

Performance Testing for Combustion Control Devices

Manufacturers' Performance Test¹

40 CFR Part 60, subparts OOOO, OOOOa, OOOOb and OOOOc, and 40 Part 63, subparts HH and HHH

Manufacturer	Model Number	Date of Performance Test Submittal	Testing Company	Control Device Demonstrates Performance Requirements ²	Minimum Inlet Flow Rate ³	Maximum Inlet Flow Rate ⁴
ABUTEC (transferred to Cimarron) ⁵	ABUTEC 20	02/12/2013	ABUTEC	Yes	200 scfh	1500 scfh
ABUTEC (transferred to Cimarron)	ABUTEC 100	02/12/2013	ABUTEC	Yes	1250 scfh	6000 scfh
AEREON (transferred to Cimarron)	AB-200	06/30/2017	AIR Inc	Yes	1680 scfh	8160 scfh
Alphabet Energy, Inc (AEI)	Alphabet PGC	03/23/2017	AIR Hygiene Inc.	Yes	108 scfh	654 scfh
Big Iron Oilfield Service	BNECU PI36	08/08/2014	AIR Hygiene Inc.	Yes	142 scfh	314 scfh
Big Iron Oilfield Service	BNECU PI48	08/08/2014	AIR Hygiene Inc.	Yes	326 scfh	725 scfh
Big Iron Oilfield Service	60" Low Volume ECU	08/13/2018	AIR Hygiene Inc.	Yes	992 scfh	2200 scfh
Big Iron Oilfield Service	60" High Volume ECU	08/13/2018	AIR Hygiene Inc.	Yes	1128 scfh	3000 scfh
Black Gold Rush	BGR-18	08/12/2014	METCO Environmental	Yes	42 scfh	319 scfh

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Cimarron	ABUTEC 20	02/12/2013	Re-Brand of ABUTEC 20 Unit	Yes	200 scfh	1500 scfh
Cimarron	ABUTEC 100	02/12/2013	Re-Brand of ABUTEC 100 Unit	Yes	1250 scfh	6000 scfh
Cimarron	AB-200	06/30/2017	Re-Brand of AEREON AB-200 Unit	Yes	1680 scfh	8160 scfh
Cimarron	CEI 1-24	08/12/2014	AIR Hygiene Inc.	Yes	83 scfh	383 scfh
Cimarron	CEI 1-30	08/12/2014	AIR Hygiene Inc.	Yes	130 scfh	625 scfh
Cimarron	CEI 1-48	08/12/2014	AIR Hygiene Inc.	Yes	200 scfh	1250 scfh
Cimarron	CEI 1-60	08/12/2014	AIR Hygiene Inc.	Yes	500 scfh	2400 scfh
Cimarron	CH2.5	09/16/2015	Re-Brand of Hy-Bon/EDI CH2.5 Unit	Yes	210 scfh	1500 scfh
Cimarron	CH10.0	06/16/2015	Re-Brand of Hy-Bon/EDI CH10.0 Unit	Yes	2100 scfh	4170 scfh
Cimarron	48" HV ECD	08/12/2014	AIR Hygiene Inc.	Yes	570 scfh	4553 scfh
COMM Engineering	COMM OOOO Combustor 200	03/06/2013	COMM Engineering	Yes	235 scfh	3300 scfh
COMM Engineering	Model 2	12/01/16	METCO Environmental	Yes	14 scfh	833 scfh
COMM Engineering	Model 3	12/01/16	METCO Environmental	Yes	8 scfh	2083 scfh

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COMM Engineering	Model 4	12/01/16	METCO Environmental	Yes	5 scfh	5208 scfh
Coyote North (transferred to Midflow Services)	COMB 48"	11/10/2016	AIR Hygiene Inc.	Yes	726 scfh	6354 scfh
GCO LLC (transferred to Cimarron)	GCO ECD 1600	05/18/17	Re-Brand of Hy-Bon/EDI CH2.5 Unit	Yes	210 scfh	1500 scfh
GCO LLC (transferred to Cimarron)	GCO ECD 2000	05/18/17	Re-Brand of Hy-Bon/EDI CH10.0 Unit	Yes	2100 scfh	4170 scfh
Hero Flare LLC	C3630	11/18/2015	Re-Brand of Leed Fabrication 36" Combustor EC36 Unit	Yes	121 scfh	1004 scfh
Hero Flare LLC	C4830	11/18/2015	Re-Brand of Leed Fabrication 48" Combustor EC48 Unit	Yes	169 scfh	1264 scfh
Hero Flare LLC	C4830-HC	02/15/2017	Re-Brand of Leed Fabrication 48" High Flow Combustor EC48-25 Unit	Yes	713 scfh	4479 scfh
Hero Flare LLC	HCD-36	11/28/2016	Re-Brand of SFI Oil & Gas	Yes	270 scfh	1244 scfh

