

SoCalGas, June 13th, 2025

Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.

In Response to Data Request, R15-01-008 - 2025 June Report
Appendix 3; Rev. 03/27/2025

Notes:

Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.

At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.

Transmission Compressor Station Blowdowns:

ID	Geographic Location	Number of Blowdown Events	Annual Emissions (Mscf)	Explanatory Notes / Comments
Blowdown for equipment replacement				
BD-2024-1211	92225	1	213.75	
BD-2024-1225	92363	1	65.42	Maintenance blowdown
BD-2024-1226	92363	1	79.97	Maintenance blowdown
BD-2024-1227	92363	1	19.24	Maintenance blowdown
BD-2024-1228	92363	1	18.65	Maintenance blowdown
BD-2024-1229	92363	1	37.57	Maintenance blowdown
BD-2024-1230	92363	1	81.86	Maintenance blowdown
Blowdown for equipment replacement				
BD-2024-1273	92225	1	184.77	
Blowdown for equipment replacement				
BD-2024-1295	92309	1	253.73	
BD-2024-1345	93313	1	28.03	Maintenance blowdown
BD-2024-1346	93313	1	28.16	Maintenance blowdown
BD-2024-1347	93313	1	27.98	Maintenance blowdown
BD-2024-1348	93313	1	30.18	Maintenance blowdown
BD-2024-1349	93313	1	29.63	Maintenance blowdown
BD-2024-1350	93313	1	33.26	Maintenance blowdown
BD-2024-1351	93313	1	32.92	Maintenance blowdown
BD-2024-1352	93313	1	29.56	Maintenance blowdown
BD-2024-1353	93313	1	34.99	Maintenance blowdown
BD-2024-1354	93313	1	33.19	Maintenance blowdown
BD-2024-1355	93313	1	30.51	Maintenance blowdown
BD-2024-1356	93313	1	32.10	Maintenance blowdown
BD-2024-1357	93313	1	70.80	Maintenance blowdown
BD-2024-1358	93313	1	34.50	Maintenance blowdown
BD-2024-1359	93313	1	33.22	Maintenance blowdown
BD-2024-1360	93313	1	30.23	Maintenance blowdown
BD-2024-1361	93313	1	31.57	Maintenance blowdown
BD-2024-1362	93313	1	33.19	Maintenance blowdown
BD-2024-1363	93313	1	33.92	Maintenance blowdown
BD-2024-1364	93313	1	26.53	Maintenance blowdown
BD-2024-1365	93313	1	26.56	Maintenance blowdown
BD-2024-1366	92365	1	29.87	Maintenance blowdown
BD-2024-1367	92365	1	24.24	Maintenance blowdown
BD-2024-1368	92365	1	29.03	Maintenance blowdown
BD-2024-1369	92365	1	16.72	Maintenance blowdown
BD-2024-1370	92365	1	38.86	Maintenance blowdown
BD-2024-1371	92365	1	23.30	Maintenance blowdown
BD-2024-1372	92363	1	74.91	Maintenance blowdown
BD-2024-1373	92363	1	73.36	Maintenance blowdown
BD-2024-1374	92363	1	8.04	Maintenance blowdown
BD-2024-1385	92225	1	18.72	Maintenance blowdown
BD-2024-1386	92225	1	20.15	Maintenance blowdown
BD-2024-1387	92225	1	20.18	Maintenance blowdown
BD-2024-1388	92225	1	75.00	Maintenance blowdown
BD-2024-1389	92225	1	39.00	Maintenance blowdown
BD-2024-1390	92225	1	6.00	Maintenance blowdown
BD-2024-1391	92225	1	38.00	Maintenance blowdown
BD-2024-1392	92225	1	48.00	Maintenance blowdown
BD-2024-1393	92225	1	4.00	Maintenance blowdown
BD-2024-1394	92225	1	19.81	Maintenance blowdown
BD-2024-1395	92225	1	56.28	Maintenance blowdown
BD-2024-1396	92225	1	4.00	Maintenance blowdown
BD-2024-1404	92365	1	21.11	Maintenance blowdown
BD-2024-1405	92225	1	77.79	Maintenance blowdown
BD-2024-1406	92225	1	4.00	Maintenance blowdown
BD-2024-1407	92225	1	4.00	Maintenance blowdown
BD-2024-1408	92225	1	67.01	Maintenance blowdown
BD-2024-1409	92225	1	23.48	Maintenance blowdown
BD-2024-1412	93313	1	31.86	Maintenance blowdown
BD-2024-1413	93313	1	121.63	Maintenance blowdown
BD-2024-1414	93313	1	33.26	Maintenance blowdown
BD-2024-1415	93313	1	33.82	Maintenance blowdown
BD-2024-1416	93313	1	35.09	Maintenance blowdown
BD-2024-1417	93313	1	31.38	Maintenance blowdown
BD-2024-1418	93313	1	32.87	Maintenance blowdown
BD-2024-1419	93313	1	31.22	Maintenance blowdown
BD-2024-1420	93313	1	30.86	Maintenance blowdown
BD-2024-1421	92363	1	150.70	Maintenance blowdown
BD-2024-1422	92225	1	2055.00	ESD Test
BD-2024-1427	92365	1	30.95	Maintenance blowdown
BD-2024-1428	92365	1	23.89	Maintenance blowdown
BD-2024-1429	92365	1	27.74	Maintenance blowdown
BD-2024-1430	92365	1	16.49	Maintenance blowdown
BD-2024-1431	92225	1	38.46	Maintenance blowdown
BD-2024-1432	92225	1	77.65	Maintenance blowdown
BD-2024-1433	92225	1	38.81	Maintenance blowdown
BD-2024-1434	92225	1	38.82	Maintenance blowdown
BD-2024-1435	92225	1	4.00	Maintenance blowdown
BD-2024-1436	92225	1	4.00	Maintenance blowdown
BD-2024-1437	92225	1	4.00	Maintenance blowdown
BD-2024-1438	92363	1	69.19	Maintenance blowdown
BD-2024-1439	92363	1	57.30	Maintenance blowdown

