

Activity ID	Foreman	Activity Description	Orig Dur	Early Start	Early Finish	Total Float	Mnhr Budget	2003																		
								MAR																		
								9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
M306 2003 k1 Outage Plan for Maryneal, TX																										
0000 Kiln 1 Outage																										
K1-01	AA	Begin K1 Outage	0	10MAR03 00:00		7	0.00	◆ Begin K1 Outage																		
K1-99	ZZ	Complete K1 Outage	0		21MAR03 15:59	0	0.00	◆ Complete K1 Outage																		
0105 Raw Grinding																										
01051402 #1 Emergency Feeder w/Mtr & St																										
P107729	GC	Elec PM for#1 EMERGENCY FEEDER W/MTR & ST	2	16MAR03 09:00	16MAR03 10:59	60	2.00	▼ Elec PM for#1 EMERGENCY FEEDER W/MT																		
P107730	MT	Mech PM for #1 EMERGENCY FEEDER W/MTR & ST	4	15MAR03 16:00	16MAR03 08:59	51	4.00	▼ Mech PM for #1 EMERGENCY FEEDER W/M																		
01051403																										
P107731	MT	Mech PM for #1 HORIZONTAL SCREW TO KILN FE	7	15MAR03 09:00	15MAR03 15:59	51	7.00	▼ Mech PM for #1 HORIZONTAL SCREW TO KILN																		
P107732	GC	Elec PM for#1 HORIZONTAL SCREW TO KILN FE	1	15MAR03 16:00	15MAR03 16:59	65	1.00	▼ Elec PM for#1 HORIZONTAL SCREW TO KILN																		
P107733	LS	Mech PM for #1 HORIZONTAL SCREW TO KILN FE	1	14MAR03 16:00	14MAR03 16:59	67	1.00	▼ Mech PM for #1 HORIZONTAL SCREW TO KILN FE																		
01051405 #1 Kiln Feed Elevator W/Motor																										
P107734	GC	Elec PM for#1 KILN FEED ELEVATOR W/MOTOR	1	15MAR03 09:00	15MAR03 09:59	72	1.00	▼ Elec PM for#1 KILN FEED ELEVATOR W/MOTOR																		
P107735	MT	Mech PM for #1 KILN FEED ELEVATOR W/MOTOR	35	12MAR03 07:00	15MAR03 08:59	51	69.00	▼ Mech PM for #1 KILN FEED ELEVATOR W/MOTOR																		

