AB24 HGS Monthly Calibrations

Type of Gas Sensors	
Unit Type:	MSA ULTX

August 17, 2023

Sensor Type and Location	BMS Address	Address Suffix	Zero	Full Scale	Engineering Units	Cal Date	Zero as Found	Span as Found	Zero as Left	Span as Left	Calibration-Gas Cyl-ID #:	Annual Alarm Test Date	Sensor Mfg-Date	Expiration Date	Sensor Part #:	Unit Type	Unit 's ID#:
AB24, R105-OUT	HGS.B24.R105-A.O2	O2	0	25.00%	PCT	Aug/17/2023	0	20.8%	0	20.8%	ALB-0000007727/8040	Dec/17/2021	November, 2021	Oct/22/2023	A-ULTX-SENS-14	MSA ULTX	K21-105329435-BB-108
AB24, R105-IN	HGS.B24.R105-B.O2	O2	0	25.00%	PCT	Aug/17/2023	0	20.8%	0	20.8%	ALB-0000007727/8040	Dec/17/2021	June, 2023	May/21/2025	A-ULTX-SENS-14	MSA ULTX	F23-402823370-10-001

AB26 HGS Monthly Calibrations

Type of Gas Sensors	
Unit Type:	MSA ULTX

August 17, 2023

Sensor Type and Location	BMS Address	Address Suffix	Zero	Full Scale	Engineering Units	Cal Date	Zero as Found	Span as Found	Zero as Left	Span as Left	Calibration-Gas Cyl-ID #:	Annual Alarm Test Date	Sensor Mfg-Date	Expiration Date	Sensor Part #:	Unit Type	Unit 's ID#:
AB26, R104	HGS.B26.R104.O2	O2	0.00%	25.00%	PCT	August 17, 2023	0	20.8%	0.00%	20.80%	ALB-0000007727/8040	Dec/17/2021	August, 2022	Jul/21/2024	A-ULTX-SENS-14	MSA ULTX	H22-105459242-BB-299
AB26, R104	HGS.B26.R104.CO2	CO2	0.00%	5.00%	PCT	August 17, 2023	0	4.00%	0.00%	4.00%	ALB-0000008222/8045	Dec/17/2021	October, 2013	Sep/29/2023	A-ULTX-SENS-37	MSA ULTX	J13-4480986-10-005
AB26, R104	HGS.B26.R104.LEL	LEL	0.00%	100.00%	PCT	August 17, 2023	0	50.0%	0.00%	50.00%	ALB-45144	Dec/17/2021	December, 2021	Nov/30/2024	A-ULTX-SENS-31	MSA ULTX	L21-105347544-BB-004
AB26, R104	HGS.B26.R104.SO2	SO2	0.00%	100 PPM	PPM	August 17, 2023	0	10.0	0.00%	10.00	ALB-45280	Dec/17/2021	December, 2022	Nov/20/2024	A-ULTX-SENS-71	MSA ULTX	L22-402549996-20-001
AB26, R104	HGS.B26.R104.H2S	H2S	0.00%	100 PPM	PPM	August 17, 2023	0	49.0	0.00%	50.00	ALB-45141	Dec/17/2021	May, 2023	Apr/20/2025	A-ULTX-SENS-17	MSA ULTX	E23-105756161-BB-030
AB26, R104	HGS.B26.R104.NH3	NH3	0.00%	100 PPM	PPM	August 17, 2023	0	23.0	0.00%	25.00	ALB-45279	Dec/17/2021	January, 2022	Dec/22/2023	A-ULTX-SENS-48	MSA ULTX	A22-402377098-20-001
AB26, R105	HGS.B26.R105.O2	O2	0.00%	25.00%	PCT	August 17, 2023	0	20.8%	0.00%	0.21	ALB-0000007727/8040	Dec/17/2021	May, 2023	Apr/20/2025	A-ULTX-SENS-14	MSA ULTX	E23-105733502-BB-070
AB26, R105	HGS.B26.R105.CO2	CO2	0.00%	5.00%	PCT	August 17, 2023	0	4.05%	0.00%	4.00%	ALB-0000008222/8045	Dec/17/2021	October, 2013	Sep/29/2023	A-ULTX-SENS-37	MSA ULTX	J13-4480986-10-001
AB26, R105	HGS.B26.R105.LEL	LEL	0.00%	100.00%	PCT	August 17, 2023	0	49.0%	0.00%	50.00%	ALB-45144	Dec/17/2021	December, 2021	Nov/30/2024	A-ULTX-SENS-31	MSA ULTX	L21-105347544-BB-005
