Engineer

PRODUCTION COST STANDARD

PLANT W.G. KRUMMRICH

BUS GRP: SPECIALTY PRODUCT MFG.GRP.NO. 05

Effective [illegible]

PRODUCT: DCS - 1109

PRODUCT CODE: 81112

MO.	DAY	TR	DIV.	LOC.	DIV.	LOC.	C.CTR	PRODUCT	P-F
	4*	5	6-7	8-11	12-13	14-17	18-20	21-25	1-3
		1	02	0003	02	0003	246	81112	

CAPACITY: 1,500,000 BLK. INV. STD. 12.791

COST UNIT: UNIT CR5

4-25

DUPL. COLS. 4-25 INTO ALL CARDS

TYP	NO.	UNIT COST	EQUIPMENT USED Dept. No.	Percent
27	38-40	41-48		
3	030	14 757	1100 (BK-3-4)	47 86
3	034	16 848	(BK-2)	51 67
3	045			

	DUPLICATE COLS. 4-25 INTO ALL CARDS	TYPE	UNIT	BRACKET 1 INV.STD. UNIT COST DAYS	BRACKET 1 UNIT STD.	BRACKET 2 DAYS	BRACKET 2 QUANITY	BRACKET 3 DAYS	BRACKET 3 QUANITY	BRACKET 4 DAYS	BRACKET 4 QUANITY
F											
-3	4-25	27	34	36-38	39-46	47-49	50-57	58-60	61-68	69-71	72-79
R6	PRODUCTION BKT. QTY.	4	1	30	12 791 100	300	1 500 000	300	900 000		

	PRODUCT COST	EX CL	AMT	CRD	VFB	AMOUNT	CR	BRACKET 1 UNIT COST	BRACKET 1 AMOUNT	CR	BRACKET 2 UNIT COST	BRACKET 2 AMOUNT	CR	BRACKET 3 UNIT COST	BRACKET 3 AMOUNT	CR	BRACKET 4 UNIT COST	BRACKET 4 AMOUNT
DO NOT KEY-PUNCH THIS SECTION	Material Cost				V	—		7 147	107 205					7 147	64 323			
	Steam	530			F	5227		667	10455					1 161	16455			
	Electricity	533			F	810		108	1620					180	1620			
	Comp. Air	536			F	104		014	208					023	208			
	Water-Purch.	539			F	96		115	1719					191	1719			
	Water-Plt.	542			-	—		—	—					—	—			
	Fuel-Gas	545			V	—		259	3858					259	2315			
	Fuel-Oil	546			-	—		—	—					—	—			
F																		
-3	DUPL. COLS. 4-25	26-28	36	37	38	48-55	CR 55		56-63	CR 63		64-71	CR 71		72-79			
R8	Labor-Mfg.	570	2	1	F	4120		771	11567		1 128	10149						
R8	Salaries	575	2	1	B	1347		097	1451		150	1347						
R8	Payroll OH	578	2	1	F	1599		165	2477		243	2185						
R8	Factory Supplies	590	2	1	F	900		060	900		100	900						
R8	Packing Labor	601	2	1	F	127		009	130		014	130						
	Packing OH	603	2	1	F	50		005	50		006	50						
R8	Laboratory	610	2	1	F	—		133	1995		133	1197						
R8	Cloth & Laundry	614	2	1	F	155		017	155		017	155						
R8	Tech. Service	621	2	1	B	1628		117	1754		181	1628						
R8	Plt. Proc. Res. & Del.	657	2	1	B	400		029	430		044	400						
R8	Waste Disposal	661	2	1	F	11480		765	11480		1 276	11480						
R8	Tank Car Storage	687	2	1	—	—		—	—			—						
R8	Mechanical Exp.	694	2	1	B	6468		465	6968		719	6468						
R8	Plt. Earns & Improv	693	2	1	B	3117		224	3359		346	3117						
R8	Prod. Proc. Res.	651	2	1	B	600		043	646		067	600						
R8	TOXICOLOGY CAL	667	2	1	F	1728		115	1988		192	1728						
R8			2	1														
R8			2	1														
	Total Direct Conv.					42956		4 [illegible]	62450		6 [illegible]	57951						
R8	Depreciation	698	2	1	B	9430		667	10160		1 044	[illegible]						
R8	Factory Indr. Exp.	760	2	1	B	10726		775	11556		1 191	[illegible]						
	Total Indr. Exp.					20156		1 [illegible]	21716		2 [illegible]	[illegible]						
	Total Product Cost					63112		12 791	191971		15 814	142330						
	Total F & B Cost					63112		5 [illegible]	80800		8 413	75725						
	Total Variable Cost					—		7 [illegible]	111063		7 [illegible]	66605						

