		G	Lot Production Record									REMIER			
				ystallizer Tason Bum		ires		Number: Revision:			MAGN	ESIA, LLC			
7			Effective	Date: 06-0	1-13			Page: 1 c							
lllizer ıp	31.44								21:00	23:00	1:00	3:00	5:00		
1 Crystallizer Temp	29.28 28.56 27.84														
Resu	ılts-														
2 Crystallizer Temp	32.16 31.44 30.72 30.00 29.28 28.56 27.84 27.12														
Resi	ılts-														
stallizer Temp 3 Crystallizer Temp	32.16 31.44 30.72 30.00 29.28 28.56 27.84 27.12 1lts- 32.88 32.16 31.44 30.72 30.00														
4 Cry	28.56 27.84 27.12														
Resu		1 -4:	4 - 1		£ 1::4-		Time	<u> </u>	A -4:	4 - 1 1-	4	C 1::4-			
Time _:				hen out o			Time::		Action	taken wh	en out oj	limits			
Solids															
Fine S	30-160 alt on/off														
Init	ials														
DA				,		ad's tials			ager's tials		Q <i>A</i> Init				



Lot Production Record

Title: Digester Specific Gravity

Owner: Jason Bumgarner

Effective Date: 06-01-13

Page: 1 of 1



		8:00	10:00	12:00	14:00	16:00	18:00	20:00	22:00	0:00	2:00	4:00	6:00
<u></u>	1.410												
avi	1 209												
Specific Gravity	1 391												
cifi	1 378												
Spe	1.372												
#1	1.366 1.359												
R	Results -												
5	1.410												
avit	1 200												
Ğ	1 301												
cific	1.385												
Specific Gravity	1.372												
#2	1.366 1.359												
R	Results -												
ž	1.410												
avit	1.404												
Specific Gravity	1 201												
cifi	1.385												
Spe	1.372												
#3	1.366 1.359												
	Results -												
Time		Action	taken wi	hen out c	of limits		Time		Action t	aken wh	en out oj	f limits	
- :							:						
							:						
							:						
	Hopper ıll - ×/√												
ML S													
1.2	27-1.32												
Mud	Temp <i>60-80C</i>												
	Sp.Gr.												
1.3	38-1.41												
Brine	Sp.Gr.												
	37-1.40 tials												
					Lea	ad's		Man	2 2 2 2 2 2			\!a	
DA	TE:					ials			ager's tials		Q <i>l</i> Init		



Owner: Jason Bumgarner Revision: 01 Effective Date: 06-01-13 Page: 1 of 1



-	6.9	8:00	10:00	12:00	14:00	16:00	18:00	20:00	22:00	0:00	2:00	4:00	6:00
- 1st Digester pH	6.1 5.3												
igest	4.6 3.8												
1st D	3.0 2.3												
#1 -	1.5 0.7												
R	Results -												
H	6.9												
1st Digester pH	6.1 5.3												
Jiges	4.6 3.8												
	3.0 2.3												
#2 -	1.5 0.7												
R	Results -												
Н	6.9												
- 1st Digester pH	6.1 5.3												
Diges	4.6 3.8												
- 1st]	3.0 2.3												
#3	1.5 0.7												
R	Results -												
Time		Action	taken wl	hen out c	of limits		Time		Action t	aken wh	en out oj	flimits	
-:							. – : —						
_:							: :						
Recov		-											
Pots (
Circ I	×/√ Loops												
> MgO	<i>40gpm</i>												
	gpm	-											
ML F	eed -35gpm												
Ini	tials												
DA	ATE:				Lea Init			Mana Init	ager's		Q/ Init	A's ials	



Lot Production Record

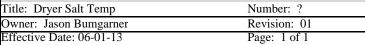
Title: Dryer Salt Temp Owner: Jason Bumgarner Number: ? Revision: 01



			Effective .	Date: 06-01	1-13			Page: 1 o	f 1				
	27.0	7:00	9:00	11:00	13:00	15:00	17:00	19:00	21:00	23:00	1:00	3:00	5:00
Dryer Salt Temp	36.4												
Dryei	33.6												
Re	ading -												
dux			9:00		13:00	15:00	17:00	19:00	21:00	23:00	1:00	3:00	5:00
Cooler Salt Temp	25.7 25.0												
•	23.6 22.8 22.1 eading -												
RC	aumg -												
2000-lb Weight Check	2024 2017 2011 2004 1997 1991												
R	esults -												
50-lb Weight Check	50.51 50.35 50.18 50.01 49.85												
	esults -												
Time _:::				hen out o			Time _:		Action	taken wh	en out of	limits	
Init	ials												
Initials DATE:					Lea Init			Manager	's Initials		Q/		



