUR - D1		финанский еми кализиналичной	h filmstyrk (mystyttisk fil)	pewerensus;	DIGHER HARDWING	čenou viizini na transationi z kra		
Cost Code	Equipment	Description	Location	Assigned to	Class	Freq	UOM	Deactivated		
79	M5600	GENERAL PLANT	Эти почитите при ветем почителните.	AA-MR	DAILY	1	WEEK	L		
Material List	Equipment	l Part Description	more deserving	an morning to	TY Neede	d				
A) COMPI	ETE DDADE	R LOCKOUT / TAG	20 1 11 1 1	ask Instructions		• ** *		300 FW 00 0	SK K KSKK	
A) COMPL	EIEFROFE	R LOCKOOT / TAG	OOTERC	CEDUKE						
B) PERFOR	M THE FO	LLOWING TASKS								1
C) IF ANY I	DISCREPAN	ICIES ARE FOUND	IMMEDIA	TELY CONT	ACT YOU	JR SU	PERVISO	OR.		
1)	CHECK EN	AISSION STACK FO	R LEAKS,	WARE OR VI	BRATIO	NS.				West of State of Stat
2)	CHECK EN	AISSION PUMP RO	OM FOR	PROPER TEM	IP (WIN	TER M	ONTHS)		
3)	HEATERS	AND PUMP PITS FO	OR EXCES	S WATER.						
4)	CHECK PC	OND LEVEL (NO MO	ORE 15" 8	BELOW BAIL)						
5)	CHECK KA	AISER COMP ROOM	I, HEATEF	R, OIL AND F	LOOR, \	NATE	R, FILTEI	RS CLEAN A	AS NECESS/	ARY.
6)	CHECK BC	OND SILO AND WA	TCH FOR	PROPER CYC	CLE		FILL		BLOW	
										ļ
REVISIONS	:									
NEW 09/13	/11 REQ #	£134			~~~~					

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KT-MU	SKEGO	N %	M	KG Plan	ıt		ing kanalang dan pangan Kanalang ang pangan	managette and the same of the same of the same of the same of the same of the same of the same of the same of
PM Cod	e Job Ty	pe	night estimation		designation from the control of the	e processioners and most	and a straightful attack	et i Marian et Marian de Langue de La Companya
5765-D-M	1ON PM	• •						
. SATANIKAN KUMPUTAN TAK	เหมาะสายที่เกมาะเคารเกฎาษาย	energy.		Description		12		
D 2 4 C	UET MO	OLANT TOUR ENGL	CION D		-			-
*CERTIMINAMENTES		PLANT TOUR EMIS	this environment that years	TATIFF THE WORLD STREET, MINTERS OF	Tantua Den Lakentona	tusiwodrotaanyhtus J	formers rating strongers	in commencement control contro
Cost Code	Equipment	Description	Location	Assigned to	Class	Freq	UOM	Deactivated
79	M5600	GENERAL PLANT		AA-MR	DAILY	1	WEEK	
Material List	Equipment	Part Description	Bin QTY	Available Q	TY Neede	iq		
TOTAL WILD AN COLUMNA	ne il promitti de carre de carre	e had geologic van de moune fan spirit út vir dyffol i viget út.	Ta	ask Instruction	S	f Other Salve Pare		
DAILY PM	- 1st Shift.	MACHINE REPAIR						1
INSTRUCT								*
A) INITIAL	COMPLETE	D TASKS ON THE	LINE PRO	VIDED				,
B) ON FRO	ONT OF PM	(GREEN SHEET)						1
a. (® BOOKED I	HOURS - ENTER Y	OUR CLO	OCK NUMBE	R AND	DATE	COMPL	ETED
b. (@ REMARKS	AREA - %%%	TO BE RE	VIEWED BY	SUPERV	/ISION	1 % % %	
	DOCUME	ENT NON-EMERGE	NCY ISSU	JES				
	DOCUM	ENT COMPLETED	REPAIRS -	- STARTING	WITH -	DONE	3	
INITIAL								
		NTAC COMPRESSO		K COOLING	WATER	OPER	AHON	&
		UR METER READIN NTAC COMPRESSO		COOLING	MATER		TION	
		UR METER READIN		COOLING	VVAIER	OFERA	ATION 6	×
		ER COMPRESSORS		OPER OIL LE	VFI AIR	FILTE	R CONI	OITION
		OUR METERS: #		OI LIK OIL LL		‡65	il COIVI	
		FURNACE HYDRA		LEVEL.			***************************************	
		FURNACE TILT C			NG.			
6) (Check Cupo	la Emission Water,	Drains, A	And Cooling	Water.			
7) {	RECORD OP	ERATING CUPOLA	EMISSIO	N SYSTEM N	MONAN	ETER I	READIN	GS.
į.	OPERATING	CUPOLA NO				***************************************	LOW	
			_	tact Your Su	perviso	-)		
		ETWEEN HIGH & L		**********		105.61		.00
		IS GREATER THAN	I (13) CO	NTACI MAI	NIENAI	NCE SU	JPEKVIS	OK :
	MEDIATELY.	N ROOM – RECOR			NAD DE	DINC	S ON L	OC SHEET AT
	START OF SI		D VIDRAI	ION AND A	IVIT. IXEA	טוווט	2 014 5	DO SHEEL VI
-		BEARING (MILS)						
		BEARING (MILS)			[RA	NGE I	ESS TH	AN 2.0 MILS]
		Bac's Operation O			Flow.	.,,,,,,		
	Check Bac (
-		mic Tower And Tu	yere Pun	ips.				
		sion Pit Sump Pum						
		sion Pond Water C						
		DXIDE ROOM - CH						į
		MAG. HYDROXIDE			ING: G	.P.M.		
		Reading Contact				15-m2-14		
		System Over Daily.						
		e You Have Spare						ļ
		nd System Over D	aily. Che	ck For Leak	s, Bad B	ooster	s ttc.	
	eck Pond W							i •
		VAPORIZERS		· · · ·				····