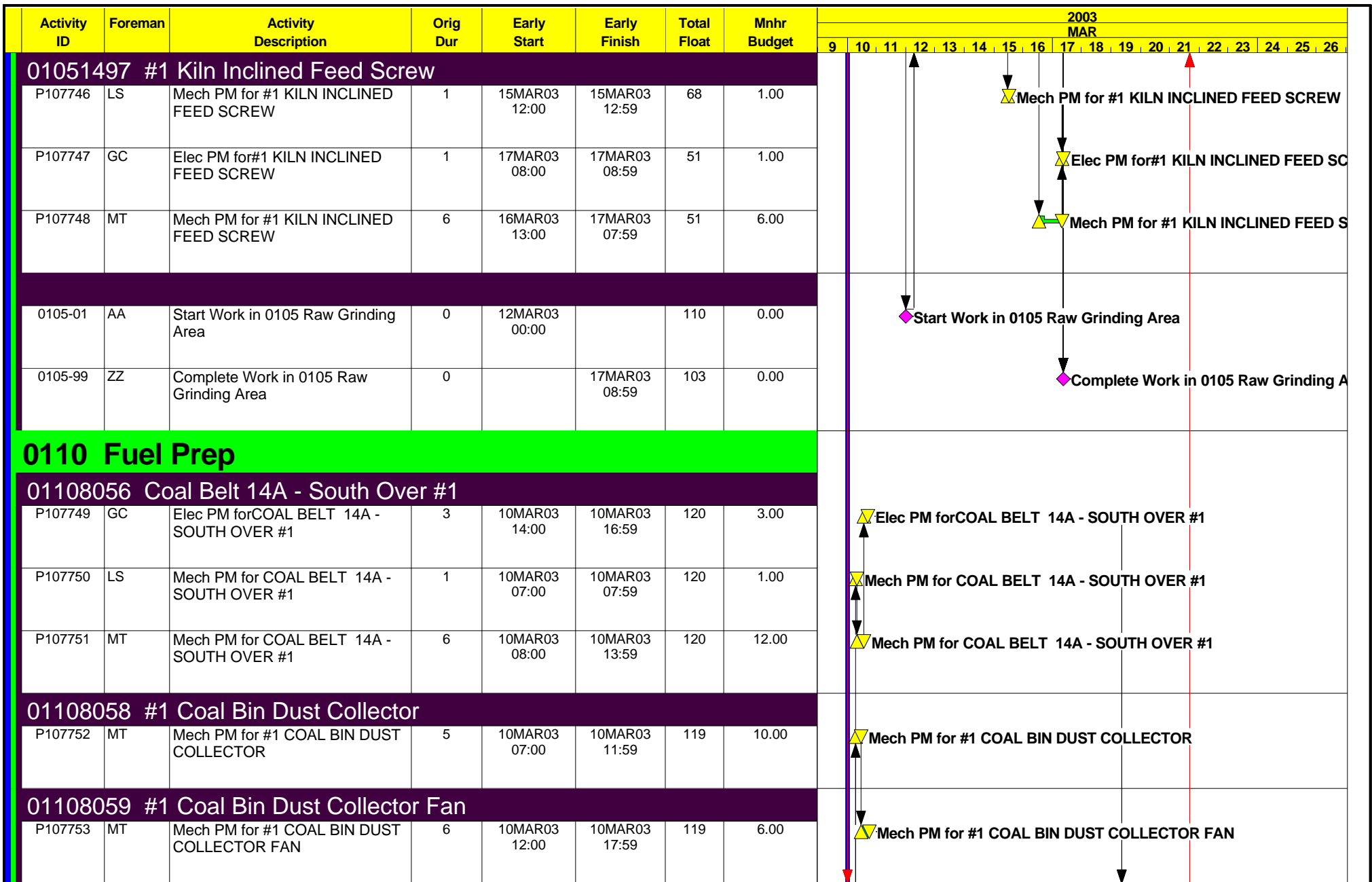
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Finish Date	21MAR03 15:59		Progress Bar
Data Date	10MAR03 00:00		Critical Activity
Run Date	11FEB03 09:02		

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 Lonestar, Industries
 2003 k1 Outage Plan for Maryneal, TX
 Area / Equipment

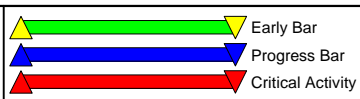
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Date	Revision	Checked	Approved



Start Date 10MAR03 00:00
 Finish Date 21MAR03 15:59
 Data Date 10MAR03 00:00
 Run Date 11FEB03 09:02



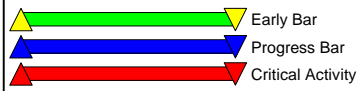
M306 Sheet 3 of 15
 Lonestar, Industries
 2003 k1 Outage Plan for Maryneal, TX
 Area / Equipment



Date	Revision	Checked	Approved

Activity ID	Foreman	Activity Description	Orig Dur	Early Start	Early Finish	Total Float	Mnhr Budget	2003																	
								MAR																	
								9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
01108062 #1 Coal Weighbelt w/Motor																									
P107754	GC	Elec PM for#1 COAL WEIGHBELT W/MOTOR & ST	5	18MAR03 08:00	18MAR03 12:59	29	5.00																		
P107755	MT	Mech PM for #1 COAL WEIGHBELT W/MOTOR & ST	5	16MAR03 16:00	17MAR03 09:59	29	5.00																		
01108064 #1 Coal Scavenger Screw																									
P107756	GC	Elec PM for#1 COAL SCAVENGER SCREW	1	18MAR03 13:00	18MAR03 13:59	29	1.00																		
P107757	MT	Mech PM for #1 COAL SCAVENGER SCREW	5	17MAR03 14:00	18MAR03 07:59	29	5.00																		
01108066 #1 Coal Mill Rotary Feeder																									
P107758	MT	Mech PM for #1 COAL MILL ROTARY FEEDER	4	17MAR03 10:00	17MAR03 13:59	29	8.00																		
P107759	GC	Elec PM for#1 COAL MILL ROTARY FEEDER	1	18MAR03 14:00	18MAR03 14:59	29	1.00																		
01108068 #1 Coal Mill w/Feed Bin & Motor																									
P107760	MT	Mech PM for #1COAL MILL W/FEED BIN & MOTO	75	10MAR03 07:00	16MAR03 15:59	29	150.00																		
P107761	GC	Elec PM for#1COAL MILL W/FEED BIN & MOTO	4	18MAR03 15:00	19MAR03 07:59	29	8.00																		
P107762	GC	Elec PM for#1COAL MILL W/FEED BIN & MOTO	1	19MAR03 08:00	19MAR03 08:59	29	1.00																		
01108070 Coal Cyclone																									
C122420	MT	Replace Coal Cyclone	90	10MAR03 07:00	18MAR03 08:59	0	225.00																		