Manufacturer	Model Number	Date of Performance Test Submittal	Testing Company	Control Device Demonstrates Performance Requirements ²	Minimum Inlet Flow Rate ³	Maximum Inlet Flow Rate ⁴
			Systems SCD-36 Unit			
Hero Flare LLC	HCD-48	11/03/2016	Re-Brand of SFI Oil & Gas Systems SCD-48 Unit	Yes	542 scfh	2930 scfh
Hero Flare LLC	HCD-60	11/28/2016	Re-Brand of SFI Oil & Gas Systems SCD-60 Unit	Yes	935 scfh	3784 scfh
Hero Flare LLC	C1820	6/25/2018	Re-Brand of Tri-Point 18 inch Combustor Unit	Yes	550 scfh	693 scfh
Hero Flare LLC	C2420	6/25/2018	Re-Brand of Tri-Point 24 inch Combustor Unit	Yes	1458 scfh	2000 scfh
Hy-Bon/EDI (transferred to GCO LLC and then Cimarron)	CH2.5	09/16/2015	METCO Environmental	Yes	210 scfh	1500 scfh
Hy-Bon/EDI (transferred to GCO LLC and then Cimarron)	CH10.0	06/16/2015	METCO Environmental	Yes	2100 scfh	4170 scfh
IES, LLC	IES-48-02	06/07/2017	AIR Hygiene Inc.	Yes	647 scfh	3297 scfh
IES, LLC	IES-96-01	07/26/2017	AIR Hygiene Inc.	Yes	2003 scfh	16074 scfh

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JLCC Combustion	FC 20	09/09/2014	Brady Envi Ser Inc.	Yes	764 scfh	1090 scfh
John Zink	ZTOF040X30PF	06/26/2014	AIR Hygiene Inc.	Yes	525 scfh	4120 scfh
Kimark	KSF 1-48	12/18/2013	METCO Environmental	Yes	342 scfh	1250 scfh
Kimark	KSF 2-60 (48")	05/03/2017	METCO Environmental	Yes	1750 scfh	4179 scfh
Leed Fabrication (transferred to Hero Flare)	36" Combustor (EC36)	11/18/2015	AIR Hygiene Inc.	Yes	121 scfh	1004 scfh
Leed Fabrication (transferred to Hero Flare)	48" Combustor (EC48)	11/18/2015	AIR Hygiene Inc.	Yes	169 scfh	1264 scfh
Leed Fabrication (transferred to Hero Flare)	48" "High Flow" Combustor (EC48-2S)	02/15/2017	AIR Hygiene Inc.	Yes	713 scfh	4479 scfh
Midflow Services, LLC (transferred to Mission Flares and Combustion)	COMB 48"	11/10/2016	Re-Brand of Coyote North COMB 48" Unit	Yes	726 scfh	6354 scfh
Mission Flares and Combustion, LLC	COMB 48"	11/10/2016	Re-Brand of Midflow Services COMB 48" Unit	Yes	726 scfh	6354 scfh
NOV	MEVC 20	02/12/2013	Re-Brand of Prior Posted Unit	Yes	200 scfh	1500 scfh