AB26, R105	HGS.B26.R105.SO2	SO2	0.00%	100 PPM	PPM	August 17, 2023	0	10.0	0.00%	10.00	ALB-45280	Dec/17/2021	July, 2023	Jun/20/2025	A-ULTX-SENS-71	MSA ULTX	G23-402753848-20-001
AB26, R105	HGS.B26.R105.H2S	H2S	0.00%	100 PPM	PPM	August 17, 2023	0	50.0	0.00%	50.00	ALB-45141	Dec/17/2021	May, 2023	Apr/20/2025	A-ULTX-SENS-17	MSA ULTX	E23-105756158-BB-026
AB26, R105	HGS.B26.R105.NH3	NH3	0.00%	100 PPM	PPM	August 17, 2023	0	26.0	0.00%	25.00	ALB-45279	Dec/17/2021	May, 2021	Apr/21/2023	A-ULTX-SENS-48	MSA ULTX	E21-402166079-30-001
AB26, R201	HGS.B26.R201.O2	O2	0.00%	25.00%	PCT	August 17, 2023	0	20.8%	0.00%	0.21	ALB-0000007727/8040	Dec/17/2021	May, 2023	Apr/20/2025	A-ULTX-SENS-14	MSA ULTX	E23-105733502-BB-073
AB26, R201	HGS.B26.R201.CO	CO	0.00%	500 PPM	PPM	August 17, 2023	0	248.0	0.00%	250.00	ALB-45403	Dec/17/2021	February, 2023	Jan/21/2025	A-ULTX-SENS-12	MSA ULTX	B23-402607596-10-001
AB26, R201	HGS.B26.R201.CO2	CO2	0.00%	5.00%	PCT	August 17, 2023	0	4.00%	0.00%	4.00%	ALB-0000008222/8045	Dec/17/2021	October, 2013	Sep/29/2023	A-ULTX-SENS-37	MSA ULTX	J13-4480986-10-007
AB26, R201	HGS.B26.R201.SO2	SO2	0.00%	100 PPM	PPM	August 17, 2023	0	10.0	0.00%	10.00	ALB-45280	Dec/17/2021	July, 2023	Jun/20/2025	A-ULTX-SENS-71	MSA ULTX	G23-402753848-20-002
AB26, R201	HGS.B26.R201.H2S	H2S	0.00%	100 PPM	PPM	August 17, 2023	0	51.0	0.00%	50.00	ALB-45141	Dec/17/2021	March, 2022	Feb/19/2024	A-ULTX-SENS-17	MSA ULTX	C22-105434253-BB-014
AB26, Gas-Shed	HGS.B26.GS.O2	O2	0.00%	25.00%	PCT	August 17, 2023	0	20.8%	0.00%	0.21	ALB-0000007727/8040	Dec/17/2021	June, 2022	May/21/2024	A-ULTX-SENS-14	MSA ULTX	F22-105459242-BB-028
AB26, Gas-Shed	HGS.B26.GS.CO	CO	0.00%	500 PPM	PPM	August 17, 2023	0	244.0	0.00%	250.00	ALB-0000008222/8045	Dec/17/2021	May, 2021	Apr/21/2023	A-ULTX-SENS-12	MSA ULTX	E21-402179162-20-002
AB26, Gas-Shed	HGS.B26.GS.CO2	CO2	0.00%	5.00%	PCT	August 17, 2023	0	4.00%	0.00%	50.00	ALB-45141	Dec/17/2021	October, 2013	Sep/29/2023	A-ULTX-SENS-37	MSA ULTX	J13-4480986-10-004
AB26, Gas-Shed	HGS.B26.GS.H2S	H2S	0.00%	100 PPM	PPM	August 17, 2023	0	50.0	0.00%	10.00	ALB-45280	Dec/17/2021	March, 2022	Feb/19/2024	A-ULTX-SENS-17	MSA ULTX	C22-105434253-BB-059
AB26, Gas-Shed	HGS.B26.GS.SO2	SO2	0.00%	100 PPM	PPM	August 17, 2023	0	10.0	0.00%	250.00	ALB-45280	Dec/17/2021	June, 2022	May/21/2024	A-ULTX-SENS-71	MSA ULTX	F22-402448280-50-001
AB26, Gas-Shed-N	HGS.B26.GS.LEL	LEL	0.00%	100.00%	PCT	August 17, 2023	0	50.0%	0.00%	50.00%	ALB-45144	Dec/17/2021	December, 2021	Nov/30/2024	A-ULTX-SENS-31	MSA ULTX	L21-105347544-BB-007
AB26, Gas-Shed-N	HGS.B26.GS.NH3	NH3	0.00%	100 PPM	PPM	August 17, 2023	0	22.0	0.00%	25.00	ALB-45279	Dec/17/2021	May, 2023	Apr/20/2025	A-ULTX-SENS-48	MSA ULTX	E23-402706054-30-001
AB26, Gas-Shed-N	HGS.B26.GS.SO2-N	SO2	0.00%	100 PPM	PPM	August 17, 2023	0	10.0	0.00%	10.00	ALB-45280	Dec/17/2021	June, 2022	May/21/2024	A-ULTX-SENS-71	MSA ULTX	F22-402448280-50-001

