

## Compressed Air Survey leak & Energy Saving Case Study

Date :8/2/2022

-Summary of All Leak founded in Compressed Air System as below table:



November 2021															
Record Number	Air Leaks Repaired		Cost Avoidance			NO Identified	SO <sub>2</sub> Identified	Identified LPM Total	Safety Issue	Repaired (Y/N)	Repaired By	Repair Date	Identified Leaks Cost Avoidance	Size of Leak (LPM)	Energy Avoidance (kWh)
	LPM	Cost	Identified	Repaired	% Complete										
	2881.5	\$ 25,355.95	\$ 25,355.95	\$ 25,355.95	100%										
	Group Name	Location Name	Type of Gas	Pressure at Leak	dB Reading	Hours Per Day	Days Per Year	Repair Difficulty							
1464	Ph 4 Compressed Air System	40-QFA11AN001	Air	7	72	24	365	4	N	Y	MECH	13/11	\$ 1,449.04	158.2	9660
1465	Ph 4 Compressed Air System	40-QFA61BB001	Air	7	20	24	365	4	Y	Y	I&C	18/11	\$ 241.01	26.3	1607
1541	Ph 4 Compressed Air System	43-LCE10AA201	Air	7	26	24	365	3	N	Y	I&C	22/11	\$ 348.02	38.0	2320
1542	Ph 4 Compressed Air System	43-GHC16AA201	Air	7	32	24	365	3	Y	Y	I&C	22/11	\$ 465.46	50.8	3103
1543	Ph 4 Compressed Air System	43-MAA40AA201	Air	7	32	24	365	3	N	Y	I&C	13/11	\$ 465.46	50.8	3103
1544	Ph 4 Compressed Air System	43-LBD91AA201	Air	7	50	24	365	4	N	Y	I&C	13/11	\$ 869.58	94.9	5797
1545	Ph 4 Compressed Air System	40-QFB10BS001	Air	7	29	24	365	2	N	Y	I&C	13/11	\$ 405.52	44.3	2703
1546	Ph 4 Compressed Air System	43-LBC10AA201	Air	7	23	24	365	3	N	Y	I&C	13/11	\$ 293.11	32.0	1954
1547	Ph 4 Compressed Air System	40-QFB10BS004	Air	7	20	24	365	2	N	Y	I&C	13/11	\$ 241.01	26.3	1607
1548	Ph 4 Compressed Air System	43-LCE25AA201	Air	7	46	24	365	2	N	Y	I&C	13/11	\$ 773.74	84.5	5158
1549	Ph 4 Compressed Air System	40-QFB10BS003	Air	7	34	24	365	2	N	Y	MECH	13/11	\$ 506.70	55.3	3378
1550	Ph 4 Compressed Air System	43-40BAA10GH001	Air	7	33	24	365	2	N	Y	MECH	13/11	\$ 485.96	53.1	3240
1551	Ph 4 Compressed Air System	43-40QFB16BB001	Air	7	35	24	365	5	N	Y	I&C	13/11	\$ 527.70	57.6	3518
1552	Ph 4 Compressed Air System	43-40QFB16BB001	Air	7	42	24	365	5	N	Y	Elec	28/11	\$ 681.19	74.4	4541
1553	Ph 4 Compressed Air System	43-LCE20AA205	Air	7	31	24	365	3	N	Y	I&C	13/11	\$ 445.22	48.6	2968
1554	Ph 4 Compressed Air System	43-GHC15AA201	Air	7	28	24	365	1	N	Y	I&C	13/11	\$ 386.07	42.1	2574
1555	Ph 4 Compressed Air System	40-QFA20BZ501	Air	7	22	24	365	1	N	Y	I&C	17/11	\$ 275.42	30.1	1836
1556	Ph 4 Compressed Air System	40-QFA20BZ501	Air	7	24	24	365	1	N	Y	I&C	17/11	\$ 311.11	34.0	2074
1557	Ph 4 Compressed Air System	40-QFA31AA203	Air	7	56	24	365	1	N	Y	I&C	17/11	\$ 1,019.14	111.3	6794
1558	Ph 4 Compressed Air System	43-LCE20AA201	Air	7	12	24	365	1	N	Y	I&C	16/11	\$ 117.86	12.9	786
1559	Ph 4 Compressed Air System	Plusation air	Air	7	36	24	365	1	N	Y	I&C	16/11	\$ 548.93	59.9	3660
1560	Ph 4 Compressed Air System	Plusation air	Air	7	26	24	365	1	N	Y	I&C	16/11	\$ 348.02	38.0	2320
1561	Ph 4 Compressed Air System	41-HR-MAN92AA202	Air	7	25	24	365	1	N	Y	I&C	16/11	\$ 329.42	36.0	2196