BD-2024-1440	92363	1	19.23 Maintenance blowdown
BD-2024-1445	93313	1	28.66 Maintenance blowdown
BD-2024-1446	93313	1	33.14 Maintenance blowdown
BD-2024-1447	93313	1	33.45 Maintenance blowdown
BD-2024-1449	93313	1	65.77 Maintenance blowdown
BD-2024-1450	93313	1	32.41 Maintenance blowdown
BD-2024-1451	93313	1	32.99 Maintenance blowdown
BD-2024-1452	93313	1	30.94 Maintenance blowdown
BD-2024-1453	92365	1	20.70 Maintenance blowdown
BD-2024-1454	93313	1	33.18 Maintenance blowdown
BD-2024-1455	93313	1	32.80 Maintenance blowdown
BD-2024-1456	93313	1	33.68 Maintenance blowdown
BD-2024-1457	93313	1	33.16 Maintenance blowdown
BD-2024-1458	93313	1	29.54 Maintenance blowdown
BD-2024-1459	93313	1	33.24 Maintenance blowdown
BD-2024-1460	93313	1	86.14 Maintenance blowdown
BD-2024-1461	93313	1	71.88 Maintenance blowdown
BD-2024-1462	93313	1	30.75 Maintenance blowdown
BD-2024-1463	93313	1	29.75 Maintenance blowdown
BD-2024-1464	93313	1	34.19 Maintenance blowdown
BD-2024-1468	92225	1	4.00 Maintenance blowdown
BD-2024-1469	92225	1	36.06 Maintenance blowdown
BD-2024-1470	92225	1	4.00 Maintenance blowdown
BD-2024-1471	92225	1	3.00 Maintenance blowdown
BD-2024-1472	92225	1	3.00 Maintenance blowdown
BD-2024-1484	92365	1	0.21 Pigging operations
BD-2024-1492	92225	1	16.75 Maintenance blowdown
BD-2024-1493	92225	1	38.43 Maintenance blowdown
BD-2024-1494	92225	1	31.53 Maintenance blowdown
BD-2024-1495	92225	1	115.91 Maintenance blowdown
BD-2024-1496	92225	1	77.71 Maintenance blowdown
BD-2024-1497	93313	1	36.97 Maintenance blowdown
BD-2024-1498	93313	1	33.58 Maintenance blowdown
BD-2024-1499	93313	1	35.42 Maintenance blowdown
BD-2024-1500	93313	1	33.58 Maintenance blowdown
BD-2024-1501	93313	1	31.42 Maintenance blowdown
BD-2024-1502	93313	1	32.49 Maintenance blowdown
BD-2024-1503	93313	1	36.65 Maintenance blowdown
BD-2024-1504	93313	1	477.00 Station ESD
BD-2024-1505	93313	1	488.00 Station ESD
BD-2024-1509	92365	1	28.55 Maintenance blowdown
BD-2024-1510	92365	1	21.70 Maintenance blowdown
BD-2024-1511	92365	1	31.70 Maintenance blowdown
BD-2024-1512	92363	1	37.81 Maintenance blowdown
BD-2024-1513	92363	1	19.36 Maintenance blowdown
BD-2024-1514	92363	1	69.06 Maintenance blowdown
BD-2024-1533	92225	1	43.78 Maintenance blowdown
BD-2024-1534	92225	1	19.47 Maintenance blowdown
BD-2024-1535	92225	1	38.47 Maintenance blowdown
BD-2024-1536	92225	1	56.92 Maintenance blowdown
BD-2024-1537	93313	1	35.22 Maintenance blowdown
BD-2024-1538	93313	1	30.91 Maintenance blowdown
BD-2024-1539	93313	1	32.59 Maintenance blowdown
BD-2024-1540	93313	1	30.08 Maintenance blowdown
BD-2024-1541	93313	1	60.86 Maintenance blowdown
BD-2024-1542	93313	1	66.03 Maintenance blowdown
BD-2024-1543	93313	1	33.19 Maintenance blowdown
BD-2024-1544	93313	1	27.93 Maintenance blowdown
BD-2024-1545	93313	1	28.57 Maintenance blowdown
BD-2024-1546	92363	1	63.16 Maintenance blowdown
BD-2024-1547	92363	1	74.77 Maintenance blowdown
BD-2024-1548	92363	1	153.29 Maintenance blowdown
BD-2024-1549	92363	1	151.42 Maintenance blowdown
BD-2024-1550	92363	1	76.39 Maintenance blowdown
BD-2024-1565	93313	1	453.49 Station ESD
BD-2024-1566	93313	1	31.32 Maintenance blowdown
BD-2024-1567	93313	1	63.98 Maintenance blowdown
BD-2024-1568	93313	1	63.36 Maintenance blowdown
BD-2024-1609	92225	1	19.00 Maintenance blowdown
BD-2024-1610	92225	1	19.98 Maintenance blowdown
BD-2024-1611	92225	1	38.34 Maintenance blowdown
BD-2024-1612	92225	1	210.21 Maintenance blowdown
BD-2024-1613	92225	1	39.15 Maintenance blowdown
BD-2024-1614	92225	1	4.00 Maintenance blowdown
BD-2024-1615	92225	1	39.61 Maintenance blowdown
BD-2024-1616	92225	1	78.67 Maintenance blowdown
BD-2024-1617	92225	1	38.87 Maintenance blowdown
BD-2024-1618	92225	1	78.52 Maintenance blowdown
BD-2024-1619	92225	1	78.16 Maintenance blowdown
BD-2024-1620	92225	1	39.32 Maintenance blowdown
BD-2024-1626	92363	1	557.00 Station blowdown
BD-2024-1627	92363	1	19.58 Maintenance blowdown
BD-2024-1628	92363	1	19.33 Maintenance blowdown
BD-2024-1629	92363	1	19.01 Maintenance blowdown
BD-2024-1630	92363	1	73.87 Maintenance blowdown
BD-2024-1631	92363	1	74.16 Maintenance blowdown
BD-2024-1632	93313	1	31.41 Maintenance blowdown
BD-2024-1633	93313	1	28.99 Maintenance blowdown
BD-2024-1634	93313	1	27.78 Maintenance blowdown
BD-2024-1635	92225	1	38.93 Maintenance blowdown
BD-2024-1636	92225	1	79.34 Maintenance blowdown
BD-2024-1637	92225	1	39.46 Maintenance blowdown
BD-2024-1638	92225	1	39.41 Maintenance blowdown
BD-2024-1662	92363	1	18.82 Maintenance blowdown
BD-2024-1663	92363	1	19.12 Maintenance blowdown
BD-2024-1664	93313	1	467.00 Station ESD
BD-2025-1665	93313	1	33.58 Maintenance blowdown
BD-2025-1666	93313	1	34.23 Maintenance blowdown
BD-2025-1667	93313	1	62.36 Maintenance blowdown

BD-2025-1668	93313	1	69.21	Maintenance blowdown
BD-2025-1669	93313	1	33.68	Maintenance blowdown
BD-2025-1670	93313	1	175.03	Maintenance blowdown
BD-2025-1671	93313	1	33.17	Maintenance blowdown
BD-2025-1672	93313	1	31.98	Maintenance blowdown
BD-2025-1673	93313	1	30.32	Maintenance blowdown
BD-2025-1674	93313	1	31.32	Maintenance blowdown
BD-2025-1675	93313	1	32.52	Maintenance blowdown
BD-2025-1676	93313	1	61.38	Maintenance blowdown
BD-2025-1677	93313	1	65.65	Maintenance blowdown
BD-2025-1678	93313	1	30.95	Maintenance blowdown
BD-2025-1679	93313	1	31.74	Maintenance blowdown
BD-2025-1680	93313	1	30.72	Maintenance blowdown
BD-2025-1681	93313	1	32.18	Maintenance blowdown
BD-2025-1682	93313	1	74.00	Maintenance blowdown
BD-2025-1683	93313	1	32.53	Maintenance blowdown
BD-2025-1684	93313	1	32.60	Maintenance blowdown
BD-2025-1693	92225	1	39.00	Maintenance blowdown
BD-2025-1694	92225	1	59.00	Maintenance blowdown
BD-2025-1695	92225	1	57.00	Maintenance blowdown
BD-2025-1696	92225	1	77.58	Maintenance blowdown
BD-2025-1697	92363	1	70.62	Maintenance blowdown
BD-2025-1698	92363	1	157.75	Maintenance blowdown
BD-2025-1699	92363	1	81.71	Maintenance blowdown
BD-2025-1700	92225	1	19.00	Maintenance blowdown
BD-2025-1701	92225	1	70.84	Maintenance blowdown
BD-2025-1702	92225	1	20.00	Maintenance blowdown
BD-2025-1703	92225	1	58.48	Maintenance blowdown
BD-2025-1704	92225	1	4.00	Maintenance blowdown
BD-2025-1705	92225	1	33.97	Maintenance blowdown
BD-2025-1706	92225	1	25.00	Maintenance blowdown
BD-2025-1707	92225	1	33.00	Maintenance blowdown
BD-2025-1708	92225	1	32.46	Maintenance blowdown
BD-2025-1709	92225	1	39.39	Maintenance blowdown
BD-2025-1710	92225	1	25.63	Maintenance blowdown
BD-2025-1713	92365	1	34.25	Maintenance blowdown
BD-2025-1715	92363	1	57.09	Maintenance blowdown
BD-2025-1716	92363	1	39.48	Maintenance blowdown
BD-2025-1717	92363	1	37.54	Maintenance blowdown
BD-2025-1898	93001	1	4.32	Leak Repair
BD-2025-1899	93001	1	0.14	Leak Repair
NA	Various	264	0.53	Pneumatic Device Annual Inspections (actuators & controllers) - Estimated avg. gas vented = 2 scf/insp
NA	Various	3	0.06	Analyzer - Estimated avg. gas vented = 20 scf/insp
NA	Various	70	2.10	Filter Change-outs or Filter Inspections w/parts replacement - Estimated avg. gas vented = 30 scf/ea
NA	Various	263	5.26	Relief Valve Inspections - Estimated avg. gas vented = 20 scf/insp (annual test with Nitrogen, gas vented is volume of gas in valve)
NA	Various	34	0.85	Meters - Estimated avg. gas vented = 25 scf/ea
NA	Various	2	1.67	Drips - Estimated avg. gas vented = 10,000 cfh for 5min/device

Sum Total	13,938
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Appendix 3; Rev. 03/27/2025

Notes:

Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.

At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.

The emissions captured on this tab represent the emissions associated with the operational design and function of the component. Any intentional release of natural gas for safety or maintenance purposes should be included on the Blowdowns worksheet.

Transmission Compressor Station Component Vented Emissions:

Quantity	Geographic Location	Device Type	Bleed Rate	Manufacturer	Engineering or Manufacturer's based Estimate of Emissions	Annual Emissions (Mscf)	Explanatory Notes / Comments
25		P	I		0.0576	527	Controllers
239		P	I		0.0576	5,039	Actuators
Sum Total						5,566	

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Notes:

The number of days leaking may be more than 365 days due to including the estimation function of the leak occurring at half the number of days between the prior survey date and the discovery date.

Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.

At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.

The emissions captured on this tab represent the emissions associated unintentional leaks that if repaired would not leaking. If the component is releasing gas or "bleeding" as a result of its design or function then it is not to be captured in this tab. Please include emissions from leaks found with concentrations below 10,000ppm, and add them in the total emissions column. Please use the associated emission factors provided in Appendix 9, Emission Factors.

