

Acme Coke  
11236 S. Torrence Ave.  
Chicago IL 60617



[acmecoke.com](http://acmecoke.com)

Document archive

Wilputte NH<sub>3</sub> Effluent Data  
Dated: April 1992

*Recovered from site on Jan 30 2021*

ACME STEEL  
NH3 EFFLUENT DATA  
APRIL & MAY 1992

DATE: Apr 21, 1992

AMMONIA: MG/L

STILL BEFORE: 2450.00  
STILL AFTER : 12.90  
FINAL COOLER: 6930.00  
MH #9: 12.90  
BLEEDER STACK: 2.50  
LIGHT OIL: 120.40  
MH #2: 34.70  
NORTH BAY:  
STILL FLOW TOTAL: 120.00  
S/C STRIPPED WATER: 15.00  
STILL FLOW NET: 105.00  
SANITARY FLOW GPD: 290250.00  
OVENS CHARGED PER DAY: 99.00  
TOTAL COKE - DT/D: 1229.58

NH3 FROM MH #9: 16.26  
NH3 FROM BLEEDER MAX: 2.90  
NH3 FROM LIGHT OIL MAX: 139.57  
NH3 DISCHARGED: 83.97  
NH3 ALLOWED 30 DAY AVERAGE: 79.18  
NH3 ALLOWED MAX 30 DAY AVERAGE: 106.  
NH3 ALLOWED 1 DAY LIMIT: 158.61  
NH3 ALLOWED MAX 1 DAY LIMIT: 213.08  
BLEEDER STACK FLOW: 50.77  
LIGHT OIL FOW: 45.79

SANITARY FLOW GPM: 201.56

NH3 FROM STILL: 16.26  
NH3 FROM MH #9: 16.26  
NH3 FROM B.S. : 1.52  
NH3 FROM L.O. : 66.19

DATE: Apr 22, 1992

AMMONIA: MG/L

STILL BEFORE: 2520.00  
STILL AFTER : 11.20  
FINAL COOLER: 6720.00  
MH #9: 21.30  
BLEEDER STACK: 14.00  
LIGHT OIL: 120.40  
MH #2: 33.60  
NORTH BAY:  
STILL FLOW TOTAL: 120.00  
S/C STRIPPED WATER: 15.00  
STILL FLOW NET: 105.00  
SANITARY FLOW GPD: 283550.00  
OVENS CHARGED PER DAY: 99.00  
TOTAL COKE - DT/D: 1229.58

NH3 FROM MH #9: 26.85  
NH3 FROM BLEEDER MAX: 15.45  
NH3 FROM LIGHT OIL MAX: 132.85  
NH3 DISCHARGED: 79.43  
NH3 ALLOWED 30 DAY AVERAGE: 79.18  
NH3 ALLOWED MAX 30 DAY AVERAGE: 106.  
NH3 ALLOWED 1 DAY LIMIT: 158.61  
NH3 ALLOWED MAX 1 DAY LIMIT: 213.08  
BLEEDER STACK FLOW: 62.84  
LIGHT OIL FOW: 29.07

SANITARY FLOW GPM: 196.91

NH3 FROM STILL: 14.12  
NH3 FROM MH #9: 26.85  
NH3 FROM B.S. : 10.56  
NH3 FROM L.O. : 42.02

ACME STEEL  
NH3 EFFLUENT DATA  
APRIL & MAY 1992

DATE: Apr 23, 1992

AMMONIA: MG/L

STILL BEFORE: 2560.00  
STILL AFTER : 16.80  
FINAL COOLER:  
MH #9: 19.00  
BLEEDER STACK: 6.70  
LIGHT OIL: 120.40  
MH #2: 34.70  
NORTH BAY:  
STILL FLOW TOTAL: 123.00  
S/C STRIPPED WATER: 15.00  
STILL FLOW NET: 108.00  
SANITARY FLOW GPD: 283250.00  
OVENS CHARGED PER DAY: 99.00  
TOTAL COKE - DT/D: 1229.58

NH3 FROM MH #9: 24.63  
NH3 FROM BLEEDER MAX: 7.13  
NH3 FROM LIGHT OIL MAX: 128.21  
NH3 DISCHARGED: 81.94  
NH3 ALLOWED 30 DAY AVERAGE: 79.18  
NH3 ALLOWED MAX 30 DAY AVERAGE: 106.  
NH3 ALLOWED 1 DAY LIMIT: 158.61  
NH3 ALLOWED MAX 1 DAY LIMIT: 213.08  
BLEEDER STACK FLOW: 51.94  
LIGHT OIL FOW: 36.76