AB28 HGS Monthly Calibrations

Type of Gas Sensors	
Unit Type:	MSA ULTX

August 17, 2023

Sensor Type and Location	BMS Address	Address Suffix	Zero	Full Scale	Engineering Units	Cal Date	Zero as Found	Span as Found	Zero as Left	Span as Left	Calibration-Gas Cyl-ID #:	Annual Alarm Test Date	Sensor Mfg-Date	Expiration Date	Sensor Part #:	Unit Type	Unit 's ID#:
AB28, R113	HGS.B28.R113.O2	O2	0	0.25	PCT	Aug/17/2023	0	20.8%	0	20.8	ALB-0000007727/8040	Dec/19/2020	May, 2023	May/21/2021	A-ULTX-SENS-14	MSA ULTX	E23-105733502-BB-023
AB28, R114	HGS.B28.R114.O2	O2	0	0.25	PCT	Aug/17/2023	0	20.8%	0	20.8	ALB-0000007727/8040	Dec/19/2020	September, 2021	May/21/2021	A-ULTX-SENS-14	MSA ULTX	I21-105314599-BB-027
AB28, R114	HGS.B28.R114.CO	CO	0	500 PPM	PPM	Aug/17/2023	0	250.0	0	250.0	ALB-45403	Dec/19/2020	June, 2022	Jun/20/2020	A-ULTX-SENS-12	MSA ULTX	F22-402478611-20-001
AB28, R114	HGS.B28.R114.SO2	SO2	0	100 PPM	PPM	Aug/17/2023	0	10.0	0	10.0	ALB-45280	Dec/19/2020	July, 2023	Apr/20/2021	A-ULTX-SENS-71	MSA ULTX	G23-402753848-20-003
AB28, R114	HGS.B28.R114.H2S	H2S	0	100 PPM	PPM	Aug/17/2023	0	48.0	0	50.0	ALB-45141	Dec/19/2020	April, 2021	May/21/2021	A-ULTX-SENS-17	MSA ULTX	D21-105124283-BB-007
AB28, R114	HGS.B28.R114.CO2	CO2	0	0.05	PCT	Aug/17/2023	0	4.00%	0	0.0	ALB-45144	Dec/19/2020	June, 2016	Jun/29/2026	A-ULTX-SENS-37	MSA ULTX	G16-400600701-30-005
AB28, R119	HGS.B28.R119.O2	O2	0	0.25	PCT	Aug/17/2023	0	20.7%	0	20.8	ALB-0000007727/8040	Dec/19/2020	June, 2022	Jun/20/2020	A-ULTX-SENS-14	MSA ULTX	F22--105459240-BB-028
AB28, R119	HGS.B28.R119.CO2	CO2	0	0.05	PCT	Aug/17/2023	0	4.0%	0	4.0%	ALB-0000008222/8045	Dec/19/2020	June, 2015	May/29/2025	A-ULTX-SENS-37	MSA ULTX	F15-400269306-10-001
AB28, R121	HGS.B28.R121.O2	O2	0	0.25	PCT	Aug/17/2023	0	20.8%	0	20.8%	ALB-0000007727/8040	Dec/19/2020	June, 2022	Aug/21/2021	A-ULTX-SENS-14	MSA ULTX	F22-105453763-BB-110
AB28, R121	HGS.B28.R121.CO2	CO2	0	0.05	PCT	Aug/17/2023	0	4.00%	0	4.0%	ALB-0000008222/8045	Dec/19/2020	October, 2013	Sep/29/2023	A-ULTX-SENS-37	MSA ULTX	J13-4480986-10-008
AB28, R121	HGS.B28.R121.LEL	LEL	0	100%	PCT	Aug/17/2023	0	50.0%	0	0.5	ALB-45144	Dec/19/2020	December, 2021	Nov/30/2021	A-ULTX-SENS-31	MSA ULTX	L21-105347544-BB-013
AB28, E. Gas-Shed	HGS.B28.EGS.O2	O2	0	0.25	PCT	Aug/17/2023	0	20.8%	0	20.8	ALB-0000007727/8040	Dec/19/2020	August, 2021	Sep/20/2021	A-ULTX-SENS-14	MSA ULTX	H21-105216472-BB-047