Transmission Compressor Station: Compressor and Component Fugitive Leaks:

12/31/24

01/01/24

ID	Geographic Location	Facility/Device Type	Emission Factor: Mscf/day/dev	Manufacturer	Discovery Date (MM/DD/YY)	Repair Date (MM/DD/YY)	Prior Survey Date (MM/DD/YY)	Number of Days Leaking	Annual Emissions (Mscf)	Explanatory Notes / Comments
8483552	93001	V	0.1541		12/13/2023	5/2/2024	8/28/2023	177	27	
8547766	93001	V	0.1541		2/20/2024	2/21/2024	1/22/2024	17	3	
8738578	93001	P	0.0984		9/4/2024		8/26/2024	124	12	
8738581	93001	P	0.0984		9/4/2024		4/12/2024	192	19	
8853701	93201	OT	0.0984		11/18/2024	11/18/2024	8/26/2024	43	4	
8853703	93201	C	0.137		11/18/2024	11/18/2024	8/26/2024	43	6	
8799871	93201	V	0.1541		2/20/2024	2/21/2024	11/20/2023	48	7	
8950621	93201	C	0.137		2/20/2024	2/21/2024	11/20/2023	48	7	
8920933	93201	C	0.137		2/20/2024	2/21/2024	11/20/2023	48	7	
8921758	93201	C	0.137		5/28/2024	5/28/2024	2/20/2024	50	7	
8799926	93201	OT	0.0984		8/26/2024	8/27/2024	5/28/2024	47	5	
8946379	93201	C	0.137		8/26/2024	9/30/2024	5/28/2024	81	11	
8799875	93201	OT	0.0984		8/26/2024	11/18/2024	5/28/2024	130	13	
8853704	93201	V	0.1541		11/18/2024	11/19/2024	8/26/2024	44	7	
8945993	93201	V	0.1541		2/21/2024	5/28/2024	11/20/2023	145	22	
8853676	93201	V	0.1541		11/19/2024	11/21/2024	8/26/2024	46	7	
8853678	93201	V	0.1541		11/19/2024	11/21/2024	8/26/2024	46	7	
8921846	93201	V	0.1541		8/27/2024	8/27/2024	5/28/2024	47	7	
8853702	93201	V	0.1541		11/19/2024	11/21/2024	8/26/2024	46	7	
8799912	93201	V	0.1541		8/27/2024		5/28/2024	173	27	
8799893	93201	C	0.137		2/21/2024	2/21/2024	11/20/2023	48	7	
8799882	93201	V	0.1541		2/21/2024	2/21/2024	11/20/2023	48	7	
8853677	93201	PR	0.0482		11/19/2024	11/21/2024	8/26/2024	46	2	
8853670	93201	V	0.1541		11/19/2024	11/21/2024	8/26/2024	46	7	
8920961	93201	V	0.1541		2/21/2024	2/21/2024	11/20/2023	48	7	
8799899	93201	V	0.1541		2/21/2024	2/21/2024	11/20/2023	48	7	
8853695	93201	C	0.137		11/18/2024	11/18/2024	8/26/2024	43	6	
8853686	93201	OT	0.0984		11/18/2024		8/26/2024	86	8	
8921863	93201	OT	0.0984		8/29/2024	9/30/2024	5/28/2024	80	8	
8946010	92225	C	0.137		1/29/2024	1/31/2024	11/1/2023	48	7	
8946038	92225	V	0.1541		1/29/2024	1/31/2024	11/1/2023	48	7	
8920904	92225	C	0.137		1/29/2024	1/29/2024	11/1/2023	46	6	
8946080	92225	C	0.137		1/29/2024	1/29/2024	11/1/2023	46	6	
8950589	92225	V	0.1541		1/29/2024	1/31/2024	11/1/2023	48	7	
8946037	92225	V	0.1541		1/30/2024	1/31/2024	11/1/2023	47	7	
8946005	92225	V	0.1541		1/30/2024	5/14/2024	11/1/2023	151	23	
8945988	92225	V	0.1541		1/30/2024	5/14/2024	11/1/2023	151	23	
8921005	92225	V	0.1541		1/30/2024	1/31/2024	11/1/2023	47	7	
8920944	92225	V	0.1541		1/30/2024	1/31/2024	11/1/2023	47	7	
8920951	92225	V	0.1541		1/30/2024	1/31/2024	11/1/2023	47	7	
8920954	92225	V	0.1541		1/30/2024	1/30/2024	11/1/2023	46	7	
8920947	92225	C	0.137		1/30/2024	1/30/2024	11/1/2023	46	6	
8920973	92225	C	0.137		1/30/2024	1/30/2024	11/1/2023	46	6	
8946122	92225	C	0.137		1/30/2024	1/30/2024	11/1/2023	46	6	
8921007	92225	V	0.1541		1/30/2024	1/31/2024	11/1/2023	47	7	
8920989	92225	C	0.137		1/30/2024	1/31/2024	11/1/2023	47	6	
8945989	92225	OT	0.0984		1/31/2024	1/31/2024	11/1/2023	47	5	
8946060	92225	OT	0.0984		1/31/2024	1/31/2024	11/1/2023	47	5	
8945571	92225	V	0.1541		1/31/2024	1/31/2024	11/1/2023	47	7	
8920950	92225	OT	0.0984		1/31/2024	1/31/2024	11/1/2023	47	5	
8920986	92225	V	0.1541		2/5/2024	2/7/2024	11/1/2023	51	8	
8920937	92225	V	0.1541		2/5/2024	2/5/2024	11/1/2023	49	8	
8921092	92225	V	0.1541		2/5/2024	2/6/2024	11/1/2023	50	8	
8921088	92225	V	0.1541		2/5/2024	2/6/2024	11/1/2023	50	8	
8921070	92225	V	0.1541		2/5/2024	2/7/2024	11/1/2023	51	8	
8921098	92225	V	0.1541		2/5/2024	2/6/2024	11/1/2023	50	8	
8921102	92225	PR	0.0482		2/5/2024	2/7/2024	11/1/2023	51	2	
8921094	92225	V	0.1541		2/5/2024	2/7/2024	11/1/2023	51	8	
8921101	92225	C	0.137		2/5/2024	2/3/2025	11/1/2023	379	52	
8920966	92225	C	0.137		2/5/2024	2/3/2025	11/1/2023	379	52	
8946000	92225	V	0.1541		2/5/2024	2/7/2024	11/1/2023	51	8	
8946048	92225	V	0.1541		2/5/2024	2/6/2024	11/1/2023	50	8	
8920992	92225	V	0.1541		2/5/2024	2/5/2024	11/1/2023	49	8	
8921049	92225	OT	0.0984		2/5/2024	2/5/2024	11/1/2023	49	5	
8921078	92225	C	0.137		2/6/2024	2/7/2024	11/1/2023	51	7	
8921142	92225	OT	0.0984		2/6/2024	2/14/2024	11/1/2023	58	6 Compressor component	
8945999	92225	V	0.1541		2/6/2024	2/8/2024	11/1/2023	52	8	
8921041	92225	C	0.137		2/6/2024	2/3/2025	11/1/2023	379	52	
8921107	92225	OT	0.0984		2/7/2024	5/14/2024	11/1/2023	147	14	
8921167	92225	V	0.1541		2/7/2024	2/15/2024	11/1/2023	58	9	
8921047	92225	V	0.1541		2/7/2024	2/7/2024	11/1/2023	50	8	
8945995	92225	V	0.1541		2/7/2024	2/7/2024	11/1/2023	50	8	
8946117	92225	C	0.137		2/7/2024	2/13/2024	11/1/2023	56	8	
8921137	92225	C	0.137		2/12/2024	2/12/2024	11/1/2023	53	7	
8921185	92225	V	0.1541		2/13/2024	2/14/2024	11/1/2023	54	8	
8800202	92225	OT	0.0984		2/26/2024	2/27/2024	11/1/2023	61	6	
8921686	92225	V	0.1541		4/29/2024	4/30/2024	1/29/2024	48	7	
8946027	92225	V	0.1541		4/29/2024	4/29/2024	1/29/2024	47	7	
8921753	92225	V	0.1541		4/29/2024	4/29/2024	1/29/2024	47	7	
8921795	92225	V	0.1541		4/29/2024	4/29/2024	1/29/2024	47	7	
8853723	92225	C	0.137		4/29/2024	4/30/2024	1/29/2024	48	7	
8946016	92225	C	0.137		4/29/2024	4/30/2024	1/29/2024	48	7	
8921773	92225	C	0.137		4/30/2024	4/30/2024	1/29/2024	47	6	
8921761	92225	C	0.137		4/30/2024	4/30/2024	1/29/2024	47	6	
8800126	92225	C	0.137		4/30/2024	5/13/2024	1/29/2024	60	8	
8799960	92225	C	0.137		4/30/2024	5/14/2024	1/29/2024	61	8	
8946049	92225	V	0.1541		5/1/2024	5/14/2024	1/29/2024	61	9	
8800072	92225	V	0.1541		5/1/2024	5/1/2024	1/29/2024	48	7	

