

Acme Coke
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Coal Analysis and Screen Tests
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D.E.	MARCH	MIX	ANALYSIS					SCREEN TESTS		WT. PER Cu. FT.
			H ₂ O	V.M.	F.C.	ASH	S	TH. 1/4"	TH. 1/8"	
2		65 Mol 35 P60	3.40					93.8	77.1	45.75
3			3.50					93.2	76.8	45.58
4			3.76					93.7	77.7	45.00
5			3.80					93.4	77.3	45.00
6			4.20	26.40	67.05		645.74	93.9	79.1	44.40
7			3.80					93.7	78.8	44.50
8			4.20					92.8	97.2	45.25
9			3.80					93.2	77.5	45.00
10			2.90					92.1	76.0	44.50
11			3.40					92.9	76.3	44.50
12			3.20	25.67	68.37		596.71	91.9	74.0	44.58
13			3.40					92.6	74.8	44.25
14			2.90					92.7	70.1	45.00
15			3.10					92.7	75.4	44.75
16			3.70					91.1	74.1	44.50
17			3.30					94.8	74.8	44.25
18			3.10	25.36	68.64		600.72	92.0	75.0	44.25
19			4.10					93.3	74.2	44.00
20			3.30					92.9	78.2	44.00
21			3.10					92.4	76.2	44.50
22			3.20					92.7	76.7	44.00
23			3.20					92.8	76.9	44.75
24			3.10					93.0	77.5	43.75
25			3.60	26.60	67.68		630.63	92.1	76.6	43.75
26			3.90					91.6	74.8	44.25
27			4.50					92.1	75.8	44.50
28			4.10					93.8	77.1	43.75
29			3.60					93.1	78.1	44.00
30			3.60					92.8	76.2	44.25
31			3.60					93.7	76.6	45.00
			3.60					90.9	75.3	44.00
			3.54	26.01	67.81		618.70	92.8	76.4	44.51

FOUNDRIY COAL CHARGED. - ANALYSIS, SCREEN TESTS & WT. PER Cu. FT. MARCH 1947

D.E.	FCE & FDY #2 NUT (ANALYSIS)			FCE & FDY #2 NUT (SCREEN TEST)					
	H ₂ O	V.M.	F.C.	ASH	S.	OR 2"	OR 1 1/2"	OR 1/2"	TH 1/2"
2	12.60					1.9	96.2	1.9	1.9
3	12.80					2.7	95.0	2.3	2.3
4	9.60	.46	91.30	824	.60	2.4	95.8	1.8	1.8
5	17.60					1.9	96.0	2.1	2.1
6	13.70					3.1	94.4	2.5	2.5
7	16.30					2.0	95.9	2.1	2.1
8	17.20					3.1	94.7	2.2	2.2
9	12.20					3.2	95.5	1.3	1.3
10	18.70					2.3	95.9	1.8	1.8
11	14.30	.61	91.22	8.17	.60	2.9	94.4	2.7	2.7
12	9.60					1.9	95.8	2.3	2.3
13	14.20					2.7	95.7	1.6	1.6
14	16.10					3.6	94.5	1.9	1.9
15	12.30					2.8	93.3	3.9	3.9
16	6.00					2.5	95.8	1.7	1.7
17	15.60	1.01	90.83	8.16	.56	4.1	93.6	2.3	2.3
18	15.10					4.2	94.0	2.3	2.3
19	23.10					3.5	94.8	1.7	1.7
20	16.40					4.6	93.7	1.7	1.7
21	20.40					3.1	94.1	2.8	2.8
22	9.10					6.8	92.7	.5	.5
23	12.80					4.9	91.0	4.1	4.1
24	13.50					4.7	92.1	3.2	3.2
25	8.20	74	91.64	7.62	.60	6.3	91.7	2.0	2.0
26	7.40					5.3	93.1	1.6	1.6
27	9.60					11.9	86.3	1.8	1.8
28	20.10					7.5	90.2	2.3	2.3
29	17.60					9.3	88.9	1.8	1.8
30	12.60					6.2	91.5	2.3	2.3
1	15.60					8.7	89.6	1.7	1.7
Avg.	13.56	71	91.24	8.05	.59	11.4	86.3	2.3	2.3
						4.6	93.3	2.1	2.1