AB28, E. Gas-Shed	HGS.B28.EGS.CO2	CO2	0	0.05	PCT	Aug/17/2023	0	4.00%	0	0.0	ALB-0000008222/8045	Dec/19/2020	October, 2013	Sep/29/2023	A-ULTX-SENS-37	MSA ULTX	J13-4480986-10-002
AB28, E. Gas-Shed	HGS.B28.EGS.LEL	LEL	0	100%	PCT	Aug/17/2023	0	50.0%	0	0.5	ALB-45144	Dec/19/2020	April, 2021	Nov/30/2021	A-ULTX-SENS-31	MSA ULTX	D21-105106069-BB-035
AB28, E. Gas-Shed	HGS.B28.EGS.SO2	SO2	0	100 PPM	PPM	Aug/17/2023	0	10.0	0	10.0	ALB-45280	Dec/19/2020	July, 2023	Jun/20/2021	A-ULTX-SENS-71	MSA ULTX	G23-402753848-20-004
AB28, E. Gas-Shed	HGS.B28.EGS.CO	CO	0	500 PPM	PPM	Aug/17/2023	0	251.0	0	250.0	ALB-45403	Dec/19/2020	December, 2021	Nov/20/2021	A-ULTX-SENS-12	MSA ULTX	L21-402349487-10-001
AB28, R107-R109	HGS.B28.R107.CO2	CO2	0	0.05	PCT	Aug/17/2023	0	4.0%	0	4.0%	ALB-0000008222/8045	Dec/19/2020	October, 2013	Sep/29/2023	A-ULTX-SENS-37	MSA ULTX	J13-4480986-10-003
													June, 2023				
SECERF, R117N	HGS.B28.R117N.O2	O2	0	0.25	PCT	Aug/17/2023	0	20.8%	0	20.8%	ALB-0000007727/8040	Dec/19/2020	April, 2021	May/21/2021	A-ULTX-SENS-14	MSA ULTX	D21-1051060229-BB-072
SECERF, R117N	HGS.B28.R117N.CO2	CO2	0	0.05	PCT	Aug/17/2023	0	4.00%	0	4.0%	ALB-0000008222/8045	Dec/19/2020	October, 2013	Sep/29/2023	A-ULTX-SENS-37	MSA ULTX	J13-4481710-10-003
SECERF, R117N	HGS.B28.R117N.CO	CO	0	500	PPM	Aug/17/2023	0	250.0	0	250.0	ALB-45403	Dec/19/2020	June, 2022	Apr/20/2020	A-ULTX-SENS-12	MSA ULTX	F22-402478611-20-002
SECERF, R117N	HGS.B28.R117N.SO2	SO2	0	100 PPM	PPM	Aug/17/2023	0	10.0	0	10.0	ALB-45280	Dec/19/2020	July, 2023	Jun/20/2021	A-ULTX-SENS-71	MSA ULTX	G23-402753848-20-005
SECERF, R117N	HGS.B28.R117N.LEL	LEL	0	100%	PCT	Aug/17/2023	0	51.0%	0	50.0%	ALB-45144	Dec/19/2020	March, 2022	Apr/30/2022	A-ULTX-SENS-31	MSA ULTX	C22-105434054-BB-045
SECERF, R117N	HGS.B28.R117N.H2S	H2S	0	100 PPM	PPM	Aug/17/2023	0	50.0	0	50.0	ALB-45141	Dec/19/2020	April, 2021	May/21/2021	A-ULTX-SENS-17	MSA ULTX	D21-105124283-BB-020
SECERF, R117N	HGS.B28.R117N.HCL	HCL	0	50	PPM	Aug/17/2023	0	9.5	0	10.0	ALB-0000008247/8199	Dec/19/2020	March, 2020	Mar/21/2020	A-ULTX-SENS-23	MSA ULTX	C20-401813535-10-001
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SECERF, R117S	HGS.B28.R117S.O2	O2	0	0.25	PCT	Aug/17/2023	0	20.8%	0	0.2	ALB-0000007727/8040	Dec/19/2020	October, 2021	May/21/2021	A-ULTX-SENS-14	MSA ULTX	J21-105329437-BB-099