8921701	92225 V	0.1541	5/6/2024	5/7/2024	1/29/2024	51	8
8800058	92225 V	0.1541	5/6/2024	5/7/2024	1/29/2024	51	8
8946065	92225 V	0.1541	5/6/2024	5/7/2024	1/29/2024	51	8
8800030	92225 OT	0.0984	5/6/2024	5/7/2024	1/29/2024	51	5 Compressor component
8921748	92225 C	0.0984	5/6/2024	5/7/2024	1/29/2024	51	5
8946481	92225 OT	0.0984	5/6/2024	5/7/2024	1/29/2024	51	5
8921848	92225 C	0.137	5/7/2024	5/14/2024	1/29/2024	58	8
8799938	92225 C	0.137	5/7/2024	5/14/2024	1/29/2024	58	8
8799943	92225 OT	0.0984	5/7/2024	5/7/2024	1/29/2024	51	5
8800009	92225 C	0.137	5/7/2024	5/13/2024	1/29/2024	57	8
8921734	92225 C	0.137	5/7/2024	5/13/2024	1/29/2024	57	8
8800178	92225 OT	0.0984	7/29/2024	7/29/2024	4/29/2024	47	5
8800206	92225 C	0.137	7/29/2024	7/29/2024	4/29/2024	47	6
8800158	92225 C	0.137	7/29/2024	7/29/2024	4/29/2024	47	6
8853722	92225 C	0.137	7/29/2024	7/29/2024	4/29/2024	47	6
8800250	92225 V	0.1541	7/29/2024	7/29/2024	4/29/2024	47	7
8800200	92225 V	0.1541	7/30/2024	7/31/2024	4/29/2024	48	7
8800128	92225 V	0.1541	7/30/2024	7/30/2024	4/29/2024	47	7
8922012	92225 OT	0.0984	7/31/2024	7/31/2024	4/29/2024	48	5
8922006	92225 OT	0.0984	8/5/2024	8/12/2024	4/29/2024	57	6
8921964	92225 OT	0.0984	8/5/2024	8/12/2024	4/29/2024	57	6
8946074	92225 OT	0.0984	8/5/2024	8/5/2024	4/29/2024	50	5
8921948	92225 V	0.1541	8/5/2024	8/5/2024	4/29/2024	50	8
8921991	92225 V	0.1541	8/6/2024	8/7/2024	4/29/2024	52	8
8800084	92225 V	0.1541	8/6/2024	8/6/2024	4/29/2024	51	8
8922003	92225 V	0.1541	8/13/2024	8/13/2024	4/29/2024	54	8
8922247	92225 C	0.137	10/28/2024	10/29/2024	7/29/2024	48	7
8946042	92225 OT	0.0984	10/28/2024	10/29/2024	7/29/2024	48	5
8922236	92225 V	0.1541	10/29/2024	10/30/2024	7/29/2024	48	7
8922279	92225 V	0.1541	11/4/2024	11/6/2024	7/29/2024	52	8
8922252	92225 OT	0.0984	11/5/2024	11/6/2024	7/29/2024	52	5
8946472	92225 C	0.1342	11/5/2024	11/8/2024	7/29/2024	54	7 Compressor component
8922303	92225 C	0.1342	11/5/2024	11/8/2024	7/29/2024	54	7 Compressor component
8922340	92225 V	0.1541	11/6/2024	11/6/2024	7/29/2024	51	8
8922211	92225 V	0.1541	11/6/2024	11/12/2024	7/29/2024	57	9
8922235	92225 OT	0.0984	11/6/2024	11/6/2024	7/29/2024	51	5
8922213	92225 V	0.1541	11/6/2024	11/6/2024	7/29/2024	51	8
8921181	92309 C	0.137	1/17/2024	1/18/2024	1/17/2023	185	25
8921242	92309 C	0.137	1/17/2024	1/18/2024	1/17/2023	185	25
8946643	92309 C	0.137	1/17/2024	1/18/2024	1/17/2023	185	25
8921177	92309 C	0.137	1/17/2024	1/18/2024	1/17/2023	185	25
8946044	92309 V	0.1541	4/15/2024	4/15/2024	1/17/2024	46	7
8819444	92309 C	0.137	7/15/2024	7/15/2024	4/15/2024	47	6
8819446	92309 C	0.137	7/15/2024	7/15/2024	4/15/2024	47	6
8946024	92309 OT	0.0984	10/14/2024	10/15/2024	7/15/2024	48	5
8922271	92309 V	0.1541	10/14/2024		7/15/2024	125	19
8922363	92309 C	0.137	10/14/2024	10/14/2024	7/15/2024	47	6
8921451	92363 V	0.3562	1/22/2024	1/22/2024	11/14/2023	36	13 Compressor component
8921521	92363 C	0.1342	1/22/2024	1/22/2024	11/14/2023	36	5 Compressor component
8946154	92363 C	0.137	1/22/2024	1/22/2024	11/14/2023	36	5
8921504	92363 C	0.137	1/22/2024	1/22/2024	11/14/2023	36	5
8946152	92363 C	0.137	1/22/2024	1/22/2024	11/14/2023	36	5
8946141	92363 C	0.137	1/22/2024	1/22/2024	11/14/2023	36	5
8946088	92363 V	0.1541	1/23/2024	1/23/2024	11/14/2023	36	6
8946237	92363 OT	0.0984	1/23/2024	1/23/2024	11/14/2023	36	4 Compressor component
8946294	92363 C	0.137	1/23/2024	1/23/2024	11/14/2023	36	5
8921606	92363 OT	0.0984	1/23/2024	1/24/2024	11/14/2023	37	4
8945572	92363 V	0.1541	1/23/2024	1/23/2024	11/14/2023	36	6
8946172	92363 C	0.137	1/24/2024	1/24/2024	11/14/2023	37	5
8946526	92363 V	0.1541	1/24/2024	1/24/2024	11/14/2023	37	6
8946747	92363 C	0.137	1/24/2024	1/24/2024	11/14/2023	37	5
8819654	92363 OT	0.0984	2/12/2024		11/14/2023	369	36 Compressor component
8819650	92363 OT	0.0984	2/12/2024		11/14/2023	369	36 Compressor component
8819626	92363 C	0.1342	2/12/2024		11/14/2023	369	50 Compressor component
8819628	92363 OT	0.0984	2/12/2024		11/14/2023	369	36 Compressor component
8819714	92363 C	0.137	4/22/2024	4/22/2024	2/26/2024	29	4
8921876	92363 OT	0.0984	4/22/2024	4/22/2024	2/26/2024	29	3
8946135	92363 C	0.137	4/23/2024	4/23/2024	2/26/2024	30	4
8819694	92363 C	0.137	4/23/2024	4/23/2024	2/26/2024	30	4
8921932	92363 V	0.1541	4/24/2024	4/24/2024	2/26/2024	30	5
8819715	92363 OT	0.0984	7/23/2024	7/23/2024	4/22/2024	47	5 Compressor component
8922070	92363 V	0.1541	7/23/2024		4/22/2024	208	32
8922077	92363 C	0.137	7/23/2024		4/22/2024	208	28
8922091	92363 C	0.137	7/23/2024		4/22/2024	208	28
8922200	92363 V	0.1541	7/23/2024		4/22/2024	208	32
8922149	92363 PR	0.0482	7/23/2024		4/22/2024	208	10
8922451	92363 C	0.137	10/21/2024	1/21/2025	7/22/2024	118	16
8922455	92363 OT	0.0984	10/22/2024	10/22/2024	7/22/2024	47	5 Compressor component
8922415	92363 C	0.1342	10/22/2024	10/23/2024	7/22/2024	48	6 Compressor component
8922444	92363 OT	0.0984	10/22/2024	10/22/2024	7/22/2024	47	5 Compressor component
8922457	92363 C	0.1342	10/22/2024	10/22/2024	7/22/2024	47	6 Compressor component
8922377	92363 V	0.3562	10/22/2024	10/22/2024	7/22/2024	47	17 Compressor component
8922423	92363 C	0.137	10/23/2024	10/23/2024	7/22/2024	48	7
8946196	92365 OT	0.0984	2/26/2024	2/28/2024	10/11/2023	72	7 Compressor component
8921320	92365 OT	0.0984	2/26/2024	2/28/2024	10/11/2023	72	7 Compressor component
8921260	92365 C	0.1342	2/26/2024	2/26/2024	10/11/2023	70	9 Compressor component
8853721	92365 C	0.1342	2/26/2024	2/26/2024	10/11/2023	70	9 Compressor component
8921353	92365 V	0.3562	2/26/2024	2/26/2024	10/11/2023	70	25 Compressor component
8819724	92365 V	0.3562	2/26/2024	3/6/2024	10/11/2023	79	28 Compressor component
8921256	92365 C	0.1342	2/26/2024	2/26/2024	10/11/2023	70	9 Compressor component
8946102	92365 C	0.1342	2/26/2024	5/30/2024	10/11/2023	164	22 Compressor component
8921444	92365 V	0.3562	2/26/2024	3/6/2024	10/11/2023	79	28 Compressor component
8819750	92365 OT	0.0984	2/26/2024	2/26/2024	10/11/2023	70	7 Compressor component
8921392	92365 C	0.1342	2/26/2024	2/26/2024	10/11/2023	70	9 Compressor component
8921330	92365 V	0.3562	2/26/2024	2/26/2024	10/11/2023	70	25 Compressor component
8921262	92365 V	0.3562	2/26/2024	2/26/2024	10/11/2023	70	25 Compressor component
8921354	92365 V	0.3562	2/26/2024	2/26/2024	10/11/2023	70	25 Compressor component
8921326	92365 V	0.3562	2/26/2024	2/26/2024	10/11/2023	70	25 Compressor component
8921362	92365 OT	0.0984	2/26/2024	2/27/2024	10/11/2023	71	7 Compressor component
8819753	92365 V	0.3562	2/26/2024	2/26/2024	10/11/2023	70	25 Compressor component
8819885	92365 V	0.3562	2/26/2024	2/26/2024	10/11/2023	70	25 Compressor component
8946633	92365 C	0.1342	2/26/2024	2/26/2024	10/11/2023	70	9 Compressor component
8946655	92365 OT	0.0984	2/26/2024	5/21/2024	10/11/2023	155	15 Compressor component
8921368	92365 OT	0.0984	2/26/2024	5/21/2024	10/11/2023	155	15 Compressor component
8819858	92365 V	0.3562	2/26/2024	5/22/2024	10/11/2023	156	56 Compressor component