Start Date 10MAR03 00:00
 Finish Date 21MAR03 15:59
 Data Date 10MAR03 00:00
 Run Date 11FEB03 09:02



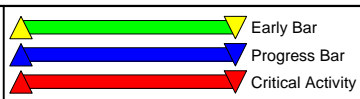
M306
 Lonestar, Industries
 2003 k1 Outage Plan for Maryneal, TX
 Area / Equipment



Date	Revision	Checked	Approved

Activity ID	Foreman	Activity Description	Orig Dur	Early Start	Early Finish	Total Float	Mnhr Budget	2003																	
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01108071 #1 Coal Cyclone Airlock Feeder																									
P107763	MT	Mech PM for #1 COAL CYCLONE AIRLOCK FEEDER	1	10MAR03 07:00	10MAR03 07:59	108	1.00																		
01108072 #1 Coal Primary Air Fan																									
P107764	MT	Mech PM for #1 COAL PRIMARY AIR FAN	2	10MAR03 08:00	10MAR03 09:59	108	2.00																		
P107765	GC	Elec PM for #1 COAL PRIMARY AIR FAN	1	11MAR03 16:00	11MAR03 16:59	108	1.00																		
01108082 #1 Coal System Air Fan																									
P107766	GC	Elec PM for #1 COAL SYSTEM AIR FAN	1	11MAR03 17:00	11MAR03 17:59	108	1.00																		
P107767	MT	Mech PM for #1 COAL SYSTEM AIR FAN	17	10MAR03 10:00	11MAR03 15:59	108	34.00																		
0110-01 AA Start 0110-Fuel Prep																									
0110-01	AA	Start 0110-Fuel Prep	0	10MAR03 00:00		62	0.00																		
0110-99 ZZ Complete Work on the Fuel Prep.																									
0110-99	ZZ	Complete Work on the Fuel Prep.	0		19MAR03 08:59	55	0.00																		
0125 Kiln & Cooler																									
01251400 #1 Kiln w/Motor & Starter																									
C122750.1	LS	No. 3 Tire Pad Replacement (during brick)	33	13MAR03 07:00	15MAR03 17:59	31	66.00																		
C122750.2	LS	No. 3 Tire Pad Replacement (after brick)	72	15MAR03 18:00	18MAR03 17:59	70	144.00																		
P107768	GC	Elec PM for #1 KILN W/MOTOR & STARTER	1	19MAR03 10:00	19MAR03 10:59	27	1.00																		

Start Date 10MAR03 00:00
 Finish Date 21MAR03 15:59
 Data Date 10MAR03 00:00
 Run Date 11FEB03 09:02



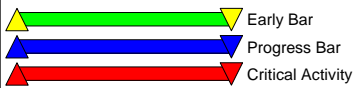
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 Lonestar, Industries
 2003 k1 Outage Plan for Maryneal, TX
 Area / Equipment