SECERF, R117S	HGS.B28.R117S.CO2	CO2	0	0.05	PCT	Aug/17/2023	0	4.00%	0	0.0	ALB-0000008222/8045	Dec/19/2020	October, 2013	Sep/29/2023	A-ULTX-SENS-37	MSA ULTX	J13-4481710-10-014
SECERF, R117S	HGS.B28.R117S.CO	CO	0	500 PPM	PPM	Aug/17/2023	0	257.0	0	250.0	ALB-45403	Dec/19/2020	June, 2022	May/21/2020	A-ULTX-SENS-12	MSA ULTX	F22-402478611-20-003
SECERF, R117S	HGS.B28.R117S.SO2	SO2	0	100 PPM	PPM	Aug/17/2023	0	10.0	0	10.0	ALB-45280	Dec/19/2020	February, 2023	Jun/20/2021	A-ULTX-SENS-71	MSA ULTX	B23-402728945-10-001
SECERF, R117S	HGS.B28.R117S.LEL	LEL	0	100%	PCT	Aug/17/2023	0	49.0%	0	0.5	ALB-45144	Dec/19/2020	December, 2021	Nov/30/2021	A-ULTX-SENS-31	MSA ULTX	L21-105347544-BB-017
SECERF, R117S	HGS.B28.R117S.H2S	H2S	0	100	PPM	Aug/17/2023	0	50.0	0	50.0	ALB-45141	Dec/19/2020	April, 2021	May/21/2021	A-ULTX-SENS-17	MSA ULTX	D21-105124283-BB-003
SECERF, R117S	HGS.B28.R117S.HCL	HCL	0	50	PPM	Aug/17/2023	0	8.0	0	10.0	ALB-0000008247/8199	Dec/19/2020	March, 2020	Mar/21/2020	A-ULTX-SENS-23	MSA ULTX	C20-401813535-10-002
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SECERF, W.Gas-Shed	HGS.B28.DPE.O2	O2	0	0.25	PCT	Aug/17/2023	0	20.8%	0	0.2	ALB-0000007727/8040	Dec/19/2020	May, 2023	Sep/20/2021	A-ULTX-SENS-14	MSA ULTX	E23-105733502-BB-143
SECERF, W.Gas-Shed	HGS.B28.DPE.CO2	CO2	0	0.05	PCT	Aug/17/2023	0	4.00%	0	0.0	ALB-0000008222/8045	Dec/19/2020	October, 2013	Sep/29/2023	A-ULTX-SENS-37	MSA ULTX	J13-4481710-10-002x
SECERF, W.Gas-Shed	HGS.B28.DPE.SO2	SO2	0	100 PPM	PPM	Aug/17/2023	0	10.0	0	10.0	ALB-45280	Dec/19/2020	May, 2021	Jun/20/2021	A-ULTX-SENS-71	MSA ULTX	E21-402166079-40-001
SECERF, W.Gas-Shed	HGS.B28.DPE.H2S	H2S	0	100 PPM	PPM	Aug/17/2023	0	50.0	0	50.0	ALB-45141	Dec/19/2020	February, 2022	May/21/2021	A-ULTX-SENS-17	MSA ULTX	B22-402419955-10-001
SECERF, W.Gas-Shed	HGS.B28.DPE.CO	CO	0	500 PPM	PPM	Aug/17/2023	0	249.0	0	250.0	ALB-45403	Dec/19/2020	June, 2022	Apr/20/2020	A-ULTX-SENS-12	MSA ULTX	F22-402448280-20--001
SECERF, W.Gas-Shed	HGS.B28.DPE.LEL	LEL	0	100%	PCT	Aug/17/2023	0	51.0%	0	0.5	ALB-45144	Dec/19/2020	March, 2021	Apr/30/2021	A-ULTX-SENS-31	MSA ULTX	C21-105106069-BB-035
SECERF, W.Gas-Shed	HGS.B28.DPE.HCL	HCL	0	50	PPM	Aug/17/2023	0	9.5	0	10.0	ALB-0000008247/8199	Dec/19/2020	May, 2019	Apr/20/2021	A-ULTX-SENS-23	MSA ULTX	E19-401546662-50-001
SECERF, W.Gas-Shed	HGS.B28.DPE.H2/LEL	H2/LEL	0	100%	PCT	Aug/17/2023	0	50.0%	0	0.5	ALB-45144	Dec/19/2020	December, 2021	Jul/21/2021	A-ULTX-SENS-49	MSA ULTX	L21-105347544-BB-020