8921364	92365 C	0.1342	2/26/2024	5/21/2024	10/11/2023	155	21 Compressor component
8946676	92365 C	0.1342	2/26/2024	2/27/2024	10/11/2023	71	10 Compressor component
8946699	92365 V	0.3562	2/26/2024	5/22/2024	10/11/2023	156	56 Compressor component
8946725	92365 V	0.3562	2/26/2024	5/22/2024	10/11/2023	156	56 Compressor component
8921356	92365 V	0.1541	2/27/2024	2/27/2024	10/11/2023	71	11
8921302	92365 OT	0.0984	2/27/2024	7/16/2024	10/11/2023	211	21 Compressor component
8819895	92365 V	0.3562	2/27/2024	7/16/2024	10/11/2023	211	75 Compressor component
8946453	92365 C	0.1342	2/27/2024	7/16/2024	10/11/2023	211	28 Compressor component
8819867	92365 C	0.137	2/27/2024	2/27/2024	10/11/2023	71	10
8921370	92365 C	0.137	2/27/2024	5/21/2024	10/11/2023	155	21
8819929	92365 C	0.137	2/28/2024	5/23/2024	10/11/2023	156	21
8946030	92365 OT	0.0984	2/28/2024	2/27/2025	10/11/2023	378	37
8819886	92365 C	0.137	2/28/2024	2/29/2024	10/11/2023	72	10
8820016	92365 C	0.137	2/28/2024	3/6/2024	10/11/2023	78	11
8921383	92365 C	0.137	2/28/2024	3/4/2024	10/11/2023	76	10
8921424	92365 C	0.137	2/28/2024	3/6/2024	10/11/2023	78	11
8921334	92365 V	0.1541	2/28/2024	2/28/2024	10/11/2023	71	11
8921485	92365 V	0.1541	2/28/2024	2/28/2024	10/11/2023	71	11
8946090	92365 V	0.1541	2/28/2024	2/28/2024	10/11/2023	71	11
8946204	92365 V	0.1541	2/28/2024	2/29/2024	10/11/2023	72	11
8921467	92365 C	0.137	2/28/2024	7/16/2024	10/11/2023	210	29
8921359	92365 OT	0.0984	2/28/2024	11/26/2024	10/11/2023	343	34 Compressor component
8946689	92365 V	0.1541	2/28/2024	2/28/2024	10/11/2023	71	11
8921492	92365 C	0.137	2/29/2024	11/26/2024	10/11/2023	343	47
8921450	92365 C	0.137	2/29/2024	2/29/2024	10/11/2023	72	10
8921918	92365 OT	0.0984	5/20/2024	5/30/2024	2/26/2024	53	5 Compressor component
8820004	92365 C	0.1342	5/20/2024	5/30/2024	2/26/2024	53	7 Compressor component
8853720	92365 C	0.1342	5/20/2024	5/30/2024	2/26/2024	54	7 Compressor component
8921889	92365 C	0.1342	5/20/2024	7/16/2024	2/26/2024	100	13 Compressor component
8921802	92365 C	0.1342	5/20/2024	8/22/2024	2/26/2024	137	18 Compressor component
8921931	92365 C	0.1342	5/20/2024	7/16/2024	2/26/2024	100	13 Compressor component
8819967	92365 V	0.1541	5/21/2024	5/21/2024	2/26/2024	44	7
8945575	92365 C	0.137	5/21/2024	5/22/2024	2/26/2024	45	6
8819928	92365 OT	0.0984	5/22/2024	5/23/2024	2/26/2024	45	4
8922055	92365 C	0.137	8/20/2024	8/21/2024	5/20/2024	48	7
8946071	92365 C	0.137	8/21/2024	9/24/2024	5/20/2024	82	11
8819909	92365 C	0.137	8/21/2024	8/21/2024	5/20/2024	48	7
8922178	92365 C	0.137	8/21/2024	11/26/2024	5/20/2024	145	20
8950588	92365 V	0.1541	8/21/2024	8/21/2024	5/20/2024	48	7
8946669	92365 OT	0.0984	8/21/2024	11/26/2024	5/20/2024	145	14
8922442	92365 C	0.137	11/25/2024	11/26/2024	8/19/2024	51	7
8922359	92365 V	0.1541	11/25/2024	11/26/2024	8/19/2024	51	8
8922452	92365 V	0.1541	11/25/2024	11/26/2024	8/19/2024	86	13
8922261	92365 V	0.1541	11/25/2024	11/26/2024	8/19/2024	51	8
8922405	92365 OT	0.0984	11/25/2024	11/26/2024	8/19/2024	51	5
8922392	92365 C	0.137	11/25/2024	11/26/2024	8/19/2024	51	7
8922398	92365 C	0.137	11/25/2024	11/26/2024	8/19/2024	51	7
8922313	92365 V	0.1541	11/25/2024	11/26/2024	8/19/2024	51	8
8922328	92365 V	0.1541	11/25/2024	11/26/2024	8/19/2024	51	8
8922383	92365 C	0.1342	11/25/2024	12/19/2024	8/19/2024	74	10 Compressor component
8922287	92365 V	0.3562	11/25/2024	11/25/2024	8/19/2024	50	18 Compressor component
8922242	92365 V	0.3562	11/25/2024	11/25/2024	8/19/2024	50	18 Compressor component
8922254	92365 V	0.3562	11/25/2024	11/25/2024	8/19/2024	50	18 Compressor component
8922365	92365 C	0.1342	11/25/2024	12/19/2024	8/19/2024	74	10 Compressor component
8922281	92365 V	0.3562	11/25/2024	11/26/2024	8/19/2024	51	18 Compressor component
8946389	92365 V	0.3562	11/25/2024	11/26/2024	8/19/2024	51	18 Compressor component
8946530	92365 V	0.3562	11/25/2024	11/26/2024	8/19/2024	51	18 Compressor component
8922410	92365 V	0.1541	11/25/2024	11/26/2024	8/19/2024	51	8
8922435	92365 V	0.1541	11/25/2024	11/26/2024	8/19/2024	51	8
8922420	92365 C	0.137	11/26/2024	11/26/2024	8/19/2024	51	7
8922338	92365 V	0.1541	11/26/2024	11/26/2024	8/19/2024	51	8
8922384	92365 C	0.137	11/26/2024	11/26/2024	8/19/2024	51	7
8922375	92365 V	0.1541	11/26/2024	11/26/2024	8/19/2024	51	8
8921600	92363 V	0.1541	1/8/2024	1/8/2024	10/9/2023	47	7
8950592	92363 V	0.1541	1/8/2024	1/8/2024	10/9/2023	47	7
8921528	92363 V	0.1541	1/8/2024	1/8/2024	10/9/2023	47	7
8946180	92363 V	0.1541	1/8/2024	1/8/2024	10/9/2023	47	7
8946197	92363 V	0.1541	1/8/2024	1/8/2024	10/9/2023	47	7
8921623	92363 V	0.1541	1/8/2024	1/8/2024	10/9/2023	47	7
8921615	92363 OT	0.0984	1/8/2024	1/10/2024	10/9/2023	49	5 Compressor component
8921590	92363 OT	0.0984	1/8/2024	1/10/2024	10/9/2023	49	5 Compressor component
8946276	92363 OT	0.0984	1/8/2024	1/10/2024	10/9/2023	49	5 Compressor component
8921551	92363 C	0.1342	1/8/2024	1/10/2024	10/9/2023	49	7 Compressor component
8921515	92363 C	0.1342	1/8/2024	1/8/2024	10/9/2023	47	6 Compressor component
8921563	92363 OT	0.0984	1/8/2024	1/9/2024	10/9/2023	48	5 Compressor component
8921582	92363 C	0.1342	1/8/2024	1/8/2024	10/9/2023	47	6 Compressor component
8921639	92363 OT	0.0984	1/8/2024	1/8/2024	10/9/2023	47	5 Compressor component
8921547	92363 V	0.1541	1/8/2024	1/9/2024	10/9/2023	48	7
8921579	92363 C	0.137	1/8/2024	1/9/2024	10/9/2023	48	7
8946285	92363 C	0.137	1/9/2024	1/10/2024	10/9/2023	48	7
8921620	92363 V	0.1541	1/9/2024	1/9/2024	10/9/2023	47	7
8946248	92363 V	0.1541	1/9/2024	1/9/2024	10/9/2023	47	7
8946323	92363 V	0.1541	1/9/2024	1/9/2024	10/9/2023	47	7
8950587	92363 V	0.1541	1/9/2024	1/9/2024	10/9/2023	47	7
8921631	92363 V	0.1541	1/9/2024	1/9/2024	10/9/2023	47	7
8946303	92363 C	0.137	1/9/2024	1/10/2024	10/9/2023	48	7
8921700	92363 OT	0.0984	1/9/2024	1/10/2024	10/9/2023	48	5 Compressor component
8921718	92363 OT	0.0984	1/9/2024	1/10/2024	10/9/2023	48	5 Compressor component
8946316	92363 OT	0.0984	1/9/2024	1/10/2024	10/9/2023	48	5 Compressor component
8921660	92363 OT	0.0984	1/9/2024	1/10/2024	10/9/2023	48	5 Compressor component
8946369	92363 OT	0.0984	1/9/2024	1/10/2024	10/9/2023	48	5 Compressor component
8921586	92363 OT	0.0984	1/9/2024	1/10/2024	10/9/2023	48	5 Compressor component
8921617	92363 OT	0.0984	1/9/2024	1/10/2024	10/9/2023	48	5 Compressor component
8946265	92363 OT	0.0984	1/9/2024	1/10/2024	10/9/2023	48	5 Compressor component
8921655	92363 C	0.137	1/9/2024	1/10/2024	10/9/2023	48	7
8921583	92363 C	0.137	1/9/2024	1/10/2024	10/9/2023	48	7
8946271	92363 C	0.137	1/10/2024	1/10/2024	10/9/2023	48	7
8946263	92363 C	0.137	1/10/2024	1/10/2024	10/9/2023	48	7
8820058	92363 OT	0.0984	1/29/2024		10/9/2023	394	39 Compressor component
8820048	92363 OT	0.0984	1/29/2024		10/9/2023	394	39 Compressor component
8820131	92363 OT	0.0984	1/29/2024		10/9/2023	394	39 Compressor component
8820144	92363 OT	0.0984	1/29/2024		10/9/2023	394	39 Compressor component
8820191	92363 OT	0.0984	1/29/2024	1/29/2024	10/9/2023	57	6 Compressor component
8820143	92363 V	0.1541	1/30/2024		10/9/2023	394	61
8820099	92363 C	0.137	1/30/2024		10/9/2023	394	54