SANITARY FLOW GPM: 196.70

NH3 FROM STILL: 21.78  
NH3 FROM MH #9: 24.63  
NH3 FROM B.S. : 4.18  
NH3 FROM L.O. : 53.13

DATE: Apr 24, 1992

AMMONIA: MG/L

STILL BEFORE: 2450.00  
STILL AFTER : 12.90  
FINAL COOLER: 5670.00  
MH #9: 12.30  
BLEEDER STACK: 5.60  
LIGHT OIL: 114.80  
MH #2: 29.10  
NORTH BAY: 18.50  
STILL FLOW TOTAL: 125.00  
S/C STRIPPED WATER: 15.00  
STILL FLOW NET: 110.00  
SANITARY FLOW GPD: 294390.00  
OVENS CHARGED PER DAY: 99.00  
TOTAL COKE - DT/D: 1229.58

NH3 FROM MH #9: 16.24  
NH3 FROM BLEEDER MAX: 6.35  
NH3 FROM LIGHT OIL MAX: 130.16  
NH3 DISCHARGED: 71.42  
NH3 ALLOWED 30 DAY AVERAGE: 79.18  
NH3 ALLOWED MAX 30 DAY AVERAGE: 106.  
NH3 ALLOWED 1 DAY LIMIT: 158.61  
NH3 ALLOWED MAX 1 DAY LIMIT: 213.08  
BLEEDER STACK FLOW: 57.19  
LIGHT OIL FOW: 37.25

SANITARY FLOW GPM: 204.44

NH3 FROM STILL: 17.04  
NH3 FROM MH #9: 16.24  
NH3 FROM B.S. : 3.84  
NH3 FROM L.O. : 51.34

ACME STEEL  
NH3 EFFLUENT DATA  
APRIL & MAY 1992

DATE: Apr 25, 1992

AMMONIA: MG/L

STILL BEFORE: 2240.00  
STILL AFTER : 6.70  
FINAL COOLER: 9100.00  
MH #9: 17.90  
BLEEDER STACK: 2.50  
LIGHT OIL: 142.80  
MH #2: 33.60  
NORTH BAY:  
STILL FLOW TOTAL: 125.00  
S/C STRIPPED WATER: 15.00  
STILL FLOW NET: 110.00  
SANITARY FLOW GPD: 284570.00  
OVENS CHARGED PER DAY: 99.00  
TOTAL COKE - DT/D: 1229.58

NH3 FROM MH #9: 23.64  
NH3 FROM BLEEDER MAX: 2.63  
NH3 FROM LIGHT OIL MAX: 150.21  
NH3 DISCHARGED: 79.71  
NH3 ALLOWED 30 DAY AVERAGE: 79.18  
NH3 ALLOWED MAX 30 DAY AVERAGE: 106.  
NH3 ALLOWED 1 DAY LIMIT: 158.61  
NH3 ALLOWED MAX 1 DAY LIMIT: 213.08  
BLEEDER STACK FLOW: 55.89  
LIGHT OIL FOW: 31.73

SANITARY FLOW GPM: 197.62

NH3 FROM STILL: 8.85  
NH3 FROM MH #9: 23.64  
NH3 FROM B.S. : 1.68  
NH3 FROM L.O. : 54.40

DATE: Apr 26, 1992

AMMONIA: MG/L

STILL BEFORE: 2410.00  
STILL AFTER : 15.70  
FINAL COOLER: 14420.00  
MH #9: 10.60  
BLEEDER STACK: 29.10  
LIGHT OIL: 151.20  
MH #2: 38.10  
NORTH BAY:  
STILL FLOW TOTAL: 125.00  
S/C STRIPPED WATER: 15.00  
STILL FLOW NET: 110.00  
SANITARY FLOW GPD: 282550.00  
OVENS CHARGED PER DAY: 99.00  
TOTAL COKE - DT/D: 1229.58