KT-MUSKEGON % MKG Plant
Task Instructions
[The control of the
18) IS PROPANE PUMP OPERATING YES NO
19) IF PUMP IS NOT OPERATING - WILL PUMP OPERATE IN HAND? YES NO
20) RECORD LINE PRESSURE. PSI (If Below 45 psi, Contact Your Supervisor)
With the fire after the encurrant continuous profession of a continuous parameter of the continuous continuous and a

KT-MU	SKEGO	N %	M	KG Plar	ıt	enine en es			
PM Code	Job Type	Control of the Contro	1 mag 1 m 2 m	and the second s	anaetrymies	· ver exercise		THE STATE OF THE S	and the second second second second
5766-D	PM								
SOUTHERNOOMS	сичники почеты почеты.	* ** *	ž	Description				•	
 W. Dade	LUCT AAD	DI ANT TOUR EN	CION	Description					5 (8 (8) x)
ATTENTION OF THE RESIDENCE	Jane recommens	- PLANT TOUR EMI	SAUGE THE LEAR THE PARTY OF THE	ужимотичником жиможим	CAZO SOMEONIO MANDO PER	пиналична	ALISH WASHINGTON	fanakatamananan - cam	τ -
Cost Code	Equipment	Description	Location	Assigned to	Class	Freq	UOM	Deactivated	
79	M5600	GENERAL PLANT		AA-MR	WEEKLY	1	WEEK		
Material Lis	Equipmen	t Part Description	Bin QTY	Available Q	TY Needed		L		l
COLUMN - 1 . WARNINGS	estanta	ne la compranda que en estada la		ask Instruction		·		*************	These of these for these
DAILY PM	- 2nd Shift	, MACHINE REPAIR	. No. 10. 1 and 10. 1 and	A SA CO S MADE MODULE	VISED ON	. 7/22	/06 1/1	7/06	E E E E
INSTRUCT		, MACHINE KEI AIK		INL	AIDED OIA	. 4144	.700, 17	17700,	
		ED TASKS ON THE	LINE PRO	OVIDED ON	FRONT O	F PM			
		HOURS - ENTERY					OMPLET	FD	
		S AREA - TO BE F							
DOCUN	MENT NON-	-EMERGENCY ISSUI	S / Write	e COMPLETE	D Repairs	Starti	ng With	- DONE	
INITIAL					•				
1) 1	250HP - CE	NTAC COMPRESSO	R: CHEC	K COOLING	WATER O	PERAT	FION &		
F	RECORD HO	OUR METER READIN	1G :			_			
2) :	700HP - CEI	NTAC COMPRESSO	R: CHECH	COOLING Y	WATER OF	PERAT	& NOI		
		OUR METER READIN							
		ER COMPRESSORS					CONDI	rion	
		IOUR METERS: #			#65	<u> </u>			
		X FURNACE HYDRA			10				
		X FURNACE TILT C							
· · · · · · · · · · · · · · · · · · ·		ola Emission Water, PERATING CUPOLA		_		TD DE	ADING	•	
-		CUPOLA NO					OW).	
,	or Electrica			tact Your Su		'	.00		
- Dif	fenence Be	tween HIGH & LO	-	-	10	Differ	ence is	greater than	ì
		our MAINTENANG						O	
B) 1	N Zurn Fan	ROOM - " At-Start	-Of-Shift	": Record \	/ibration &	k amp	. Readin	igs on log sh	eet
RECO	RD NORTH	BEARING (MILS)							
RECO	RD SOUTH	BEARING (MILS)			[RANG	GE LES	S THAN	1 2.0 MILS]	
9)	Check Ajax	Bac's Operation O	f Pumps,	Fans, Water	Flow.				
	Check Bac								
		mic Tower And Tu		ips.					
		sion Pit Sump Pum							
		sion Pond Water C					E) (E)		
		DXIDE ROOM - CHI							
		MAG. HYDROXIDE			ING: G.P.I	M			
(5) CF		Reading Contact ` System Over Daily.			d Boostore	Etc			
0		re You Have Spare					em.		
		and System Over Da							
		Vater Level.	any. Che	CK TOLLCONS	, Dau DOO:	JULIO I			
		VAPORIZERS							
		PUMP OPERATIN	G YFS	NC)				
(8) IS									
					E IN HAN	D?Y	ES	NO	
9) IF	PUMP IS N	IOT OPERATING - I	WILL PUI	MP OPERAT					