Date	Revision	Checked	Approved

Activity ID	Foreman	Activity Description	Orig Dur	Early Start	Early Finish	Total Float	Mnhr Budget	2003																	
								MAR																	
								9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
P107804	LS	Mech PM for #1 COOLER,#2 COMPARTMENT FAN	3	13MAR03 10:00	13MAR03 12:59	50	3.00	Mech PM for #1 COOLER,#2 COMPARTMENT FAN																	
01251419 #1 Cooler, #3 Compartment Fan																									
P107805	GC	Elec PM for#1 COOLER,#3 COMPARTMENT FAN	3	15MAR03 08:00	15MAR03 10:59	62	3.00	Elec PM for#1 COOLER,#3 COMPARTMENT FAN																	
P107806	LS	Mech PM for #1 COOLER,#3 COMPARTMENT FAN	4	13MAR03 13:00	13MAR03 16:59	50	4.00	Mech PM for #1 COOLER,#3 COMPARTMENT FAN																	
P107807	GC	Elec PM for#1 COOLER,#3 COMPARTMENT FAN	3	15MAR03 11:00	15MAR03 13:59	62	3.00	Elec PM for#1 COOLER,#3 COMPARTMENT FAN																	
01251420 #1 Cooler, #4 Compartment Fan																									
P107808	GC	Elec PM for#1 COOLER,#4 COMPARTMENT FAN	3	15MAR03 14:00	15MAR03 16:59	62	3.00	Elec PM for#1 COOLER,#4 COMPARTMENT FAN																	
P107809	LS	Mech PM for #1 COOLER,#4 COMPARTMENT FAN	4	13MAR03 17:00	14MAR03 09:59	50	4.00	Mech PM for #1 COOLER,#4 COMPARTMENT FAN																	
P107810	GC	Elec PM for#1 COOLER,#4 COMPARTMENT FAN	3	15MAR03 17:00	16MAR03 08:59	62	3.00	Elec PM for#1 COOLER,#4 COMPARTMENT FAN																	
01251421 #1 Kiln Nose Ring Fan w/Motor																									
P107811	LS	Mech PM for #1 KILN NOSE RING FAN W/MOTOR	4	14MAR03 10:00	14MAR03 13:59	50	4.00	Mech PM for #1 KILN NOSE RING FAN W/MOTOR																	
P107812	GC	Elec PM for#1 KILN NOSE RING FAN W/MOTOR	2	14MAR03 14:00	14MAR03 15:59	77	2.00	Elec PM for#1 KILN NOSE RING FAN W/MOTOR																	
01251423 #1 Clinker Breaker w/Motor																									
P107813	GC	Elec PM for#1 CLINKER BREAKER W/MOTOR &	2	16MAR03 16:00	16MAR03 17:59	53	2.00	Elec PM for#1 CLINKER BREAKER W/MOTOR																	
P107814	LS	Mech PM for #1 CLINKER BREAKER W/MOTOR &	9	16MAR03 07:00	16MAR03 15:59	0	18.00	Mech PM for #1 CLINKER BREAKER W/MOTOR																	

Start Date 10MAR03 00:00
Finish Date 21MAR03 15:59
Data Date 10MAR03 00:00
Run Date 11FEB03 09:02



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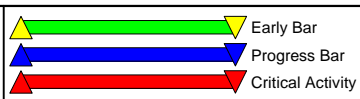
Lonestar, Industries
2003 k1 Outage Plan for Maryneal, TX
Area / Equipment



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Activity ID	Foreman	Activity Description	Orig Dur	Early Start	Early Finish	Total Float	Mnhr Budget	2003																	
								MAR																	
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01251425 #1 Cooler Multicone Collector																									
P107815	MT	Mech PM for #1 COOLER MULTICLONE COLLECTOR	50	16MAR03 16:00	21MAR03 10:59	0	150.00																		
01251426 #1 Cooler Multicone Screw																									
P107816	MT	Mech PM for #1 COOLER MULTICLONE SCREW	5	21MAR03 11:00	21MAR03 15:59	0	5.00																		
01251429 #1 Cooler Drag w/Motor & Starter																									
P107817	LS	Mech PM for #1 COOLER DRAG W/MOTOR & START	44	16MAR03 16:00	20MAR03 15:59	9	130.00																		
P107818	GC	Elec PM for #1 COOLER DRAG W/MOTOR & START	2	20MAR03 16:00	20MAR03 17:59	9	2.00																		
P107819	LS	Mech PM for #1 COOLER DRAG W/MOTOR & START	1	14MAR03 14:00	14MAR03 14:59	50	1.00																		
01251431 #1 Clinker Elevator w/Bypass																									
P107820	LS	Mech PM for #1 CLINKER ELEVATOR W/ BYPASS	1	14MAR03 15:00	14MAR03 15:59	50	1.00																		
P107821	LS	Mech PM for #1 CLINKER ELEVATOR W/ BYPASS	6	14MAR03 16:00	15MAR03 10:59	50	11.00																		
01251433 #1, Five Stage Preheater J3-B1																									
P107822	GC	Elec PM for #1, FIVE STAGE PREHEATER J3-B1	7	10MAR03 07:00	10MAR03 13:59	120	14.00																		
01251435 #1 Water Spray System																									
P107823	GC	Elec PM for #1 WATER SPRAY SYSTEM (VALVE R	3	10MAR03 14:00	10MAR03 16:59	120	3.00																		
01251442 #1 Kiln Seal Dust Return Screw																									
P107824	MT	Mech PM for #1 KILN SEAL DUST RETURN SCREW	4	10MAR03 15:00	11MAR03 07:59	112	8.00																		

