

Draft

RELIANT ENERGY OSCEOLA
UNIT NO. CT-1

06/16/05

CALIBRATION ERROR

SPAN SETTING	CAL GAS	TANK VALUE	ANALYZER VALUE	DIFF PPM	% SPAN	ANALYZER SERIAL #
25	ppm NOx	0.00	0.00	0.0	0.0	42CHL72772-372
	ppm NOx	11.80	11.80	0.0	0.0	
	ppm NOx	21.30	21.40	0.1	0.4	
25	% O2	0.00	0.00	0.0	0.0	01420B153
	% O2	12.50	12.50	0.0	0.0	
	% O2	22.50	22.60	0.1	0.4	

SYSTEM BIAS AND CALIBRATION DRIFT DATA

Run 1		PRETEST CHECK	% SPAN	POSTTEST CHECK	% SPAN	% DRIFT
GAS UNITS	ANALYZER VALUE					
ppm NOx	0.00	0.00	0.00	0.00	0.00	0.00
ppm NOx	11.80	11.70	-0.40	11.60	-0.80	-0.40
% O2	0.00	0.00	0.00	0.00	0.00	0.00
% O2	12.50	12.50	0.00	12.50	0.00	0.00

UNCORRECTED REFERENCE DATA

DATE & TIME	NOx PPM	% O2
6/16/2005 11:32	8.20	13.76
6/16/2005 11:34	8.13	13.77
6/16/2005 11:36	8.10	13.77
6/16/2005 11:38	8.13	13.77
6/16/2005 11:40	8.09	13.77
6/16/2005 11:42	8.09	13.78
6/16/2005 11:44	8.15	13.78
6/16/2005 11:46	8.14	13.78
6/16/2005 11:48	8.14	13.78
6/16/2005 11:50	8.06	13.78
6/16/2005 11:52	8.05	13.78
6/16/2005 11:54	7.99	13.77

MEAN REFERENCE DATA

NOx ppm	8.10	Run 1
% O2	13.77	
F Factor	8710	

CORRECTED RESULTS

NOx PPM	8.20
% O2	13.77
CORRECTED NOx PPM	6.79
LB/MMBTU NOx	0.025

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25	ppm NOx	0.00	0.00	0.0	0.0	42CHL72772-372
	ppm NOx	11.80	11.80	0.0	0.0	
	ppm NOx	21.30	21.40	0.1	0.4	
25	% O2	0.00	0.00	0.0	0.0	01420B153
	% O2	12.50	12.50	0.0	0.0	
	% O2	22.50	22.60	0.1	0.4	

**Run 2
SYSTEM BIAS AND CALIBRATION DRIFT DATA**

GAS UNITS	ANALYZER VALUE	PRETEST CHECK	% SPAN	POSTTEST CHECK	% SPAN	% DRIFT
ppm NOx	0.00	0.00	0.00	0.00	0.00	0.00
ppm NOx	11.80	11.70	-0.40	11.60	-0.80	-0.40
% O2	0.00	0.00	0.00	0.00	0.00	0.00
% O2	12.50	12.50	0.00	12.50	0.00	0.00

UNCORRECTED REFERENCE DATA

DATE & TIME	NOx PPM	% O2
6/16/2005 11:56	7.99	13.77
6/16/2005 11:58	7.99	13.78
6/16/2005 12:00	8.00	13.78
6/16/2005 12:02	8.00	13.78
6/16/2005 12:04	8.03	13.78
6/16/2005 12:06	7.99	13.78
6/16/2005 12:08	7.96	13.78
6/16/2005 12:10	7.91	13.78
6/16/2005 12:12	7.91	13.78
6/16/2005 12:14	7.90	13.78
6/16/2005 12:16	7.84	13.78
6/16/2005 12:18	7.93	13.79

MEAN REFERENCE DATA

NOx ppm	7.95	Run 2
% O2	13.78	
F Factor	8710	

CORRECTED RESULTS

NOx PPM	8.07
% O2	13.78
CORRECTED NOx PPM	6.68
LB/MMBTU NOx	0.025

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25	ppm NOx	0.00	0.00	0.0	0.0	42CHL72772-372
	ppm NOx	11.80	11.80	0.0	0.0	
	ppm NOx	21.30	21.40	0.1	0.4	
25	% O2	0.00	0.00	0.0	0.0	01420B153
	% O2	12.50	12.50	0.0	0.0	
	% O2	22.50	22.60	0.1	0.4	

SYSTEM BIAS AND CALIBRATION DRIFT DATA

Run 3						
GAS UNITS	ANALYZER VALUE	PRETEST CHECK	% SPAN	POSTTEST CHECK	% SPAN	% DRIFT
ppm NOx	0.00	0.00	0.00	0.00	0.00	0.00
ppm NOx	11.80	11.70	-0.40	11.60	-0.80	-0.40
% O2	0.00	0.00	0.00	0.00	0.00	0.00
% O2	12.50	12.50	0.00	12.50	0.00	0.00

UNCORRECTED REFERENCE DATA

DATE & TIME	NOx PPM	% O2
6/16/2005 12:20	7.95	13.78
6/16/2005 12:22	7.95	13.79
6/16/2005 12:24	7.96	13.79
6/16/2005 12:26	7.96	13.79
6/16/2005 12:28	7.91	13.78
6/16/2005 12:30	7.85	13.78
6/16/2005 12:32	7.86	13.78
6/16/2005 12:34	7.89	13.78
6/16/2005 12:36	7.83	13.78
6/16/2005 12:38	7.90	13.79
6/16/2005 12:40	7.93	13.79
6/16/2005 12:42	7.93	13.78

MEAN REFERENCE DATA

NOx ppm	7.91	
% O2	13.78	Run 3
F Factor	8710	

CORRECTED RESULTS

NOx PPM	8.05
% O2	13.78
CORRECTED NOx PPM	6.67
LB/MMBTU NOx	0.025