Lot Production Record

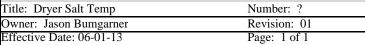




/	Date an	d Shift	DAYS	L	.O	S	Ю	N	ſН	A	O-1	A	.O-2
SCR	Num	ber of		duct			Custome	r		Scre	ened	O - M	- MO - F
Code	Bags p	roduced	I	D			Custome	L		yes	/ no	Overs/Middle	e/No Fines/Fines
				Weight	of each								
Total F	ines			Weight of each TSF -									
Total Re	Pack			С	W	R	PP	R	PS	RF	PM	RPO	
Sacks I	Ran												
Production Goal						Tons luced				Liquid Loads			
		8:	00	10	:00	12	:00	14	:00	16	:00	18:	:00
Dust Coll	Dust Colletor												
Dehumid	>25 ifier												
	x / <												
Guage Cl	neck ×/√												
Product	· ·												
Rate Che	Type												
	al Tons												
Initia	ıls												
	Beg	inning of	Shift	Beg	inning of	shift	Prod	luced	End o	f Shift	Wa	aste	+/-
Įo.	1												
Contr	2												
Label Control	3												
Lai	4												
	6												
Manager's	Initials			A's ials	Any Issues resulting in loss of Production need to be addressed on Production sheet and / or Shift Transition Report								



Lot Production Record

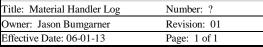




/	Date an		NIGHTS	L	.O	S	0	N	ИH	A	O-1	A	.O-2
SCR	Nun	ber of	,	duct			Custome	r		Scre	ened	O - M	- MO - F
Code	Bags p	roduced	Ι	D			Custome			yes	/ no	Overs/Middle	e/No Fines/Fines
Total F	ines			Weight TS	of each F -								
Total Re	Pack			C	W	R	P	R	PS	RF	PM	RPO	
Sacks I	Ran												
Production Goal						Tons luced			Liq Lo	ιuid ads			
		20:	:00	22	:00	0:	00	2:	:00	4:	00	6:	00
Dust Coll	<u>>25</u>												
Dehumid	ifier												
Guage Cl	×/√ neck												
	x/√												
Product	Туре												
Rate Che	ck al Tons												
Initia													
		inning of	Shift	Beg	inning of	shift	Prod	luced	End o	f Shift	Wa	aste	+/-
lo	1												
ontro	2												
Label Control	3												
Lal	4												
	6												
Manager's			A's ials	Any Issues resulting in loss of Production need to be addressed on Production sheet and / or Shift Transition Report									









	MgC	Supply			Acid Supp	ly						
	#1 (P or B) ~ Feed:	Level :		CHECKS	07:00	11:00	15:00					
	#2 (P or B) ~ Feed :	Level :		Car, Chocks, Sign & Lock								
	#3 (P or B) ~ Feed:	Level :		Tank Level graph								
		07:00	13:00	Acid at tanks								
t	MgO rotary Valve check			Acid Line check								
h If t	Clean Mixing Pot			Acid at Digesters								
S	Air Co	ompressor		Boiler Checks								
Dαy	1212 6	07:00	15:00	07:00 11:00 15:0								
,	Main Tank Pressure	07.00	13.00	Blow Down (yes/no)	07.00	11.00	13.00					
	Test Water Drain Valve			Pressure - Lead Boiler								
	Oil Level Check			Pressure - Back up Boiler								
	Visual leak check			Water level on #1 / #2								
				Level in Boiler Feed Tank								
		1			Operat	tor′	Гіте					
	MgC	Supply			Acid Supp	ly						
	#1 (P or B) ~ Feed:	Level :		CHECKS	19:00	23:00	03:00					
	#2 (P or B) ~ Feed:	Level :		Car, Chocks, Sign & Lock								
	#3 (P or B) ~ Feed:	Level :		Tank Level graph								
		19:00	01:00	Acid at tanks								
hIft	MgO rotary Valve check			Acid Line check								
Sh	Clean Mixing Pot			Acid at Digesters								
h t	Air Co	ompressor		Boiler Checks								
NIgI		19:00	03:00		19:00	23:00	03:00					
N	Main Tank Pressure			Blow Down (yes/no)								
	Test Water Drain Valve			Pressure - Lead Boiler	Pressure - Lead Boiler							
	Oil Level Check	Oil Level Check										
	Visual leak check			Pressure - Back up Boiler Water level on #1 / #3								
				Level in Boiler Feed Tank								
					Operat	perator Time						
DATE:	//	Lead's Initials		Manager's Initials		QA's Initials						