FURNACE & FOUNDRY MIXED #2 NUT (ANALYSIS - SCREEN TEST) JANUARY - 1949

D.E.	FCE & FDY #2 NUT (ANALYSIS)		FCE & FDY #2 NUT (SCREEN TEST)		
	H ₂ O	V.M.	F.C.	ASH S.	
2-2-49	13.30	98	91.17	883	59
3	9.10		90.19		
4	12.90				
5	14.50				
6	12.60				
7	13.40				
8	16.60	64	91.00	836	.61
9	14.10				
10	11.20				
11	18.30				
12	11.20				
13	15.30				
14	15.10				
15	7.80	1.01	92.10	689	.62
16	15.40				
17	11.80				
18	12.10				
19	17.00				
20	10.90				
21	14.60				
22	17.10				
23	15.10	1.57	91.43	700	.58
24	18.30				
25	17.50				
26	11.10				
27	12.80	1.26	91.00	774	.60
28	9.80				
3-1-49	20.00				
28 days	13.89	1.09	91.15	776	.60

FURNACE & FOUNDRY MIXED #2 NUT (ANALYSIS - SCREEN TEST) FEBRUARY - 1949

D.E.	FCE & FDY #2 NUT		(ANALYSIS)		FCE & FDY #2 NUT		(SCREEN TEST)	
	H ₂ O	V.M.	F.C.	ASH	ON 1"	ON 1/2"	ON 1/2"	Th 1/2"
3-2-49	13.40	12.6	91.00	7.74		30.1	68.5	1.4
3	18.10					35.0	62.3	2.7
4	13.10					36.2	60.7	3.1
5	12.50					33.2	64.3	2.5
6	9.90					35.1	61.9	3.0
7	12.70					37.8	60.0	2.2
8	7.40	12.8	91.26	7.46	61	34.6	62.7	2.7
9	20.70					33.7	64.1	2.2
10	10.30					23.7	74.1	2.2
11	9.00					32.6	65.0	2.4
12	16.80					27.8	69.9	2.3
13	16.10					26.7	70.5	2.8
14	12.40					43.4	55.8	1.8
15	14.70	5.9	91.81	7.60	65	36.3	62.2	1.5
16	15.10					41.4	56.1	2.5
17	11.90					39.1	58.2	2.7
18	6.00					39.7	58.4	1.9
19	11.20					40.6	56.9	2.5
20	9.60					48.3	50.2	1.5
21	5.60					42.5	55.6	1.9
22	9.20	18.6	91.72	7.22	58	41.9	55.2	2.9
23	15.90					40.8	55.7	3.5
24	8.50					43.7	54.1	2.2
25	13.10					42.7	55.7	1.6
26	9.90					41.6	54.9	3.5
27	13.10					65.6	42.3	2.1
28	6.00					43.1	54.9	2.0
29	13.20					42.7	55.1	2.2
30	15.70	1.16	91.32	7.52	.60	47.2	51.3	1.5
31	17.40					42.3	55.3	2.4
1	9.20					44.6	53.5	1.9
Avg.	11.93	1.07	91.82	7.11	.60	38.5	59.2	2.3

FCE AND FDY MIXED #2 NUT ANALYSIS - SCREEN TEST MARCH - 1949

D. E.	(ANALYSIS)					(SCREEN TEST)			
	H ₂ O	V.M.	F.C.	FSH	S.	0.72"	0.71"	0.71/2"	Thru 1/2"
4-2-49	9.30						31.2	68.3	1.5
3	12.10						32.3	66.2	1.5
4	15.10						34.2	64.3	1.5
5	8.80						35.3	63.2	1.5
6	14.50						46.2	53.3	1.5
7	10.60						47.0	51.2	1.8
8	10.10						45.6	52.8	1.6
9	6.10						70.1	57.9	2.0
10	11.70						47.2	50.9	1.9
11	6.20						46.6	50.6	2.8
12	14.10	1.98	90.84	2.18	.61		45.4	51.2	3.4
13	2.00						47.4	50.1	2.5
14	4.70						53.0	43.9	3.1
15	1.70						51.6	45.6	2.8
16	5.10						43.1	55.7	1.2
17	6.40						42.5	52.5	3.0
18	9.70						35.5	61.1	3.4
19	17.10	1.36	91.22	7.42	.60		46.8	50.0	2.7
20	9.90						46.4	52.2	1.4
21	11.50					4.6	40.6	51.9	2.9
22	2.30						43.6	53.5	3.1
23	12.80						40.8	56.1	2.1
24	12.10						45.3	52.6	1.6
25	8.80						46.1	52.3	2.5
26	19.40	1.08	91.14	7.78	.60		44.2	53.3	3.5
27	14.50					5.3	51.7	39.5	1.7
28	17.00					1.0	42.1	55.2	3.9
29	6.80					.8	39.8	55.4	2.8
30	9.20					1.3	41.8	54.1	1.9
1	5.90					-	46.3	51.8	2.3
	9.85	1.14	91.40	7.46	.60	.4	43.3	54.0	2.3