8820184	92363 C	0.137	4/8/2024	4/9/2024	1/8/2024	48	7
8820183	92363 V	0.1541	4/8/2024	4/8/2024	1/8/2024	47	7
8921925	92363 OT	0.0984	4/8/2024	4/8/2024	1/8/2024	48	5 Compressor component
8921855	92363 V	0.1541	4/9/2024	4/17/2024	1/8/2024	55	8
8921940	92363 V	0.1541	4/9/2024	4/9/2024	1/8/2024	47	7
8921896	92363 C	0.137	4/10/2024	4/11/2024	1/8/2024	49	7
8921977	92363 C	0.137	4/10/2024	4/11/2024	1/8/2024	49	7
8820150	92363 C	0.137	4/10/2024	4/11/2024	1/8/2024	49	7
8922176	92363 V	0.1541	7/8/2024	7/9/2024	4/8/2024	48	7
8922079	92363 C	0.1342	7/8/2024	7/8/2024	4/8/2024	47	6 Compressor component
8945576	92363 C	0.1342	7/8/2024	7/8/2024	4/8/2024	47	6 Compressor component
8946336	92363 OT	0.0984	7/8/2024	7/9/2024	4/8/2024	48	5 Compressor component
8820126	92363 OT	0.0984	7/8/2024	7/9/2024	4/8/2024	48	5 Compressor component
8922146	92363 OT	0.0984	7/8/2024	7/9/2024	4/8/2024	48	5 Compressor component
8922190	92363 C	0.137	7/9/2024	7/9/2024	4/8/2024	47	6
8946361	92363 V	0.1541	7/9/2024	7/9/2024	4/8/2024	47	7
8922232	92363 C	0.137	7/10/2024	7/10/2024	4/8/2024	48	7
8820076	92363 V	0.1541	7/15/2024	7/15/2024	4/8/2024	50	8
8921764	93001 OT	0.0984	3/4/2024	3/6/2024	10/31/2023	66	6
8820196	93001 OT	0.0984	6/4/2024	6/6/2024	3/4/2024	49	5
8820214	93001 V	0.1541	6/4/2024	6/4/2024	3/4/2024	47	7
8922109	93001 C	0.137	9/3/2024	9/3/2024	6/3/2024	47	6
8820219	93001 C	0.137	9/3/2024	9/3/2024	6/3/2024	47	6
8922443	93001 V	0.1541	12/2/2024	12/3/2024	9/3/2024	47	7
8922416	93001 C	0.137	12/3/2024	12/3/2024	9/3/2024	47	6
8853706	93001 V	0.1541	12/17/2024		9/3/2024	68	10
8853349	93001 V	0.1541	12/19/2024		9/3/2024	67	10
8853385	93001 V	0.1541	12/19/2024		9/3/2024	67	10
8853400	93001 OT	0.0984	12/19/2024		9/3/2024	67	7 Compressor component
8853371	93001 C	0.137	12/19/2024		9/3/2024	67	9
8946311	93313 C	0.137	3/11/2024	3/13/2024	11/29/2023	55	7
8921622	93313 C	0.137	3/11/2024	3/13/2024	11/29/2023	55	7
8946326	93313 C	0.137	3/11/2024	3/13/2024	11/29/2023	55	7
8946242	93313 V	0.1541	3/11/2024	3/13/2024	11/29/2023	55	8
8922219	93313 C	0.137	9/9/2024	9/10/2024	6/10/2024	48	7
8922103	93313 C	0.137	9/9/2024	9/10/2024	6/10/2024	48	7
8922198	93313 V	0.1541	9/10/2024		6/10/2024	159	25
8922207	93313 V	0.1541	9/11/2024	11/8/2024	6/10/2024	106	16
8853709	93313 V	0.1541	12/9/2024	12/9/2024	9/9/2024	47	7
8853606	93313 V	0.1541	12/10/2024	12/11/2024	9/9/2024	48	7
8853607	93313 V	0.1541	12/11/2024	12/11/2024	9/9/2024	48	7
8967507	92225 V	0.1541	2/14/2024	2/15/2024	11/1/2023	55	8
8967684	92225 V	0.1541	2/5/2024	2/6/2024	11/1/2023	50	8
8967587	92225 V	0.1541	2/5/2024	2/5/2024	11/1/2023	49	8
8967759	92363 C	0.137	10/21/2024	10/21/2024	7/22/2024	47	6
8967749	92363 C	0.137	4/22/2024	4/22/2024	1/8/2024	54	7
8967337	92225 V	0.1541	2/12/2024	2/12/2024	11/1/2023	53	8
8967344	92225 V	0.1541	11/13/2024	11/13/2024	8/5/2024	51	8
8967438	92225 C	0.137	5/13/2024	5/13/2024	1/29/2024	54	7
8967489	92225 V	0.1541	2/14/2024	2/14/2024	11/1/2023	54	8
8967534	92225 C	0.137	2/5/2024	2/5/2024	11/1/2023	49	7
8967610	92225 C	0.137	8/6/2024	8/6/2024	4/29/2024	51	7
8967600	92225 OT	0.0984	8/7/2024	8/7/2024	4/29/2024	51	5 Compressor component
8967631	92225 OT	0.0984	11/5/2024	11/6/2024	8/5/2024	48	5 Compressor component
8967725	92363 C	0.137	7/22/2024	7/23/2024	4/8/2024	55	7
8967406	92225 V	0.1541	5/13/2024	5/13/2024	1/29/2024	54	8
8967481	92225 V	0.1541	2/14/2024	2/15/2024	11/1/2023	55	8
8967420	92225 C	0.137	8/13/2024	8/13/2024	4/29/2024	54	7
8967549	92225 C	0.137	2/14/2024	2/15/2024	11/1/2023	55	7
8967718	92363 C	0.137	10/21/2024	10/21/2024	7/22/2024	47	6
8967336	92225 C	0.137	2/12/2024	2/12/2024	11/1/2023	53	7
8967323	92225 C	0.137	2/13/2024	2/14/2024	11/1/2023	54	7
8967377	92225 V	0.1541	2/13/2024	2/14/2024	11/1/2023	54	8
8967402	92225 V	0.1541	2/13/2024	12/26/2024	11/1/2023	370	57
8967530	92225 V	0.1541	2/14/2024	2/15/2024	11/1/2023	55	8
8967473	92225 V	0.1541	8/13/2024	8/15/2024	4/29/2024	56	9
8967536	92225 V	0.1541	8/13/2024	8/19/2024	4/29/2024	60	9
8967511	92225 C	0.137	2/14/2024	2/15/2024	11/1/2023	55	7
8967652	92225 V	0.1541	11/4/2024	11/6/2024	8/5/2024	49	7
8967527	92225 V	0.1541	2/5/2024	2/5/2024	11/1/2023	49	8
8967649	92225 V	0.1541	11/4/2024	11/6/2024	8/5/2024	49	7
8967724	92225 V	0.1541	11/4/2024	11/6/2024	8/5/2024	49	7
8967343	93313 C	0.137	3/12/2024	3/13/2024	11/29/2023	54	7
8967410	92225 C	0.137	2/12/2024	2/12/2024	11/1/2023	53	7
8967325	92225 C	0.137	2/12/2024	2/12/2024	11/1/2023	53	7
8967499	92225 p	0.0984	2/14/2024	2/15/2024	11/1/2023	55	5
8967449	92225 V	0.1541	2/13/2024	2/14/2024	11/1/2023	54	8
8967642	92225 OT	0.0984	5/6/2024	5/7/2024	1/29/2024	51	5
8967567	92225 V	0.1541	11/4/2024	11/6/2024	8/5/2024	49	7
8967628	92225 V	0.1541	8/6/2024	8/6/2024	4/29/2024	51	8
8967737	92363 C	0.137	1/24/2024	1/24/2024	11/14/2023	37	5
8967447	92225 V	0.1541	2/14/2024	2/15/2024	11/1/2023	55	8
8967407	92225 V	0.1541	2/13/2024	2/14/2024	11/1/2023	54	8
8967471	92225 V	0.1541	2/13/2024	2/14/2024	11/1/2023	54	8
8967646	92225 C	0.137	11/4/2024	11/6/2024	8/5/2024	49	7
8967689	92225 C	0.137	8/6/2024	8/7/2024	4/29/2024	52	7
8967720	92363 PR	0.0482	10/21/2024		7/22/2024	118	6
8967330	92225 V	0.1541	11/13/2024	11/13/2024	8/5/2024	51	8
8967457	92225 C	0.137	11/12/2024	11/13/2024	8/5/2024	52	7
8967372	92225 V	0.1541	5/13/2024	5/13/2024	1/29/2024	54	8
8967491	92225 C	0.137	8/13/2024	8/13/2024	4/29/2024	54	7
8967514	92225 C	0.137	8/14/2024	8/15/2024	4/29/2024	56	8
8967477	92225 C	0.137	5/14/2024	5/14/2024	1/29/2024	54	7
8967509	92225 V	0.1541	2/14/2024	2/14/2024	11/1/2023	54	8
8967557	92225 C	0.137	8/5/2024	8/5/2024	4/29/2024	50	7
8967665	92225 V	0.1541	2/5/2024	2/5/2024	11/1/2023	49	8
8967591	92225 V	0.1541	5/6/2024	5/7/2024	1/29/2024	51	8
8967648	92225 V	0.1541	8/7/2024	8/7/2024	4/29/2024	51	8
8967367	92225 C	0.137	11/12/2024	11/12/2024	1/29/2024	145	20
8967358	92225 C	0.137	5/13/2024	5/13/2024	1/29/2024	54	7
8967505	92225 C	0.137	2/14/2024	2/15/2024	11/1/2023	55	7
8967459	92225 C	0.137	2/13/2024	2/15/2024	11/1/2023	55	8
8967482	92225 OT	0.0984	5/14/2024	5/15/2024	1/29/2024	55	5 Compressor component
8967551	92225 V	0.1541	2/5/2024	2/5/2024	11/1/2023	49	8
8967577	92225 V	0.1541	8/5/2024	8/5/2024	4/29/2024	50	8