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NOV	MEVC 100	02/12/2013	Re-Brand of Prior Posted Unit	Yes	1250 scfh	6000 scfh
Questor Technology	Q100	04/24/2015	AIR Hygiene Inc.	Yes	167 scfh	875 scfh
Questor Technology	Q250	03/20/2015	AIR Hygiene Inc.	Yes	333 scfh	2292 scfh
REM Technology (Spartan Controls)	SlipStream GTS-12	02/16/2015	AGAT Laboratories	Yes	115 scfh	164 scfh
Schlumberger	SLB-36	05/09/2017	Air Pollution Testing Inc.	Yes	356 scfh	2449 scfh
Schlumberger	SLB-60	05/09/2017	Air Pollution Testing Inc.	Yes	1506 scfh	8196 scfh
SFI Oil & Gas Production Systems, LLC (transferred to Hero Flare)	SCD-36	11/28/2016	ANTEA Group	Yes	270 scfh	1244 scfh
SFI Oil & Gas Production Systems, LLC (transferred to Hero Flare)	SCD-48	11/03/2016	ANTEA Group	Yes	542 scfh	2930 scfh
SFI Oil & Gas Production Systems, LLC	SCD-60	11/28/2016	ANTEA Group	Yes	935 scfh	3784 scfh

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(transferred to Hero Flare)						
SpiralX, LLC	CV-1000	9/27/2024	AIR Hygiene Inc.	Yes	380 scfh	986 scfh
SpiralX, LLC	CV-2000	9/6/2024	AIR Hygiene Inc.	Yes	1000 scfh	2015 scfh
Steffes Metal Products, LLC	SMC-20	6/6/2022	AIR Hygiene Inc.	Yes	295 scfh	1064 scfh
Steffes Metal Products, LLC	SMC-100	6/6/2022	AIR Hygiene Inc.	Yes	409 scfh	3875 scfh
Steffes Metal Products, LLC	SMC-200	6/6/2022	AIR Hygiene Inc.	Yes	1443 scfh	8161 scfh
Thruster Technologies, LLC	V1	12/12/2018	Erthwrks	Yes	2093 scfh	4499 scfh
Total Destruction Products, LLC	FA205	9/27/2019	AIR Hygiene Inc.	Yes	417 scfh	8542 scfh
Tri-Point Oil and Gas Production Systems (transferred to Hero Flare)	18 Inch Combustor	6/25/2018	AIR Hygiene Inc.	Yes	550 scfh	693 scfh
Tri-Point Oil and Gas Production Systems (transferred to Hero Flare)	24 Inch Combustor	6/25/2018	AIR Hygiene Inc.	Yes	1458 scfh	2000 scfh
Zeeco, Inc	EGF-48-30 (aka EGF-4-30)	1/23/2017	AIR Hygiene Inc.	Yes	143 scfh	5414 scfh

¹ The purpose of the table is to provide a list of the combustion control devices that have been manufacturer-tested and for which the test results have been submitted to EPA for review. Inclusion on this list is for informational purposes only. EPA does not endorse any of these manufacturers or their products.

² “Yes” means that the manufacturer has demonstrated that the specific model of control device listed achieves the combustion control device performance requirements in 40 CFR Part 60, subparts OOOO, OOOOa, OOOOb and OOOOc, and 40 Part 63, subparts HH and HHH through performance testing conducted as specified in these subparts. An owner or operator who uses a device listed above as “YES” is exempt from conducting initial performance tests under 40 CFR §60.5413(a)(7), §60.5413a(a)(7), §63.772(e), §63.1282(a), §60.5413b(a) and/or §60.5413c(d) and from submitting initial test results under §60.5413(e)(6), §60.5413a(e)(6), §63.775(d)(1)(ii), §63.1285(d)(1)(ii), §60.5413b(e)(6) and/or §60.5413c(e)(6) as applicable. Owner or operators may still be subject to periodic testing. “Yes” does not constitute an endorsement by EPA. Operation of such a device does not relieve the owner or operator of an affected facility from other compliance obligations under the rule.

³ This column provides the minimum inlet flow rate determined by the manufacturer for the specified model, as required under §60.5412b(a)(1)(vii), and/or §60.5412c(a)(1)(vii) as applicable.

⁴ This column provides the maximum inlet flow rate determined by the manufacturer for the specified model, as required under §60.5413(d)(11)(ii), §60.5413a(d)(11)(ii), §63.772(h)(7)(ii), §63.1282(g)(7)(ii), §60.5412b(a)(1)(vi), and/or §60.5412c(a)(1)(vi) as applicable.

⁵ “Transferred to” means that EPA has received information from the manufacturers that the rights to manufacture the unit have been transferred to a different manufacturer and that the new manufacturer will make no changes to the unit. Inclusion of this note is for informational purposes only. If you have questions about the current manufacturer of a particular product or the date of transfer, please reach out to the manufacturers.

[Updated 4/11/2024]