D.E.	(ANALYSIS)					(SCREEN TEST)			
	H ₂ O	V.M.	F.C.	HSH	S.	OD 1 1/2"	OD 1"	OD 1/2"	THRU 1/2"
5-2-49									
3	6.60	1.15	90.77	8.08			64.2	35.0	.8
4	11.90				.62	2.5	59.2	36.5	1.8
5	10.50						63.0	35.4	1.6
6	6.70						60.5	36.3	3.2
7	2.80						61.6	37.2	1.2
8	9.80						64.2	34.4	1.4
9	9.40						61.1	35.9	3.0
10	2.20	1.50	91.15	7.35	.63	6.0	62.7	34.4	2.9
11	16.30					4.5	59.1	37.9	2.0
12	5.70					1.4	65.5	28.8	1.2
13	12.60						60.8	35.2	2.6
14	10.80						57.5	39.1	3.4
15	4.50						52.6	40.1	2.3
16	10.70						58.9	39.9	1.2
17	15.80	1.35	90.98	7.67	.61		63.9	34.5	1.6
18	10.20						57.3	56.2	2.5
19	6.10					4.2	56.7	41.4	1.9
20	8.20					3.1	61.3	32.8	1.7
21	17.10					7.5	58.0	36.5	2.4
22	15.10					3.3	64.1	26.5	1.9
23	12.30					3.8	64.0	31.2	1.5
24	11.10	.89	91.22	7.89	.58		47.5	42.7	6.0
25	5.40						66.4	32.4	1.2
26	13.70						65.3	33.5	1.2
27	5.10					6.0	54.7	37.0	2.3
28	11.70						61.5	35.3	3.2
29	7.50					6.5	62.0	30.3	1.2
30	11.80					9.2	57.8	30.1	2.9
31	6.40	1.07	91.58	7.35	.59	13.6	61.2	22.8	2.4
6-1-49	10.50					11.8	60.4	26.0	1.8
15.70									
AVG.	9.82	1.19	91.14	7.67	.61	2.2	61.4	34.3	2.1

FCE AND FDY MIXED #2 NUT (ANALYSIS - SCREEN TEST)

MAY - 1949

ANALYSIS

SCREEN TEST

D.E.	ANALYSIS				SCREEN TEST					
	H ₂ O	V.M.	F.C.	ASH	S.	00 2"	00 1 1/2"	00 1"	00 1/2"	Thru 1/2"
6-2-49	11.20							57.4	39.2	2.9
3	6.70						3.5	57.6	36.8	2.1
4	15.10						9.2	57.8	31.1	1.9
5	1.30						7.6	53.4	36.4	2.6
6	3.20						3.1	62.7	31.5	2.7
7	9.50	9.2	91.48	7.60	.62		2.5	69.2	30.2	.6
8	7.90						3.7	63.9	32.5	1.1
9	5.20						1.6	59.5	33.6	3.2
10	11.30							63.2	32.8	2.4
11	6.40						.0	57.3	40.1	2.6
12	3.80						1.3	61.7	35.2	1.8
13	1.80						1.5	56.0	39.3	3.2
14	5.00	1.10	91.00	7.90	.61		4.3	57.0	38.0	.7
15	5.00							53.4	45.1	1.9
16	6.30						3.7	59.5	33.6	3.2
17	11.40							56.1	42.3	1.6
18	11.20							55.3	42.1	2.6
19	10.00							1.4	94.9	3.7
20	8.40							1.4	96.2	2.4
21	10.10	1.02	91.20	7.78	.59			2.1	90.8	7.1
22	3.10							1.8	94.8	3.4
23	9.50							1.0	96.0	3.0
24	10.50							1.6	94.2	4.2
25	6.30							2.5	95.3	2.2
26	3.10							1.0	96.6	2.4
27	1.70							.5	96.6	2.9
28	5.40							2.6	95.3	2.1
29	12.20							3.2	91.8	5.0
30	3.80	2.49	90.25	7.26	.60			1.8	96.1	2.1
1	6.40							1.4	95.8	2.8
	7.07	1.38	90.98	7.19	.61			3.3	61.8	2.6
								34.1	60.0	