8967571	92225 C	0.137	2/5/2024	2/5/2024	11/1/2023	49	7
8967674	92225 C	0.137	8/5/2024		4/29/2024	198	27
8967694	92363 V	0.1541	10/21/2024	10/21/2024	7/22/2024	47	7
8967700	92363 C	0.137	1/24/2024	1/24/2024	10/9/2023	55	7
8971110	92365 C	0.137	2/28/2024	2/28/2024	10/11/2023	71	10
8971162	92365 ot	0.0984	8/21/2024	11/26/2024	5/20/2024	145	14
8971171	92365 ot	0.0984	2/28/2024	2/29/2024	10/11/2023	72	7
8968398	92225 C	0.137	2/13/2024	2/15/2025	11/1/2023	375	51
8968406	93001 ot	0.0984	9/4/2024	3/3/2025	6/3/2024	166	16
8971041	92365 C	0.137	11/25/2024	11/26/2024	8/19/2024	51	7
8971165	92365 C	0.137	11/25/2024	12/19/2024	8/19/2024	74	10
8971163	92365 V	0.1541	5/22/2024	5/30/2024	2/26/2024	52	8
8971172	92365 ot	0.0984	2/28/2024	2/29/2024	10/11/2023	72	7
8971174	92365 ot	0.0984	2/28/2024	2/29/2024	10/11/2023	72	7
8971166	92365 V	0.1541	11/25/2024	11/26/2024	8/19/2024	51	8
8971173	92365 C	0.137	2/26/2024	2/27/2024	10/11/2023	71	10
8971169	92365 C	0.137	8/19/2024	8/20/2024	5/20/2024	48	7
8971168	92365 PR	0.0482	5/21/2024	5/22/2024	2/26/2024	45	2
8971170	92365 V	0.1541	2/28/2024	7/16/2024	10/11/2023	210	32
8971167	92365 C	0.137	2/28/2024	2/29/2024	10/11/2023	72	10
8971164	92365 C	0.137	2/28/2024	2/29/2024	10/11/2023	72	10
8968077	92225 V	0.1541	2/14/2024	2/15/2024	11/1/2023	55	8
8968088	92225 V	0.1541	5/15/2024	5/15/2024	1/29/2024	55	8
8968090	92225 C	0.137	8/13/2024	8/13/2024	4/29/2024	54	7
8968115	92225 V	0.1541	8/13/2024	8/13/2024	4/29/2024	54	8
8968122	92225 C	0.137	5/14/2024	5/14/2024	1/29/2024	54	7
8968123	92225 V	0.1541	11/4/2024	11/6/2024	7/29/2024	52	8
8968125	92225 V	0.1541	2/13/2024	2/14/2024	11/1/2023	54	8
8968132	92225 C	0.137	2/13/2024	2/14/2024	11/1/2023	54	7
8968139	92225 C	0.137	5/13/2024	5/13/2024	1/29/2024	54	7
8968151	92225 OT	0.0984	11/5/2024	11/6/2024	7/29/2024	52	5 Compressor component
8968159	92225 C	0.137	2/13/2024	2/14/2024	11/1/2023	54	7
8968161	92225 V	0.1541	8/13/2024	8/15/2024	4/29/2024	56	9
8968227	93001 OT	0.0984	6/4/2024	6/6/2024	3/4/2024	49	5
8968261	93001 OT	0.0984	6/4/2024	6/6/2024	3/4/2024	49	5
9002351	92363 C	0.137	10/21/2024	10/21/2024	7/22/2024	47	6
NS01862	92365 OT	0.0984	3/1/2023	2/28/2024	11/28/2022	106	10 Compressor component
NS01862.08	92365 OT	0.0984	3/1/2023	2/28/2024	11/28/2022	106	10 Compressor component
NS01862.24	92365 OT	0.0984	3/1/2023	2/28/2024	11/28/2022	106	10 Compressor component
NS01862.32	92365 OT	0.0984	3/1/2023	2/28/2024	11/28/2022	106	10 Compressor component
NS01862.40	92365 OT	0.0984	3/1/2023	2/28/2024	11/28/2022	106	10 Compressor component
NS01879.02	92365 C	0.137	5/23/2023	2/27/2024	2/28/2023	100	14
NS12616.06	92365 OT	0.0984	5/24/2023	2/29/2024	2/28/2023	103	10
NS12592.07	92365 OT	0.0984	5/24/2023	2/29/2024	2/28/2023	103	10
NS01864.141	92365 C	0.137	11/27/2023	1/22/2024	8/21/2023	71	10
NS01865.19	92365 V	0.1541	11/27/2023	1/22/2024	8/21/2023	71	11
NS01868.34	92365 V	0.1541	11/27/2023	2/27/2024	8/21/2023	107	16
NS01877	92365 OT	0.0984	8/21/2023	1/22/2024	5/22/2023	68	7 Compressor component
NS01877.08	92365 OT	0.0984	8/21/2023	1/22/2024	5/22/2023	68	7 Compressor component
NS01877.16	92365 OT	0.0984	8/21/2023	1/22/2024	5/22/2023	68	7 Compressor component
NS01877.24	92365 OT	0.0984	8/21/2023	1/22/2024	5/22/2023	68	7 Compressor component
NS01877.32	92365 OT	0.0984	8/21/2023	1/22/2024	5/22/2023	68	7 Compressor component
NS01877.40	92365 OT	0.0984	8/21/2023	1/22/2024	5/22/2023	68	7 Compressor component
NS02101.02	92365 OT	0.0984	11/29/2023	1/22/2024	8/21/2023	72	7
NS13381	92365 OT	0.0984	8/21/2023	2/28/2024	5/22/2023	105	10 Compressor component
NS13381.08	92365 OT	0.0984	8/21/2023	2/28/2024	5/22/2023	105	10 Compressor component
NS13381.24	92365 OT	0.0984	8/21/2023	2/28/2024	5/22/2023	105	10 Compressor component
NS13381.32	92365 OT	0.0984	8/21/2023	2/28/2024	5/22/2023	105	10 Compressor component
NS13381.40	92365 OT	0.0984	8/21/2023	2/28/2024	5/22/2023	105	10
SN01157	92363 OT	0.0984	4/10/2023	1/8/2024	1/9/2023	54	5 Compressor component
SN01154	92363 OT	0.0984	7/10/2023	1/8/2024	4/10/2023	54	5 Compressor component