AB31 HGS Monthly Calibrations

Type of Gas Sensors	
Unit Type:	MSA ULTX

August 17, 2023

Sensor Type and Location	BMS Address	Address Suffix	Zero	Full Scale	Engineering Units	Cal Date	Zero as Found	Span as Found	Zero as Left	Span as Left	Calibration-Gas Cyl-ID #:	Annual Alarm Test Date	Sensor Mfg-Date	Expiration Date	Sensor Part #:	Unit Type	Unit 's ID#:
AB31, R101	HGS.AB31.DPE.O2	O2	0	25.00%	PCT	Aug/17/2023	0	20.8%	0	20.8%	ALB-0000007727/8040	Dec/17/2021	August, 2022	Jul/21/2024	A-ULTX-SENS-14	MSA ULTX	H22-105483521-BB-186
AB31, R101	HGS.AB31.DPE.Gas1	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0
AB31, R101	HGS.AB31.DPE.Gas2	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0
AB31, R103A	HGS.AB31.DPE.O2	O2	0	25.00%	PCT	Aug/17/2023	0	20.8%	0	0.0%	ALB-0000007727/8040	Dec/17/2021	April, 2022	Mar/21/2024	A-ULTX-SENS-14	MSA ULTX	D22-105474160-BB-023
AB31, R103A	HGS.AB31.DPE.Gas1	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0
AB31, R103A	HGS.AB31.DPE.Gas2	Future	0	0	0	0	0	0.0		0	0	0	0	0	0	0	0
AB31, R103B	HGS.AB31.DPE.O2	O2	0	25.00%	PCT	Aug/17/2023	0	20.8%	0	20.8%	ALB-0000007727/8040	Dec/17/2021	March, 2021	Feb/19/2023	A-ULTX-SENS-14	MSA ULTX	C21-105090699-BB-108
AB31, R103B	HGS.AB31.DPE.Gas1	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0
AB31, R103B	HGS.AB31.DPE.Gas2	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0
AB31, R104A	HGS.AB31.DPE.O2	O2	0	25.00%	PCT	Aug/17/2023	0	20.8%	0	20.8%	ALB-0000007727/8040	Dec/17/2021	August, 2022	Jul/21/2024	A-ULTX-SENS-14	MSA ULTX	H22-105459242BB-257
AB31, R104A	HGS.AB31.DPE.Gas1	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0
AB31, R104A	HGS.AB31.DPE.Gas2	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0
AB31, R104B	HGS.AB31.DPE.O2	O2	0	25.00%	PCT	Aug/17/2023	0	20.8%	0	20.8%	ALB-0000007727/8040	Dec/17/2021	May, 2023	Apr/20/2025	A-ULTX-SENS-14	MSA ULTX	E23-105733502-BB-145
AB31, R104B	HGS.AB31.DPE.Gas1	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0
AB31, R104B	HGS.AB31.DPE.Gas2	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0
AB31, R105	HGS.AB31.DPE.O2	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0
AB31, R105	HGS.AB31.DPE.Gas1	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0
AB31, R105	HGS.AB31.DPE.Gas2	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0
AB31, R111	HGS.AB31.DPE.O2	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0
AB31, R111	HGS.AB31.DPE.Gas1	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0
AB31, R113	B31.113C.LEL	LEL	0	0	PCT	0	0	0.5	0	0	0	0	0	0	0	0	F23-105826320-BB-007
AB31, R112	HGS.AB31.DPE.O2	O2	0	25.00%	PCT	Aug/17/2023	0	20.8%	0	50.0	ALB-0000007727/8040	Dec/17/2021	May, 2023	Apr/20/2025	A-ULTX-SENS-14	MSA ULTX	E23-105733502-BB-088