	LABOR UTILITY SERVICE	UNIT	EXP CL	QTY	CRD	VFB	STANDARD UTL. PRICE	BRACKET 1	CR	BRACKET 2	CR	BRACKET 3	CR	BRACKET 4	C
R8	DUPL. COLS. 4-25		26-28	36	37	38	39-47	48-55	55	56-63	63	64-71	71	72-79	7
R8	Labor	Hrs.	570	1	1	F		1088		1721		1506			
R8	Laboratory	Hrs.	610	1	1	V		—		2552		2552			
	Steam	MBTU	530	1	1	F	1 34400	3750		7500		7500			
	Electricity	CKWH	533	1	1	F	1 35000	600		1200		1200			
R8	Compair	MCFT	536	1	1	F	10400	1000		2000		2000			
	Water-Purch.	MGAL	539	1	1	F	19100	500		9000		9000			
R8	Water-Plt.	MGAL	542	1	1	-	—	—		—		—			
R8	Fuel-Gas	MBTU	545	1	1	V	64300	—		6000		3600			
R8	Fuel-Oil	MBTU	546	1	1	—	—	—		—		—			

DSW 311400

STLCOPCB4071386

PRODUCTION COST STANDARD

PLANT W.G. KRUMMRICH

MO.	DAY	TR	DIV.	LOC	DIV.	LOC	CCTR	PRODUCT
	4	5	6-7	8-11	12-13	14-17	18-20	21-25
		1	02	0003	02	0003	246	81112

PRODUCT: MCS-1109
PRODUCTION CODE: 81112
BULK INV. STD. COST: 12.791

EFFECTIVE 7-1-73
CAPACITY 1,500,000
COST UNIT CWT

MATERIALS: DUPLICATE COLS. 4-25 INTO ALLCARDS	EXP CL	PRODUCT	LOC	FORM. PKG.	S & U	CODE	SUBSTITUTABLE MAT'L. STD. YIELD %		STANDARD QTY. PER UNIT		CR	RAW MAT'L. STD. UNIT PRICE / HANDLING STD. UNIT PRICE		UNIT COST	
4-25	26-28	29-33	34-37	38-40	44	45	46-51	52-53	54-57	58-60	60	61-64	65-69		
CHLORINE	520	81059	0003	999	0				33	763			03250	1	097
FERRIC CHLORIDE	505	33500		999	0					100			26953		026
LIME	505	38800		999	0					500			01550		008
NITROGEN	505	43101		999	0				50	000			00200		100
BIPHENYL	505	82601	0009	999	0				86	473			06932	5	994
					0										
					0										
					0										
					0										
					0										
					0										
55 GAL DRUM					0										–
5 GAL CAN					0										–
					0										
CONTAINER ALLG.	527				0								0350		035
R/M Whsg. & Handling	526												0300		030
Gross Total Mat'ls.														7	290
By-Products	523					0									
GCL GAS	523	82851	0003	999	1	0			8	783	X		01625		(143)
						0									
						0									
						0									
						0									
Total By-Products															(143)
Net Total Materials															7.147

DO NOT KEY PUNCH DATA BELOW THIS LINE

MAT'L. USAGE DATA	CODE	MATERIAL	THEO. USAGE	THEO. TO STD. ON	STD LBS	THEO LBS	% THEO/STD
	81059	CHLORINE	31.400	33.763	506.445	471 000	93 %
	82601	BIPHENYL	84.743	86.473	1,297.295	1,271 145	98 %

BRACKETS	1	2	3	4	5	6	7	8	TYPE PKG.	NET LB./PKG.	Gross Lb./Pkg.	Net Lb./Pallet	Gross Lbs./Pallet
Operating Period: DAYS	30	30	30	30				1	93320	600	648	2400	2592
SHIFTS	3	3	3	3	–	–	–	3	94135	60	66	66	1056

PRODUCTION CONTROL DATA

CLASSIFICATION	AMOUNT
Cost/Shut Down	
Cost/Start-Up	
Cost/Changeover	
Pkg. Changeover Cost	
Pkg. Rate Lbs./Mo.	

CONTAINERS:	USAGE/UNIT		PRICE PER CONT.	CONT. COST/UNIT		PKG. UNIT STD.	
93320 55 GAL. DRUM (.1666+.0016)		168	11.70350	1	96619	14	750
94135 5 GAL. CAN (1.6666+.016)	1	683	2.41065		05712	16	840
1% - HANDLING LOSS							

DSW 311401

OTHER INFORMATION

BRACKET 1+4 : 6.1 mon
2 : 5.9 "
3 : 7.8 "

DOWNTIME SUMMARY	DT	RL	TOTAL
Repair	2.5 %	%	2.5
Process	2.5		2.5
Other	10.0		10.0
Inventory			—
Total	15.0		15.0
On-Stream	85.0 %	%	85.0 %

On Stream Rate [illegible] #/Hr. [illegible]

APPROVAL	SIGNATURE	DATE
	[illegible]	[illegible]
	[illegible]	[illegible]

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