NH3 FROM MH #9: 14.00  
NH3 FROM BLEEDER MAX: 30.12  
NH3 FROM LIGHT OIL MAX: 156.51  
NH3 DISCHARGED: 89.75  
NH3 ALLOWED 30 DAY AVERAGE: 79.18  
NH3 ALLOWED MAX 30 DAY AVERAGE: 106.  
NH3 ALLOWED 1 DAY LIMIT: 158.61  
NH3 ALLOWED MAX 1 DAY LIMIT: 213.08  
BLEEDER STACK FLOW: 55.09  
LIGHT OIL FOW: 31.13

SANITARY FLOW GPM: 196.22

NH3 FROM STILL: 20.73  
NH3 FROM MH #9: 14.00  
NH3 FROM B.S. : 19.25  
NH3 FROM L.O. : 56.51

ACME STEEL  
NH3 EFFLUENT DATA  
APRIL & MAY 1992

DATE: Apr 27, 1992

AMMONIA: MG/L

STILL BEFORE: 2350.00  
STILL AFTER : 8.40  
FINAL COOLER: 11980.00  
MH #9: 26.90  
BLEEDER STACK: 44.80  
LIGHT OIL: 169.00  
MH #2: 47.60  
NORTH BAY:  
STILL FLOW TOTAL: 125.00  
S/C STRIPPED WATER: 15.00  
STILL FLOW NET: 110.00  
SANITARY FLOW GPD: 296740.00  
OVENS CHARGED PER DAY: 99.00  
TOTAL COKE - DT/D: 1229.58

NH3 FROM MH #9: 35.52  
NH3 FROM BLEEDER MAX: 51.67  
NH3 FROM LIGHT OIL MAX: 194.92  
NH3 DISCHARGED: 117.76  
NH3 ALLOWED 30 DAY AVERAGE: 79.18  
NH3 ALLOWED MAX 30 DAY AVERAGE: 106.  
NH3 ALLOWED 1 DAY LIMIT: 158.61  
NH3 ALLOWED MAX 1 DAY LIMIT: 213.08  
BLEEDER STACK FLOW: 75.57  
LIGHT OIL FOW: 20.50

SANITARY FLOW GPM: 206.07

NH3 FROM STILL: 11.09  
NH3 FROM MH #9: 35.52  
NH3 FROM B.S. : 40.64  
NH3 FROM L.O. : 41.59

DATE: Apr 28, 1992

AMMONIA: MG/L

STILL BEFORE: 2870.00  
STILL AFTER : 21.30  
FINAL COOLER: 9590.00  
MH #9: 20.20  
BLEEDER STACK: 37.00  
LIGHT OIL: 105.30  
MH #2: 46.50  
NORTH BAY:  
STILL FLOW TOTAL: 125.00  
S/C STRIPPED WATER: 15.00  
STILL FLOW NET: 110.00  
SANITARY FLOW GPD: 300040.00  
OVENS CHARGED PER DAY: 99.00  
TOTAL COKE - DT/D: 1229.58

NH3 FROM MH #9: 26.68  
NH3 FROM BLEEDER MAX: 43.69  
NH3 FROM LIGHT OIL MAX: 124.34  
NH3 DISCHARGED: 116.32  
NH3 ALLOWED 30 DAY AVERAGE: 79.18  
NH3 ALLOWED MAX 30 DAY AVERAGE: 106.  
NH3 ALLOWED 1 DAY LIMIT: 158.61  
NH3 ALLOWED MAX 1 DAY LIMIT: 213.08  
BLEEDER STACK FLOW: 42.32  
LIGHT OIL FOW: 56.04

SANITARY FLOW GPM: 208.36

NH3 FROM STILL: 28.13  
NH3 FROM MH #9: 26.68  
NH3 FROM B.S. : 18.80  
NH3 FROM L.O. : 70.84

ACME STEEL  
NH3 EFFLUENT DATA  
APRIL & MAY 1992

DATE: Apr 29, 1992

AMMONIA: MG/L

STILL BEFORE: 2720.00  
STILL AFTER : 14.00  
FINAL COOLER: 16100.00  
MH #9: 22.40  
BLEEDER STACK: 17.90  
LIGHT OIL: 100.80  
MH #2: 44.80  
NORTH BAY: 32.50  
STILL FLOW TOTAL: 130.00  
S/C STRIPPED WATER: 15.00  
STILL FLOW NET: 115.00  
SANITARY FLOW GPD: 310140.00  
OVENS CHARGED PER DAY: 99.00  
TOTAL COKE - DT/D: 1229.58