	Task Instruction	s		
22)	RECORD MARLEY TOWER PUMP PRESSURE	PSI, (Desired PSI)	(6.6)
23)	RECORD WET COLLECTOR PUMP PRESSURE	PSI, (Desired PSI)	

KT-MUS	SKEGO	N %	M	KG Plan	t	e e e e e e e e e e e e e e e e e e e			
PM Code	Job Type]							A transfer of the second state of the second state of the second
5767-D-FR	I PM								
PARKING AND RECORDED IN	o () Ytaeye olariyini	·h.		Description	5 2	• • ••			*
D - 3rd SHI	FT - MR - I	PLANT TOUR EMIS	SION - D	5			11	18	A 999 & 0
Cost Code	Equipment	Description	Location	Assigned to	Class	Freq	UOM	Deactivated	
79	M5600	GENERAL PLANT		AA-MR			WEEK		
Material List	Equipment	Part Description	Bin QTY	L					
Americantes of Jones of	- Arthur de de de la company d	de e e acordinamento de la composición de la composición de la composición de la composición de la composición	an the South Contract	ask Instruction	water and the second			e e les com a service come	
TURN PM	WORK OF	RDER OVER TO F	IND TAS	KS!!!					T C C TAX COMMENTS
= = DA	ILY PM - 3F	RD Shift, MACHIN	IE REPAII	R = = = PI	M 5767-	D			
NETOLICTI	ON -								
INSTRUCTI A) INITIAL (D TASKS ON THE I	INE DDO	MIDED					
B) ON FRO		D IV2K2 OM THE I	ING FRU	VIDED					
=		URS' - ENTER YOU	r Clock	NUMBER A	ND DAT	E CON	APLETE		
		REA' - TO BE REVIE							
[OCUMEN.	T NON-EMERGENO	CY ISSUES	[Include yo	our gen	erated	W.O. #]	
	OCUMEN.	T COMPLETED REP	AIRS - ST	ARTING WI	TH ' DO	NE '			
INITIAL	15014 655 4								
·		MIC TOWER AND	TUYERE	PUMPS FOR	OPERAT	ION.			
-	HECK CUPC	WATER	DRAIN	ıs	CO	TING	WATER	ř	
		N ROOM - RECOR		-	_			*	
		HIFT. (IF RANGE							
		NORTH BEARING		_		-			
		SOUTH BEARING	-						
		ERATING CUPOLA						35.	
O	PERATING			HIGH			rom_		
_ r	NEEEBENIC	THO REAC BETWEEN HIGH 8		act Your Su	pervisor)			
		ICE IS GREATER TH		NAME OF TAXABLE PARTY.	MAINTFI	VANCE	SUPER	VISOR	Ì
	MMEDIATI		()			77 11 101	. 501 LI	VISOR	
) TUI	NE ON (CHEMICALS FOR P	OND A	T 4:30 A.M.					
\ T()	DNI ONI I	MAC HIVEDOVIES		AT 420 A 1	e e e e e e e e e e e e e e e e e e e				
) 10	KN ON	MAG. HYDROXIDE		A1 4:30 A.N	l .				
5 DUST CO	OLLETOR -	DUCTILE COLLECT	OR						
									_
) #	1 MANOM	ETER READINGS _							ļ
									ļ
0) ;	#2 MANON	METER READINGS			-				1
1) -	#2 848 KIO4	AETER DEADINGS							
יי ז	HOMAIN CH	METER READINGS	<u></u>		_				
MANOME	TER RANGI	5 - 15.0, WHERE	ANY OU	T OF RANGE	? YFS		NO		ì
		VAS MAINTENANC							
		OF NITROGEN VAL							i

KT-MUSKEGON %

% MKG Plant

Task Instructions

NOTE: NITROGEN VALVE SHOULD BE OPEN ON DAYS WHEN THE FURNACE IS FILLING. NOTE: DUST COLLECTOR NEEDS TO BE ON WHEN POURING FROM THE FURNACE.