1562	Ph 4 Compressed Air System	41-HR-LCE20AA201	Air	7	32	24	365	3	N	Y	I&C	13/11	\$ 465.46	50.8	3103
1563	Ph 4 Compressed Air System	41-40LAB23AA101	Air	7	35	24	365	5	N	Y	I&C	15/11	\$ 527.70	57.6	3518
1564	Ph 4 Compressed Air System	41-HR-LAB46AA221	Air	7	28	24	365	2	N	Y	I&C	24/11	\$ 386.07	42.1	2574
1565	Ph 4 Compressed Air System	41-40LAB22AA101	Air	7	36	24	365	3	N	Y	I&C	17/11	\$ 548.93	59.9	3660
1566	Ph 4 Compressed Air System	41-40LAB21AA101	Air	7	38	24	365	2	N	Y	I&C	23/11	\$ 592.11	64.6	3947
1567	Ph 4 Compressed Air System	41-HR-LAF11AA211	Air	7	47	24	365	3	N	Y	I&C	23/11	\$ 797.40	87.1	5316
1568	Ph 4 Compressed Air System	41-HR-HAH12AA221	Air	7	50	24	365	3	N	Y	I&C	22/11	\$ 869.58	94.9	5797
1569	Ph 4 Compressed Air System	41-HR-LAF21AA222	Air	7	36	24	365	3	N	Y	I&C	17/11	\$ 548.93	59.9	3660
1570	Ph 4 Compressed Air System	41-HR-HAN51AA221	Air	7	47	24	365	1	N	Y	I&C	16/11	\$ 797.40	87.1	5316
1571	Ph 4 Compressed Air System	41-HR-HAH11AA211	Air	7	36	24	365	3	N	Y	I&C	19/11	\$ 548.93	59.9	3660
1573	Ph 4 Compressed Air System	41-HR-LAE11AA211	Air	7	46	24	365	2	N	Y	I&C	16/11	\$ 773.74	84.5	5158
1574	Ph 4 Compressed Air System	41-HR-LAE21AA211	Air	7	22	24	365	2	N	Y	I&C	17/11	\$ 275.42	30.1	1836
1575	Ph 4 Compressed Air System	41-HR-HAC21AA231	Air	7	25	24	365	2	N	Y	I&C	17/11	\$ 329.42	36.0	2196
1576	Ph 4 Compressed Air System	41-HR-LBA11AA251	Air	7	38	24	365	3	N	Y	I&C	24/11	\$ 592.11	64.6	3947
1577	Ph 4 Compressed Air System	41-HR-HAN52AA261	Air	7	24	24	365	2	N	Y	I&C	18/11	\$ 311.11	34.0	2074
1584	Ph 4 Compressed Air System	43-MAW31AA201	Air	7	97	24	365	5	N	Y	I&C	14/11	\$ 1,466.41	240.1	14664
1585	Ph 4 Compressed Air System	43-LCA30AA002	Air	7	31	24	365	3	N	Y	I&C	14/11	\$ 296.81	48.6	2968
1588	Ph 4 Compressed Air System	41-HR-HAJ31AA221	Air	7	37	24	365	1	N	Y	I&C	22/11	\$ 380.27	62.3	3803
1589	Ph 4 Compressed Air System	41-HR-HAH22AA211	Air	7	36	24	365	1	N	Y	I&C	22/11	\$ 365.95	59.9	3660
1590	Ph 4 Compressed Air System	41-HR-LAE21AA212	Air	7	19	24	365	1	N	Y	I&C	16/11	\$ 149.54	24.5	1495
1591	Ph 4 Compressed Air System	41-HR-LAE21AA222	Air	7	17	24	365	2	N	Y	I&C	16/11	\$ 127.97	21.0	1280
1592	Ph 4 Compressed Air System	41-HR-HAC42AA231	Air	7	27	24	365	3	N	Y	I&C	18/11	\$ 244.60	40.1	2446
1593	Ph 4 Compressed Air System	41-HR-LAE11AA222	Air	7	31	24	365	2	N	Y	I&C	18/11	\$ 296.81	48.6	2968
1594	Ph 4 Compressed Air System	41-HR-LAE11AA212	Air	7	20	24	365	3	N	Y	I&C	24/11	\$ 160.67	26.3	1607
1595	Ph 4 Compressed Air System	41-HR-LAE11AA221	Air	7	19	24	365	3	N	Y	I&C	25/11	\$ 149.54	24.5	1495
1696	GT 7 Pulsation Air System	41-MBL54AT030	Air	7	20	24	365	3	N	Y	I&C	2-Dec	\$ 160.67	26.3	1607
1697	GT 7 Pulsation Air System	41-MBL54AT030	Air	7	13	24	365	3	N	Y	MECH	30/11	\$ 87.89	14.4	879
1698	GT 7 Pulsation Air System	41-MBL54AT030	Air	7	28	24	365	3	N	Y	MECH	30/11	\$ 257.38	42.1	2574
1699	Ph 4 Compressed Air System	43-40QFB16BB001	Air	7	67	24	365	3	Y	Y	I&C	2-Dec	\$ 873.40	143.0	8734
1700	Ph 4 Compressed Air System	43-40QFB16BB001	Air	7	41	24	365	5	N	Y	I&C	2-Dec	\$ 439.06	71.9	4391