NH3 FROM MH #9: 30.93  
NH3 FROM BLEEDER MAX: 21.57  
NH3 FROM LIGHT OIL MAX: 121.47  
NH3 DISCHARGED: 115.84  
NH3 ALLOWED 30 DAY AVERAGE: 79.18  
NH3 ALLOWED MAX 30 DAY AVERAGE: 106.  
NH3 ALLOWED 1 DAY LIMIT: 158.61  
NH3 ALLOWED MAX 1 DAY LIMIT: 213.08  
BLEEDER STACK FLOW: 36.74  
LIGHT OIL FOW: 63.64

SANITARY FLOW GPM: 215.38

NH3 FROM STILL: 19.33  
NH3 FROM MH #9: 30.93  
NH3 FROM B.S. : 7.90  
NH3 FROM L.O. : 77.01

DATE: Apr 30, 1992

AMMONIA: MG/L

STILL BEFORE: 2590.00  
STILL AFTER : 16.80  
FINAL COOLER: 12600.00  
MH #9: 11.20  
BLEEDER STACK: 15.70  
LIGHT OIL: 100.80  
MH #2: 38.10  
NORTH BAY: 11.80  
STILL FLOW TOTAL: 130.00  
S/C STRIPPED WATER: 15.00  
STILL FLOW NET: 115.00  
SANITARY FLOW GPD: 305160.00  
OVENS CHARGED PER DAY: 99.00  
TOTAL COKE - DT/D: 1229.58

NH3 FROM MH #9: 15.46  
NH3 FROM BLEEDER MAX: 18.27  
NH3 FROM LIGHT OIL MAX: 117.29  
NH3 DISCHARGED: 96.93  
NH3 ALLOWED 30 DAY AVERAGE: 79.18  
NH3 ALLOWED MAX 30 DAY AVERAGE: 106.  
NH3 ALLOWED 1 DAY LIMIT: 158.61  
NH3 ALLOWED MAX 1 DAY LIMIT: 213.08  
BLEEDER STACK FLOW: 35.06  
LIGHT OIL FOW: 61.86

SANITARY FLOW GPM: 211.92

NH3 FROM STILL: 23.19  
NH3 FROM MH #9: 15.46  
NH3 FROM B.S. : 6.61  
NH3 FROM L.O. : 74.86

ACME STEEL  
NH3 EFFLUENT DATA  
APRIL & MAY 1992

DATE: May 1, 1992

AMMONIA: MG/L

STILL BEFORE: 2800.00  
STILL AFTER : 20.20  
FINAL COOLER: 11900.00  
MH #9: 44.80  
BLEEDER STACK: 100.80  
LIGHT OIL: 122.10  
MH #2: 52.10  
NORTH BAY: 10.10  
STILL FLOW TOTAL: 127.00  
S/C STRIPPED WATER: 15.00  
STILL FLOW NET: 112.00  
SANITARY FLOW GPD: 303220.00  
OVENS CHARGED PER DAY: 99.00  
TOTAL COKE - DT/D: 1229.58

NH3 FROM MH #9: 60.24  
NH3 FROM BLEEDER MAX: 119.28  
NH3 FROM LIGHT OIL MAX: 144.49  
NH3 DISCHARGED: 131.71  
NH3 ALLOWED 30 DAY AVERAGE: 79.18  
NH3 ALLOWED MAX 30 DAY AVERAGE: 106.  
NH3 ALLOWED 1 DAY LIMIT: 158.61  
NH3 ALLOWED MAX 1 DAY LIMIT: 213.08  
BLEEDER STACK FLOW: 285.55  
LIGHT OIL FOW: -186.98

SANITARY FLOW GPM: 210.57

NH3 FROM STILL: 27.16  
NH3 FROM MH #9: 60.24  
NH3 FROM B.S. : 345.55  
NH3 FROM L.O. : -274.08

DATE: May 2, 1992

AMMONIA: MG/L

STILL BEFORE: 2590.00  
STILL AFTER : 14.00  
FINAL COOLER: 10360.00  
MH #9: 36.40  
BLEEDER STACK: 61.60  
LIGHT OIL: 134.40  
MH #2: 57.70  
NORTH BAY: 22.40  
STILL FLOW TOTAL: 120.00  
S/C STRIPPED WATER: 15.00  
STILL FLOW NET: 105.00  
SANITARY FLOW GPD: 288080.00  
OVENS CHARGED PER DAY: 99.00  
TOTAL COKE - DT/D: 1229.58