AB31, R112	HGS.AB31.DPE.Gas1	CO2	0	5.00%	PCT	Aug/17/2023	0	4.00%	0	10.0	ALB-0000008222/8045	Dec/17/2021	July, 2016	Jun/29/2026	A-ULTX-SENS-37	MSA ULTX	G16-400600701-30-003
AB31, R112	HGS.AB31.DPE.Gas2	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0
AB31, R113	HGS.AB31.DPE.O2	O2	0	25.00%	PCT	Aug/17/2023	0	20.8%	0	0.2	ALB-0000007727/8040	Dec/17/2021	February, 2023	Jan/21/2025	A-ULTX-SENS-14	MSA ULTX	B23-402602607-596
AB31, R113	HGS.AB31.DPE.Gas1	CO2	0	5.00%	PCT	Aug/17/2023	0	4.00%	0	4.00%	ALB-0000008222/8045	Dec/17/2021	July, 2016	Jun/29/2026	A-ULTX-SENS-37	MSA ULTX	G16-400600701-30-004
AB31, R113	HGS.AB31.DPE.Gas2	CO	0	500 PPM	PPM	Aug/17/2023	0	250.0	0	250.0	ALB-45279	Dec/17/2021	March, 2021	Feb/19/2023	A-ULTX-SENS-12	MSA ULTX	C21-402133909-10-001
AB31, R114	HGS.AB31.DPE.O2	O2	0	25.00%	PCT	Aug/17/2023	0	20.8%	0	10.0	ALB-0000007727/8040	Dec/17/2021	August, 2022	Jul/21/2024	A-ULTX-SENS-14	MSA ULTX	H22-105459242-BB-258
AB31, R114	HGS.AB31.DPE.Gas1	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0
AB31, R114	HGS.AB31.DPE.Gas2	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0
AB31, R115	HGS.AB31.DPE.O2	O2	0	25.00%	PCT	Aug/17/2023	0	20.8%	0	0.2	ALB-0000007727/8040	Dec/17/2021	January, 2023	Dec/21/2024	A-ULTX-SENS-14	MSA ULTX	A23-105653915-BB-198
AB31, R115	HGS.AB31.DPE.Gas1	CO2	0	5.00%	PCT	Aug/17/2023	0	4.00%	0	4.0%	ALB-0000008222/8045	Dec/17/2021	July, 2016	Jun/29/2026	A-ULTX-SENS-37	MSA ULTX	G16-400600701-30-002
AB31, R115	HGS.AB31.DPE.Gas2	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0
AB31, East-Shed-Door-Top	HGS.AB31.DPE.O2	O2	0	25.00%	PCT	Aug/17/2023	0	20.8%	0	0.2	ALB-0000007727/8040	Dec/17/2021	June, 2022	May/21/2024	A-ULTX-SENS-14	MSA ULTX	F22-105453760-BB-192
AB31, East-Shed-Door-Low	HGS.AB31.DPE.Gas1	CO2	0	0.05	PCT	Aug/17/2023	0	4.00%	0	4.00%	ALB-45279	Dec/17/2021	July, 2016	Jun/29/2026	A-ULTX-SENS-37	MSA ULTX	G16-400600701-30-001
AB31, East-Shed-Side-Top	HGS.AB31.DPE.Gas2	CO	0	500 PPM	PPM	Aug/17/2023	0	250.0	0	250.0	ALB-45279	Dec/17/2021	June, 2022	May/21/2024	A-ULTX-SENS-12	MSA ULTX	F22-402448280-20--002
AB31, East-Shed-Side-Low	HGS.AB31.DPE.Gas3	Future	0	0	0			0.0									0
AB31, West-Shed-Door-Top	HGS.AB31.DPE.O2	O2	0	25.00%	PCT	Aug/17/2023	0	20.8%	0	0.2	ALB-0000007727/8040	Dec/17/2021	August, 2022	Jul/21/2024	A-ULTX-SENS-14	MSA ULTX	H22-105483521-BB-044
AB31, West-Shed-Door-Low	HGS.AB31.DPE.Gas1	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0
AB31, West-Shed-Side-Top	HGS.AB31.DPE.Gas2	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0
AB31, West-Shed-Side-Low	HGS.AB31.DPE.Gas3	Future	0	0	0	0	0	0.0	0	0	0	0	0	0	0	0	0

