

COMBUSTION ANALYSIS REPORT

SAMPLE CLIENT

4Q 2013

DATA COLLECTED: 11/27/2013



STATIONARY IC EMISSION TEST

PREPARED FOR:

SAMPLE CLIENT

DATE:	November 27, 2013	PLATFORM:	CRANE #1
QUARTER:	4th	EQUIPMENT:	NATIONAL
FIELD TECHNICIAN:	JESSE VANHOY #2	MANUFACTURER:	G-359
FUEL TYPE:	DIESEL	MODEL NUMBER:	

	RUN 1	RUN 2	RUN 3	AVERAGE	
RPM	1770	1770	1770	1770	
O2	15	15.1	15.1	15.1	
CO	157	165	156	159	
NX	325	339	343	336	LIMIT
CO corrected to %15 O2	157	168	159	161	4500
NX corrected to %15 O2	325	345	349	340	700

COMMENTS:



FIELD RUN TICKETS

COMPANY:
 RUN TYPE: COMBUSTION ANALYSIS
 UNIT ID: CRANE #1
 DATE: November 27, 2013

RUN 1

The
 Measurable
 Difference

BACHARACH, INC.
 PCA 65
 SN: GN1002

ID1:
 ID2:
 ID3: CRANE 1

TIME 10:17:46 am
 DATE 11/27/2013

FUEL
 OIL NO. 2

STACK-TEMP ---- °F
 AMB. -TEMP 67.0 °F
 O2 15.0 %
 CO2 ---- %
 CO 157 ppm
 CO(15% O2) ---- ppm
 NX 325 ppm
 NX(15% O2) ---- ppm
 EFFICIENCY ---- %
 EX. AIR ----

DRAFT 0.01 WC

RUN 2

The
 Measurable
 Difference

BACHARACH, INC.
 PCA 65
 SN: GN1002

ID1:
 ID2:
 ID3: CRANE 1

TIME 10:22:02 am
 DATE 11/27/2013

FUEL
 OIL NO. 2

STACK-TEMP ---- °F
 AMB. -TEMP 67.0 °F
 O2 15.1 %
 CO2 ---- %
 CO 165 ppm
 CO(15% O2) ---- ppm
 NX 339 ppm
 NX(15% O2) ---- ppm
 EFFICIENCY ---- %
 EX. AIR ----

DRAFT 0.01 WC

RUN 3

The
 Measurable
 Difference

BACHARACH, INC.
 PCA 65
 SN: GN1002

ID1:
 ID2:
 ID3: CRANE 1

TIME 10:32:16 am
 DATE 11/27/2013

FUEL
 OIL NO. 2

STACK-TEMP ---- °F
 AMB. -TEMP 66.0 °F
 O2 15.1 %
 CO2 ---- %
 CO 156 ppm
 CO(15% O2) ---- ppm
 NX 343 ppm
 NX(15% O2) ---- ppm
 EFFICIENCY ---- %
 EX. AIR ----

DRAFT 0.00 WC



STATIONARY IC EMISSION TEST

PREPARED FOR:

SAMPLE CLIENT

DATE:	November 27, 2013	PLATFORM:	CRANE #3
QUARTER:	4th	EQUIPMENT:	NATIONAL
FIELD TECHNICIAN:	JESSE VANHOY	MANUFACTURER:	G-358
FUEL TYPE:	#2 DIESEL	MODEL NUMBER:	

	RUN 1	RUN 2	RUN 3	AVERAGE	
RPM	1755	1755	1755	1755	
O2	15.2	15.2	15.2	15.2	
CO	15	19	18	17	
NX	225	216	219	220	LIMIT
CO corrected to %15 O2	16	20	19	18	49
NX corrected to %15 O2	233	224	227	228	700

COMMENTS: _____



Condition
Monitoring
Services
Inc.

FIELD RUN TICKETS

COMPANY:
RUN TYPE: COMBUSTION ANALYSIS
UNIT ID: CRANE #3
DATE: November 27, 2013

RUN 1

The
Measurable
Difference

BACHARACH, INC.
PCA 65
SN: GN1002

ID1:
ID2:
ID3: CRANE 3

TIME 09:43:41 am
DATE 11/27/2013

FUEL
OIL NO. 2

STACK-TEMP ---- °F
AMB. -TEMP 62.5 °F
O2 15.2 %
CO2 ---- %
CO 15 ppm
CO(15% O2) ---- ppm
NX 225 ppm
NX(15% O2) ---- ppm
EFFICIENCY ---- %
EX. AIR ----

DRAFT 0.00 WC

RUN 2

The
Measurable
Difference

BACHARACH, INC.
PCA 65
SN: GN1002

ID1:
ID2:
ID3: CRANE 3

TIME 09:54:57 am
DATE 11/27/2013

FUEL
OIL NO. 2

STACK-TEMP ---- °F
AMB. -TEMP 67.0 °F
O2 15.2 %
CO2 ---- %
CO 19 ppm
CO(15% O2) ---- ppm
NX 216 ppm
NX(15% O2) ---- ppm
EFFICIENCY ---- %
EX. AIR ----

DRAFT 0.01 WC

RUN 3

The
Measurable
Difference

BACHARACH, INC.
PCA 65
SN: GN1002

ID1:
ID2:
ID3: CRANE 3

TIME 10:00:00 am
DATE 11/27/2013

FUEL
OIL NO. 2

STACK-TEMP ---- °F
AMB. -TEMP 66.5 °F
O2 15.2 %
CO2 ---- %
CO 18 ppm
CO(15% O2) ---- ppm
NX 219 ppm
NX(15% O2) ---- ppm
EFFICIENCY ---- %
EX. AIR ----

DRAFT 0.01 WC