NH3 FROM MH #9: 45.88  
NH3 FROM BLEEDER MAX: 70.30  
NH3 FROM LIGHT OIL MAX: 153.38  
NH3 DISCHARGED: 138.58  
NH3 ALLOWED 30 DAY AVERAGE: 79.18  
NH3 ALLOWED MAX 30 DAY AVERAGE: 106.  
NH3 ALLOWED 1 DAY LIMIT: 158.61  
NH3 ALLOWED MAX 1 DAY LIMIT: 213.08  
BLEEDER STACK FLOW: 69.43  
LIGHT OIL FOW: 25.63

SANITARY FLOW GPM: 200.06

NH3 FROM STILL: 17.65  
NH3 FROM MH #9: 45.88  
NH3 FROM B.S. : 51.35  
NH3 FROM L.O. : 41.35

ACME STEEL  
NH3 EFFLUENT DATA  
APRIL & MAY 1992

DATE: May 3, 1992

AMMONIA: MG/L

STILL BEFORE: 2800.00  
STILL AFTER : 5.60  
FINAL COOLER: 11480.00  
MH #9: 19.60  
BLEEDER STACK: 26.90  
LIGHT OIL: 108.60  
MH #2: 46.50  
NORTH BAY:  
STILL FLOW TOTAL: 120.00  
S/C STRIPPED WATER: 15.00  
STILL FLOW NET: 105.00  
SANITARY FLOW GPD: 276850.00  
OVENS CHARGED PER DAY: 99.00  
TOTAL COKE - DT/D: 1229.58

NH3 FROM MH #9: 24.71  
NH3 FROM BLEEDER MAX: 28.18  
NH3 FROM LIGHT OIL MAX: 113.77  
NH3 DISCHARGED: 107.33  
NH3 ALLOWED 30 DAY AVERAGE: 79.18  
NH3 ALLOWED MAX 30 DAY AVERAGE: 106.  
NH3 ALLOWED 1 DAY LIMIT: 158.61  
NH3 ALLOWED MAX 1 DAY LIMIT: 213.08  
BLEEDER STACK FLOW: 31.76  
LIGHT OIL FOW: 55.50

SANITARY FLOW GPM: 192.26

NH3 FROM STILL: 7.06  
NH3 FROM MH #9: 24.71  
NH3 FROM B.S. : 10.26  
NH3 FROM L.O. : 72.36

DATE: May 4, 1992

AMMONIA: MG/L

STILL BEFORE: 2730.00  
STILL AFTER : 8.40  
FINAL COOLER: 11060.00  
MH #9: 25.20  
BLEEDER STACK: 39.20  
LIGHT OIL: 95.20  
MH #2: 47.60  
NORTH BAY: 15.70  
STILL FLOW TOTAL: 98.00  
S/C STRIPPED WATER: 12.50  
STILL FLOW NET: 85.50  
SANITARY FLOW GPD: 253260.00  
OVENS CHARGED PER DAY: 99.00  
TOTAL COKE - DT/D: 1229.58

NH3 FROM MH #9: 25.87  
NH3 FROM BLEEDER MAX: 42.53  
NH3 FROM LIGHT OIL MAX: 103.30  
NH3 DISCHARGED: 100.50  
NH3 ALLOWED 30 DAY AVERAGE: 79.18  
NH3 ALLOWED MAX 30 DAY AVERAGE: 106.  
NH3 ALLOWED 1 DAY LIMIT: 158.61  
NH3 ALLOWED MAX 1 DAY LIMIT: 213.08  
BLEEDER STACK FLOW: 42.64  
LIGHT OIL FOW: 47.74

SANITARY FLOW GPM: 175.88

NH3 FROM STILL: 8.62  
NH3 FROM MH #9: 25.87  
NH3 FROM B.S. : 20.07  
NH3 FROM L.O. : 54.56



ACME STEEL  
NH3 EFFLUENT DATA  
APRIL & MAY 1992

DATE: May 5, 1992

AMMONIA: MG/L

STILL BEFORE: 2700.00  
STILL AFTER : 11.20  
FINAL COOLER: 11200.00  
MH #9: 20.70  
BLEEDER STACK: 35.30  
LIGHT OIL: 95.20  
MH #2: 36.40  
NORTH BAY: 15.70  
STILL FLOW TOTAL: 110.00  
S/C STRIPPED WATER: 15.00  
STILL FLOW NET: 95.00  
SANITARY FLOW GPD: 271620.00  
OVENS CHARGED PER DAY: 99.00  
TOTAL COKE - DT/D: 1229.58