AB37-Gas-Storage HGS Monthly Calibrations

Type of Gas Sensors	
Unit Type:	MSA ULTX

August 17, 2023

Sensor Type and Location	BMS Address	Address Suffix	Zero	Full Scale	Engineering Units	Cal Date	Zero as Found	Span as Found	Zero as Left	Span as Left	Calibration-Gas Cyl-ID #:	Annual Alarm Test Date	Sensor Mfg-Date	Expiration Date	Sensor Part #:	Unit Type	Unit 's ID#:
GAS-STOR-Pen1-A	HGS.AB37.PEN1-T.CO	CO	0	250	PPM	Aug/17/2023	0	250.0	0	250.00	ALB-45403	Dec/17/2021	June, 2022	Oct/22/2015	A-ULTX-SENS-11	MSA ULTX	F22-402448280-20--003
GAS-STOR-Pen1-A	HGS.AB37.PEN1-T.H2S	H2S	0	50	PCT	Aug/17/2023	0	50.0	0	50.00	ALB-000000/	Dec/17/2021	March, 2021	Sep/29/2023	A-ULTX-SENS-37	MSA ULTX	C21-105116598-BB-003
GAS-STOR-Pen1-B	HGS.AB37.PEN1-B-CH4/LEL	LEL	0	0.5	PPM	Aug/17/2023	0	0.5	0	50.00%	ALB-0000008247/8199	Dec/17/2021	April, 2022	Mar/21/2016	A-ULTX-SENS-27	MSA ULTX	D22-105434057-BB-032
GAS-STOR-Pen4-C	HGS.AB37.PEN4-T-SO2	SO2	0	25	PPM	Aug/17/2023	0	10.0	0	10.00	ALB-45141	Dec/17/2021	December, 2022	May/21/2016	A-ULTX-SENS-23	MSA ULTX	L22-402531092-20-001
GAS-STOR-Pen4-B	HGS.AB37.PEN4-B-CO2	CO2	0	0.04	PCT	Aug/17/2023	0	0.0	0	4.00%	ALB-0000007727/8040	Dec/17/2021	July, 2016	Sep/29/2023	A-ULTX-SENS-37	MSA ULTX	G16-400600701-30-006