Start Date 10MAR03 00:00
 Finish Date 21MAR03 15:59
 Data Date 10MAR03 00:00
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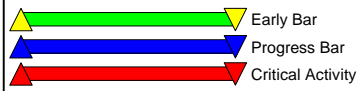
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 Lonestar, Industries
 2003 k1 Outage Plan for Maryneal, TX
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								MAR																	
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01251459 #1 Klin, #5 Wheelabrator Feeder																									
P107836	GC	Elec PM for#1KILN, #5 WHEELABRATOR FEEDER	1	17MAR03 17:00	17MAR03 17:59	41	1.00																		
P107837	MT	Mech PM for #1KILN, #5 WHEELABRATOR FEEDER	1	17MAR03 16:00	17MAR03 16:59	37	1.00																		
01251461 #1 Kiln, #6 Wheelabrator Feeder																									
P107838	GC	Elec PM for#1KILN, #6 WHEELABRATOR FEEDER	1	18MAR03 07:00	18MAR03 07:59	41	1.00																		
P107839	MT	Mech PM for #1KILN, #6 WHEELABRATOR FEEDER	1	17MAR03 17:00	17MAR03 17:59	37	1.00																		
01251463 12 Screw Conveyor No. 1 53-V2																									
P107840	GC	Elec PM for12 SCREW CONVEYOR NO.1 53-V2	1	18MAR03 08:00	18MAR03 08:59	37	1.00																		
P107841	LS	Mech PM for 12 SCREW CONVEYOR NO.1 53-V2	1	16MAR03 07:00	16MAR03 07:59	59	1.00																		
P107842	MT	Mech PM for 12 SCREW CONVEYOR NO.1 53-V2	1	18MAR03 07:00	18MAR03 07:59	37	1.00																		
01251465 12 Screw Conveyor No. 2 53-V2																									
P107843	GC	Elec PM for12 SCREW CONVEYOR NO. 2 53-V3	1	18MAR03 09:00	18MAR03 09:59	37	1.00																		
P107844	LS	Mech PM for 12 SCREW CONVEYOR NO. 2 53-V3	1	16MAR03 08:00	16MAR03 08:59	59	1.00																		
P107845	MT	Mech PM for 12 SCREW CONVEYOR NO. 2 53-V3	4	16MAR03 07:00	16MAR03 10:59	37	4.00																		
01251467 12 Screw Conveyor No. 3 53-V4																									
P107846	LS	Mech PM for 12 SCREW CONVEYOR NO. 3 53-V4	1	16MAR03 09:00	16MAR03 09:59	59	1.00																		

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 Finish Date 21MAR03 15:59
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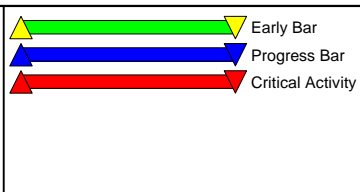


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Activity ID	Foreman	Activity Description	Orig Dur	Early Start	Early Finish	Total Float	Mnhr Budget	2003																		
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P107847	MT	Mech PM for 12 SCREW CONVEYOR NO. 3 53-V4	4	16MAR03 11:00	16MAR03 14:59	37	4.00																			
P107848	GC	Elec PM for 12 SCREW CONVEYOR NO. 3 53-V4	1	18MAR03 10:00	18MAR03 10:59	37	1.00																			
01251468 #1 KDC Dust Return Screw																										
P107849	LS	Mech PM for #1 K.D.C. DUST RET. SCREW (NEW)	1	15MAR03 12:00	15MAR03 12:59	50	1.00																			
P107850	GC	Elec PM for #1 K.D.C. DUST RET. SCREW (NEW)	1	15MAR03 17:00	15MAR03 17:59	64	1.00																			
P107851	MT	Mech PM for #1 K.D.C. DUST RET. SCREW (NEW)	4	15MAR03 13:00	15MAR03 16:59	64	4.00																			
01251469 #1 KDC Elevator Feed Screw																										
P107852	LS	Mech PM for #1 K.D.C. ELEVATOR FEED SCREW	1	16MAR03 10:00	16MAR03 10:59	59	1.00																			
P107853	MT	Mech PM for #1 K.D.C. ELEVATOR FEED SCREW	4	16MAR03 15:00	17MAR03 07:59	37	4.00																			
P107854	GC	Elec PM for #1 K.D.C. ELEVATOR FEED SCREW	1	18MAR03 11:00	18MAR03 11:59	37	1.00																			
01251477 #1 Wheelabrator Reverse Air Fan																										
P107855	MT	Mech PM for #1 WHEELABRATOR REVERSE AIR FA	4	17MAR03 08:00	17MAR03 11:59	37	4.00																			
P107856	GC	Elec PM for #1 WHEELABRATOR REVERSE AIR FA	1	17MAR03 12:00	17MAR03 12:59	47	1.00																			
01251485 #1 Kiln ID Fan w/Motor & Starter																										
P107857	GC	Elec PM for #1 KILN I.D.FAN W/MOTOR STAR	6	16MAR03 15:00	17MAR03 09:59	50	12.00																			