NH3 FROM MH #9: 23.61  
NH3 FROM BLEEDER MAX: 39.68  
NH3 FROM LIGHT OIL MAX: 107.01  
NH3 DISCHARGED: 82.43  
NH3 ALLOWED 30 DAY AVERAGE: 79.18  
NH3 ALLOWED MAX 30 DAY AVERAGE: 106.  
NH3 ALLOWED 1 DAY LIMIT: 158.61  
NH3 ALLOWED MAX 1 DAY LIMIT: 213.08  
BLEEDER STACK FLOW: 67.01  
LIGHT OIL FOW: 26.62

SANITARY FLOW GPM: 188.63

NH3 FROM STILL: 12.77  
NH3 FROM MH #9: 23.61  
NH3 FROM B.S. : 28.40  
NH3 FROM L.O. : 30.42

DATE: May 6, 1992

AMMONIA: MG/L

STILL BEFORE: 2690.00  
STILL AFTER : 11.20  
FINAL COOLER: 11760.00  
MH #9: 23.50  
BLEEDER STACK: 19.60  
LIGHT OIL: 86.80  
MH #2: 39.20  
NORTH BAY: 25.20  
STILL FLOW TOTAL: 93.00  
S/C STRIPPED WATER: 11.80  
STILL FLOW NET: 81.20  
SANITARY FLOW GPD: 249780.00  
OVENS CHARGED PER DAY: 99.00  
TOTAL COKE - DT/D: 1229.58

NH3 FROM MH #9: 22.91  
NH3 FROM BLEEDER MAX: 21.71  
NH3 FROM LIGHT OIL MAX: 96.14  
NH3 DISCHARGED: 81.63  
NH3 ALLOWED 30 DAY AVERAGE: 79.18  
NH3 ALLOWED MAX 30 DAY AVERAGE: 106.  
NH3 ALLOWED 1 DAY LIMIT: 158.61  
NH3 ALLOWED MAX 1 DAY LIMIT: 213.08  
BLEEDER STACK FLOW: 46.38  
LIGHT OIL FOW: 45.88

SANITARY FLOW GPM: 173.46

NH3 FROM STILL: 10.92  
NH3 FROM MH #9: 22.91  
NH3 FROM B.S. : 10.91  
NH3 FROM L.O. : 47.81

ACME STEEL  
NH3 EFFLUENT DATA  
APRIL & MAY 1992

DATE: May 7, 1992

AMMONIA: MG/L

STILL BEFORE: 2760.00  
STILL AFTER : 14.00  
FINAL COOLER: 11060.00  
MH #9: 28.00  
BLEEDER STACK: 6.70  
LIGHT OIL: 74.50  
MH #2: 38.10  
NORTH BAY: 23.50  
STILL FLOW TOTAL: 105.00  
S/C STRIPPED WATER: 15.00  
STILL FLOW NET: 90.00  
SANITARY FLOW GPD: 277980.00  
OVENS CHARGED PER DAY: 99.00  
TOTAL COKE - DT/D: 1229.58

NH3 FROM MH #9: 30.25  
NH3 FROM BLEEDER MAX: 8.29  
NH3 FROM LIGHT OIL MAX: 92.16  
NH3 DISCHARGED: 88.30  
NH3 ALLOWED 30 DAY AVERAGE: 79.18  
NH3 ALLOWED MAX 30 DAY AVERAGE: 106.  
NH3 ALLOWED 1 DAY LIMIT: 158.61  
NH3 ALLOWED MAX 1 DAY LIMIT: 213.08  
BLEEDER STACK FLOW: 41.90  
LIGHT OIL FOW: 61.14