total 13

D.E.	#2 NUT ANALYSIS				SCREEN TEST		
	H ₂ O	V.M.	F.C.	ASH	S.	00 1 1/2"	00 1 1/2"
7-2-49	14.50					96.5	1.9
3	2.90					95.9	3.2
4	2.20					95.4	2.2
5	6.60	.89	91.25	7.86	.58	93.9	9.0
6	6.00					94.2	2.0
7	12.30					95.7	2.9
8	13.00					96.3	1.9
9	14.90					93.1	2.3
10	10.00					92.6	4.0
11	4.80					82.6	2.0
12	17.90	.82	91.64	7.54	.57	86.1	3.0
13	12.70					86.1	2.6
14	5.40					92.5	2.9
15	3.40					91.3	2.5
16	5.20					93.0	3.2
17	4.70					93.5	2.1
18	8.10					86.8	1.9
19	4.90	.71	91.52	7.77	.59	85.3	5.1
20	13.70					84.4	3.0
21	5.70					89.2	2.6
22	4.10					90.7	1.8
23	1.50					88.6	2.1
24	8.50					90.0	2.5
25	9.00					91.0	4.7
26	2.10	1.60	90.08	8.32	.62	90.6	2.9
27	3.40					92.7	3.1
28	10.90					91.6	2.6
29	5.10					86.8	1.9
30	5.40					85.9	1.7
31	6.20					86.1	2.5
	2.30					82.9	3.0
	7.32	1.05	91.08	7.87	.59	90.4	2.7

FCE AND FDY MIXED #2 NUT (ANALYSIS - SCREEN TEST) JULY - 1949

SCREEN TEST

ANALYSIS

D.E.	H ₂ O	V. M.	F.C.	ASH	S.	ON 1/2"	ON 1"	ON 1/2"	TH. 1/2"
9-2-49	5.10					-	17.8	79.0	3.2
3	8.40					-	20.8	75.4	3.8
4	4.60					.0	21.0	75.5	3.5
5	7.80					.0	25.1	72.3	2.6
6	7.00	1.30	90.82	7.88	.62		30.3	67.6	2.1
7	12.00						26.8	67.8	5.4
8	11.00						28.5	68.1	3.4
9	9.30						28.4	70.7	1.9
10	7.40						31.6	67.4	1.0
11	3.00						13.6	85.2	1.2
12	9.20						15.6	81.3	3.1
13	5.30						12.4	85.0	2.6
14	6.20	.65	91.25	8.10	.60		42.5	55.9	1.6
15	12.90						14.7	81.9	3.4
16	3.00						26.0	71.5	2.5
17	4.00						21.9	76.3	1.8
18	7.80						18.8	78.5	2.7
19	2.70	.80	91.05	8.15	.59		23.0	75.9	1.1
20	10.40						21.7	76.2	2.1
21	2.90						17.6	80.7	1.7
22	1.90						17.9	80.0	1.6
23	2.90						21.4	76.5	2.1
24	6.70						24.5	73.4	2.1
25	8.50						23.9	73.6	2.5
26	4.90	.54	91.60	7.86	.60		33.5	65.8	1.7
27	1.70						29.7	68.8	1.5
28	3.50						32.6	65.8	1.6
29	10.20						37.8	59.2	3.0
30	7.60						21.4	75.9	2.7
10-1-49	2.70						23.7	73.9	2.4
AVG.	8.37	.84	91.26	8.00	.60		24.2	73.6	2.2

SEPTEMBER-1949

FURNACE & FOUNDRY MIXED #2 NUT - ANALYSIS & SCREEN TEST

SCREEN TEST

ANALYSIS

D.E.	H ₂ O	Y.M.	F.C.	ASH	S.	ON 1/2"	ON 1"	ON 1 1/2"	TH. %"
2-2-48	5.80						25.8	71.6	2.6
3	10.90						36.3	62.5	1.2
4	12.60	.68	90.80	8.52	.60		37.6	60.3	3.1
5	2.20						28.4	68.5	3.1
6	2.60						17.8	79.3	2.9
7	9.40						28.5	69.3	2.2
8	2.50						24.7	73.0	1.8
9	2.30						36.5	61.1	2.4
10	7.30						34.8	63.7	1.5
11	4.00	.68	90.46	8.86	.62		28.7	68.8	2.5
12	2.70						30.9	68.2	2.9
13	4.90						32.4	66.3	1.3
14	2.10						26.9	71.0	2.1
15	3.50						28.1	70.4	1.5
16	5.10						31.4	65.8	2.8
17	2.30						36.7	61.7	1.6
18	2.50	.58	90.66	8.76	.61		29.2	67.9	2.9
19	5.10						37.0	61.1	1.4
20	7.80						38.7	60.4	1.9
21	1.50						48.6	49.9	1.5
22	4.80						25.0	70.2	4.8
23	5.80	Mixed					28.1	68.2	3.7
24	4.60	.54	90.84	8.62	.59		39.6	57.9	2.5
25	2.20						28.3	69.9	1.8
26	2.40						34.5	63.9	1.6
27	2.10						39.8	58.6	1.6
28	2.40						36.9	61.9	1.4
29	1.50						38.5	59.3	2.2
30	4.50	.71	91.09	8.20			30.8	67.8	1.4
31	4.50	.62	90.69	8.69	.61		32.9	64.2	1.4
Mix	4.85	.71	91.09	8.20	.58		31.8	66.0	2.2
Fa ^{of}		.65	90.80	8.55	.60		32.6	65.2	2.2