Start Date 10MAR03 00:00
 Finish Date 21MAR03 15:59
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 Run Date 11FEB03 09:02

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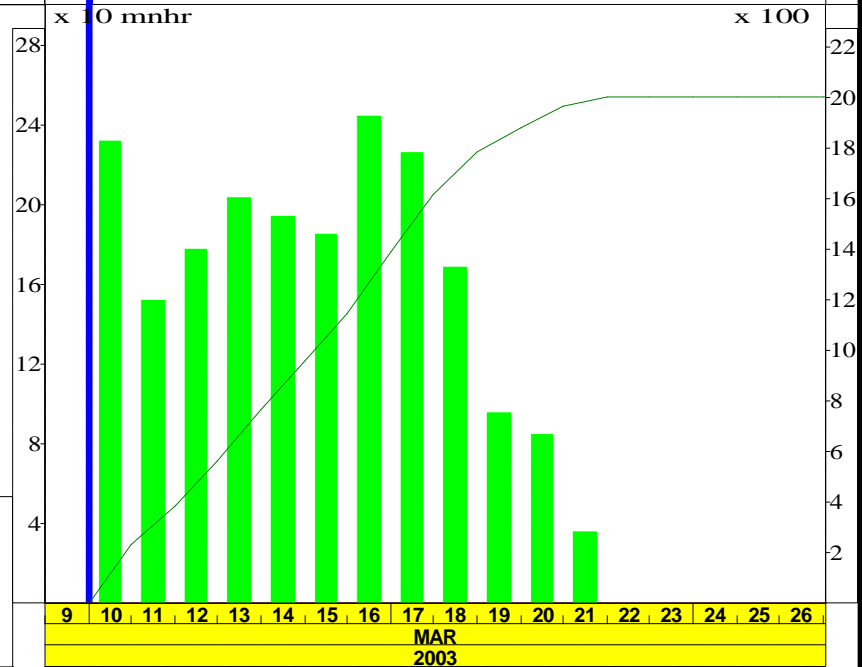
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 Lonestar, Industries
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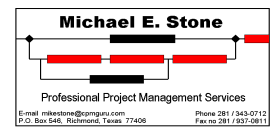
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01251518 #1 Cooler Wheelabrator Fan																									
P107869	MT	Mech PM for #1 COOLER WHEELABRATOR FAN	5	11MAR03 12:00	11MAR03 16:59	82	5.00																		
P107870	GC	Elec PM for #1 COOLER WHEELABRATOR FAN	1	11MAR03 17:00	11MAR03 17:59	108	1.00																		
TEMP																									
BRICK	LS	Kiln Refractory	66	10MAR03 07:00	15MAR03 17:59	0	0.00																		
0125-01	AA	Start Work on 0125 Kiln & Cooler	0	10MAR03 00:00		7	0.00																		
0125-99	ZZ	Complete Work on 0125 Kiln & Cooler	0		21MAR03 15:59	0	0.00																		



Resource/Cost Profile Legend		Detail scale (left): X 10mnhr	
Cumulative scale (right): X 100mnhr			
Resource: MNHR			
Total early usage per Day (Current Estimate)			
Current estimate curve			
Earned value curve			
Planned value curve			
Start Date	10MAR03 00:00		Early Bar
Finish Date	21MAR03 15:59		Progress Bar
Data Date	10MAR03 00:00		Critical Activity
Run Date	11FEB03 09:03		

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