SANITARY FLOW GPM: 193.04

NH3 FROM STILL: 15.13  
NH3 FROM MH #9: 30.25  
NH3 FROM B.S. : 3.37  
NH3 FROM L.O. : 54.68

DATE: May 8, 1992

AMMONIA: MG/L

STILL BEFORE: 2730.00  
STILL AFTER : 22.40  
FINAL COOLER: 6720.00  
MH #9: 23.50  
BLEEDER STACK: 50.40  
LIGHT OIL: 58.30  
MH #2: 42.60  
NORTH BAY: 37.00  
STILL FLOW TOTAL: 80.00  
S/C STRIPPED WATER: 13.75  
STILL FLOW NET: 66.25  
SANITARY FLOW GPD: 260890.00  
OVENS CHARGED PER DAY: 99.00  
TOTAL COKE - DT/D: 1229.58

NH3 FROM MH #9: 18.69  
NH3 FROM BLEEDER MAX: 69.53  
NH3 FROM LIGHT OIL MAX: 81.12  
NH3 DISCHARGED: 92.66  
NH3 ALLOWED 30 DAY AVERAGE: 79.18  
NH3 ALLOWED MAX 30 DAY AVERAGE: 106.  
NH3 ALLOWED 1 DAY LIMIT: 158.61  
NH3 ALLOWED MAX 1 DAY LIMIT: 213.08  
BLEEDER STACK FLOW: 70.93  
LIGHT OIL FOW: 43.99

SANITARY FLOW GPM: 181.17

NH3 FROM STILL: 17.82  
NH3 FROM MH #9: 18.69  
NH3 FROM B.S. : 42.92  
NH3 FROM L.O. : 31.05

ACME STEEL  
NH3 EFFLUENT DATA  
APRIL & MAY 1992

DATE: May 9, 1992

AMMONIA: MG/L

STILL BEFORE: 2830.00  
STILL AFTER : 23.50  
FINAL COOLER: 7210.00  
MH #9: 12.90  
BLEEDER STACK: 44.80  
LIGHT OIL: 70.00  
MH #2: 33.60  
NORTH BAY: 22.10  
STILL FLOW TOTAL: 125.00  
S/C STRIPPED WATER: 15.00  
STILL FLOW NET: 110.00  
SANITARY FLOW GPD: 299070.00  
OVENS CHARGED PER DAY: 99.00  
TOTAL COKE - DT/D: 1229.58

NH3 FROM MH #9: 17.04  
NH3 FROM BLEEDER MAX: 52.54  
NH3 FROM LIGHT OIL MAX: 82.10  
NH3 DISCHARGED: 83.78  
NH3 ALLOWED 30 DAY AVERAGE: 79.18  
NH3 ALLOWED MAX 30 DAY AVERAGE: 106.  
NH3 ALLOWED 1 DAY LIMIT: 158.61  
NH3 ALLOWED MAX 1 DAY LIMIT: 213.08  
BLEEDER STACK FLOW: 50.76  
LIGHT OIL FOW: 46.93

SANITARY FLOW GPM: 207.69

NH3 FROM STILL: 31.03  
NH3 FROM MH #9: 17.04  
NH3 FROM B.S. : 27.30  
NH3 FROM L.O. : 39.44

DATE: May 10, 1992

AMMONIA: MG/L

STILL BEFORE: 2800.00  
STILL AFTER : 22.50  
FINAL COOLER: 9240.00  
MH #9: 9.50  
BLEEDER STACK: 3.40  
LIGHT OIL: 69.10  
MH #2: 24.10  
NORTH BAY: 23.50  
STILL FLOW TOTAL: 125.00  
S/C STRIPPED WATER: 15.00  
STILL FLOW NET: 110.00  
SANITARY FLOW GPD: 297000.00  
OVENS CHARGED PER DAY: 99.00  
TOTAL COKE - DT/D: 1229.58

NH3 FROM MH #9: 12.55  
NH3 FROM BLEEDER MAX: 3.93  
NH3 FROM LIGHT OIL MAX: 79.85  
NH3 DISCHARGED: 59.67  
NH3 ALLOWED 30 DAY AVERAGE: 79.18  
NH3 ALLOWED MAX 30 DAY AVERAGE: 106.  
NH3 ALLOWED 1 DAY LIMIT: 158.61  
NH3 ALLOWED MAX 1 DAY LIMIT: 213.08  
BLEEDER STACK FLOW: 41.49  
LIGHT OIL FOW: 54.76

SANITARY FLOW GPM: 206.25

NH3 FROM STILL: 29.71  
NH3 FROM MH #9: 12.55  
NH3 FROM B.S. : 1.69  
NH3 FROM L.O. : 45.43