OCTOBER - 1949

FURNACE & FOUNDRY MIXED #2 NOT - ANALYSIS & SCREEN TEST

SCREEN TEST

ANALYSIS

D.E.	H ₂ O	V.M.	F.C.	ASH	S.	ON 1"	ON 1/2"	TM 1/2"
11-2-49	4.40					33.9	62.3	3.8
3	5.70					31.8	65.4	2.8
4	13.20					26.9	68.4	4.7
5	6.60					28.5	69.6	1.9
6	2.30					33.5	63.9	2.6
7	3.40					33.9	62.3	3.8
8	4.90					44.6	53.4	2.0
9	3.30	80	91.00	8.20	.62	42.0	56.4	1.6
10	2.40					39.1	58.1	2.8
11	4.90					37.4	60.7	1.9
12	4.40					34.1	63.6	2.3
13	4.10					38.0	60.1	1.9
14	1.90					40.5	57.2	2.3
15	4.00	.37	91.25	8.38	.57	37.2	60.0	2.8
16	6.10					31.5	65.9	2.6
17	7.20					30.9	65.4	3.7
18	4.90					34.6	62.8	2.6
19	2.40					39.5	58.7	1.8
20	6.20					40.3	57.5	2.2
21	6.80					33.2	64.8	2.0
22	5.80	.41	90.94	8.65	.57	50.3	49.2	.5
23	5.10					38.1	60.2	1.7
24	6.80					35.9	61.9	2.2
25	9.90					37.6	59.2	3.2
26	9.50					41.0	57.7	1.3
27	9.40					36.5	61.7	1.8
28	8.80					37.0	60.9	2.1
29	6.10	.57	90.40	9.03	.59	38.7	59.7	1.7
30	3.00					34.5	63.2	2.3
12-1-49	7.50					41.4	56.6	2.0
AVG.	5.67	.54	90.89	8.57	.59	36.7	60.9	2.4

NOVEMBER-1949

FORMULA #2 NOT COKE PRODUCED - ANALYSIS & SCREEN TEST

ANALYSIS

SCREEN TEST

D.E.	H ₂ O	V.M.	F.C.	ASH	S.	DN 1"	DN 1/2"	TH 1/2"
12-2-49	16.30				S.	4 2.7	53.6	1.7
3	6.00					3 9.6	58.6	1.8
4	5.90					4 1.7	55.9	2.4
5	6.40					4 4.3	53.2	2.5
6	7.50					4 6.1	52.1	1.8
7	9.10	.79	91.21	8.00	.58	4 3.5	50.0	1.5
8	10.60					4 6.6	51.4	2.0
9	5.50					4 2.3	56.6	1.1
10	11.30					3 9.9	57.8	2.3
11	7.80					4 0.8	57.4	1.8
12	8.90					4 3.5	53.9	2.6
13	10.00	.53	91.07	8.40	.58	3 9.6	56.9	3.5
14	2.60					5 3.0	45.2	1.8
15	8.60					4 2.5	49.9	2.6
16	7.90					3 8.9	58.4	2.7
17	7.50					4 0.3	56.2	3.5
18	10.20					4 5.6	52.5	1.9
19	12.40	.71	91.38	7.91	.57	3 6.5	60.4	3.1
20	6.00					4 9.0	49.0	1.5
21	12.50					3 6.0	60.1	3.9
22	12.10					3 4.4	60.3	5.3
23	9.50					2 4.5	71.7	3.8
24	8.50					2 7.1	69.9	3.0
25	10.20					2 6.4	70.8	2.8
26	8.50					1 8.3	77.1	4.6
27	12.80	.75	91.22	8.03	.54	1 4.5	82.9	2.6
28	9.20					1.5	94.5	4.0
29	6.00					2.6	94.2	3.2
30	9.90					1.7	97.0	1.3
31	12.30					1.1	96.9	2.0
1-1-50	11.30					2.6	95.7	1.7
avg	9.11	.69	91.23	8.08	.57	32.6	64.8	2.6

FURNACE #2 NUT COKE PRODUCED - ANALYSIS & SCREEN TEST

DECEMBER 1949