Sum Total	5,033
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SoCalGas, June 13th, 2025

Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.
In Response to Data Request, R15-01-008 - 2025 June Report
Appendix 3; Rev. 03/27/2025

Notes:
Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.
At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.

Transmission Compressor Station Storage Tank Emissions:

Total Number	Discovery Date (DD/MM/YY)	Repair Date (DD/MM/YY)	Number of Days Emitting	Emission Factor (Mscf/yr)	Annual Emissions (Mscf)
Sum Total					0

Appendix 3; Rev. 03/27/2025

Header column "Comment" boxes displayed below for reference.	
Column Heading	Description and Definition of Required Contents (IF not self-explanatory)
Compressor Vented Emissions	
ID	
Geographic Location	GIS, zip code, or equivalent
Compressor Type	C = centrifugal R = reciprocating
Prime Mover	
Number of Cylinders	
Number of Seals	
Seal Type	W = wet D = dry NA = not applicable
Measurement Frequency	A - Annual Q - Quarterly M - Monthly W - Weekly D - Daily
Emission Factor: Measurement Date - Pressurized Operations	
Operating Mode: Pressurized Operating (hours)	
Operating Mode: Pressurized Idle (hours)	
Operating Mode: Depressurized Idle (hours)	
Operating Mode: Offline (Hours)	
Emission Factor: Pressurized Operating (scf/hr)	Use these EF columns as well as the columns for the Compressor Measurements noted in Columns R thru AB when they are applicable. If the data is not captured by the operator, then add a note explaining why the applicable measurement data was not recorded or available in the Explanatory Notes / Comments column.
Emission Factor: Pressurized Idle (scf/hr)	
Emission Factor: Depressurized Idle (scf/hr)	
Emission Factor: Offline (scf/hr)	If the "Offline" hours are counted, then a measurement of "offline" emissions should be taken to determine whether emissions occur. (We should not assume they are zero.)
Emission Factor: Pressurized Operating - Rod Packing (scf/hr)	These are new columns for reporting year 2020 of 2019 data. These only apply to operators who during their operations and surveys of compressor stations measure their Compressor Vented Emissions for these components of the compressor. Not all gas operators measure vented emissions and establish flow rates for vented emissions while at the various modes of operation. The current regulations require an annual
Emission Factor: Pressurized Operating - Blowdown Valve (scf/hr)	
Emission Factor: Pressurized Operating - Wet Seal Oil Degassing Vent (scf/hr)	
Emission Factor: Pressurized Operating - Wet Seal (scf/hr)	

Emission Factor: Pressurized Operating - Dry Seal (scf/hr)	CPUC Staff strongly encourage more frequent measurement of the following compressor vented emissions. Compliance minimum is once annually, though Staff suggest the minimum frequency should be quarterly and measured at roughly the same time each quarter (e.g. on or around the component survey given mode of operation). More frequent measurements, e.g. monthly would be better due to the temporal changes in conditions that effect emissions. The more frequent measurements also provide an opportunity to detect worn rod packing or seals, which exacerbate emissions, and with timely awareness of suboptimal operations gas operators have an opportunity for accelerating maintenance to correct worn parts. The following steps for reporting more frequent measurements in 2020 are outlined in the adjacent cell, and should be provided if available.
Emission Factor: Pressurized Idle - Rod Packing (scf/hr)	
Emission Factor: Pressurized Idle - Blowdown Valve (scf/hr)	
Emission Factor: Pressurized Idle - Wet Seal Oil Degassing Vent (scf/hr)	
Emission Factor: Pressurized Idle - Wet Seal (scf/hr)	
Emission Factor: Pressurized Idle - Dry Seal (scf/hr)	
Emission Factor: Pressurized Idle - Isolation Valve (scf/hr)	
Annual Emissions (Mscf)	
Explanatory Notes / Comments	
Blowdowns	
ID	
Geographic Location	GIS, zip code, or equivalent
Number of Blowdown Events	
Annual Emissions (Mscf)	
Explanatory Notes / Comments	
Component Vented Emissions	
ID	
Geographic Location	GIS, zip code, or equivalent
Device Type	C = connector O = open-ended line M = meter P = pneumatic device PR = pressure relief valve V = valve
Bleed Rate	L = low bleed I = intermittent bleed H = high bleed NA = not applicable
Manufacturer	
Engineering or Manufacturer's based Estimate of Emissions	
Annual Emissions (Mscf)	
Explanatory Notes / Comments	
Compressor & Component Fugitive Leaks	
ID	
Geographic Location	GIS, zip code, or equivalent
Device Type	C = connector O = open-ended line M = meter P = pneumatic device PR = pressure relief valve V = valve OT = Other
Emission Factor: Mscf/day/dev	From Appendix 9 use the applicable EF, and if necessary convert it to Mscf/day for each device.
Manufacturer	
Discovery Date (MM/DD/YY)	List the actual discovery date. If the leak was discovered in the year of interest or carried over from prior year, then we will assume the component was leaking from the beginning of the year for emissions reporting purposes, or prior survey date if surveyed previously within the year of interest.

Repair Date (MM/DD/YY)	Date that the component repair stopped the leak. Any associated blowdowns as a result of the repair should be included in the blowdowns tab.
Prior Survey Date (MM/DD/YY)	Before the discovery date of the leak, there was a "Prior Survey Date" when the compressor station was tested and no leak was found. There should be records as to when the compressor station was last surveyed. If the survey spanned two or more days, enter the final date. Note, a facility level survey date is sufficient to establish the prior survey date.
Number of Days Leaking	The algorithm that is used for determining the number of days leaking should conform to the following guidance: For the number days leaking prior to the date of discovery (survey date in the year of interest), calculate the number of days between the Discovery Date and the Prior Survey Date then divided by 2. [Dividing by 2 approximates the average time leaking between the leak discovery and the prior survey date. See below guidance when a leak is discovered in a prior period and repaired in the year of interest.] $(\text{Discovery Date} - \text{Prior Survey Date}) / 2$ Calculate the number of days leaking after discovery (survey) date, by subtracting the discovery date from the repair date, unless the leak has not been repaired, where the number of days should be calculated by subtracting the discovery date from December 31 of the year of interest.* $(\text{Repair Date} - \text{Discovery Date})$, unless repair date greater than 12/31/XX then use 12/31/XX --- $\text{Days Leaking} = (\text{Repair Date} - \text{Discovery Date}) + (\text{Discovery Date} - \text{Prior Survey Date}) / 2 + 1$ * [This requires tracking the leak across different years, because the leak could be minor and conceivably span more than year before getting repaired. Therefore, in the cases where a leak is carried over to a subsequent year, an annual calculation should be made to reflect that the number of days leaking in the prior year have already been reported in the annual emissions inventory. In subsequent years the carried over leaks should reflect a beginning date of January 1 of the year of interest.]
Annual Emissions (Mscf)	
Explanatory Notes / Comments	
Storage Tanks	
Total Number	
Discovery Date (DD/MM/YY)	
Repair Date (DD/MM/YY)	
Number of Days Emitting	Emitting from discovery date thru the repair date (if repaired in year of interest) or December 31 of subject year, whichever is earlier. (Duration of Leak = discovery date - repair date (or December 31) + 1 day.)
Emission Factor (Mscf/yr)	
Annual Emissions (Mscf)	