

# **Fire Test Report**

**API Standard 6FB, Fourth Edition, 2019**

*Performed for*

**Lamons**

[www.lamons.com](http://www.lamons.com)



**6 inch Class 300 Corrukamm /  
Kammpro Dual Seal w/ Thermoplastic  
and Flexible Graphite Facing  
Product Code: ECK2-790021574**

Project Number: 223295

Test Date: October 13, 2023



*Performed by*

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**YARMOUTH RESEARCH AND TECHNOLOGY, LLC**

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434 Walnut Hill Road  
North Yarmouth, ME 04097 USA  
(207) 829-5359

[info@yarmouthresearch.com](mailto:info@yarmouthresearch.com)

[www.yarmouthresearch.com](http://www.yarmouthresearch.com)

# Yarmouth Research and Technology, LLC

## API 6FB FIRE TEST REPORT

Customer: Lamons

Project Number: 223295

Date: 10/13/2023

Product Description: 6" Class 300 Corrukamm / Kammpo Dual Seal w/ Thermoplastic and Flexible Graphite Facing

Product Code: ECK2-790021574

Specification: API 6FB, Fourth Edition, 2019

Non-Bending, Type 1 Test

Gasket Thickness: 0.180 inches

Seal Area OD: 8.375 Seal Area ID: 6.188 inches

Mean Seal Diameter: 7.281 inches

Mean Circumference: 22.875 inches

Allowable Leakage: 22.9 ml/min

Nominal Test Pressure: 555 psig

Nut Torque: 250 ft-lb

YRT Technician: Dean Frank

Version of YRT's FIRE-Control 6FB Software: B

Equipment Confirmed to be in Calibration to NIST Standards: Yes

### Burn and Cool Down Test

Burn Start Time: 9:44:00

Burn / Cooldown Duration: 60 minutes

Average Pressure During Burn/Cooldown: 569 psig

Leak Rate During Burn/Cool Down: 0.5 ml/min

Allowable External Leak Rate: 22.9 ml/min

Amount of Time of Avg. Cal. Block > 1200 deg.: 19.0 minutes

Were Test Conditions Within Compliance? Yes

Was the Leakage Below the Allowable? Yes

### Depressurization - Repressurization Test

Average Pressure During Test: 559 psig

Gasket Leak Rate: 0 ml/min

Allowable External Leak Rate: 22.9 ml/min

Was the Leakage Below the Allowable? Yes

Does the Gasket Pass or Fail API 6FB? **PASS**

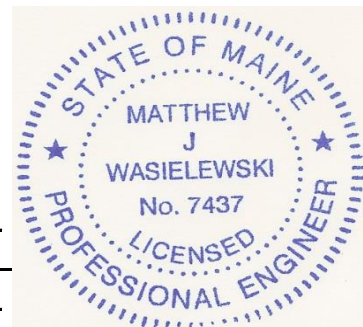
Certified By:



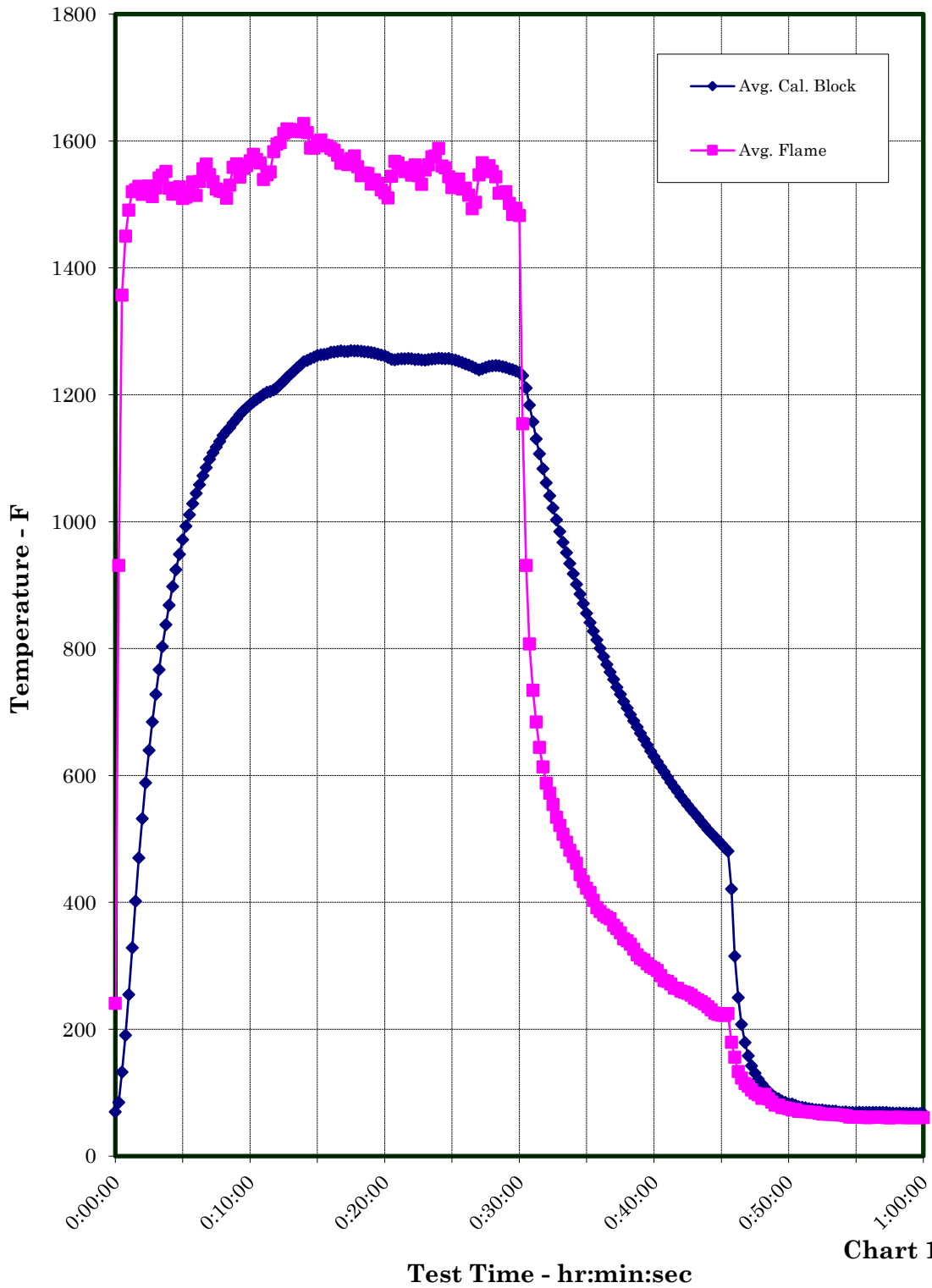
Matthew J. Wasielewski, PE

President and Manager

Yarmouth Research and Technology, LLC



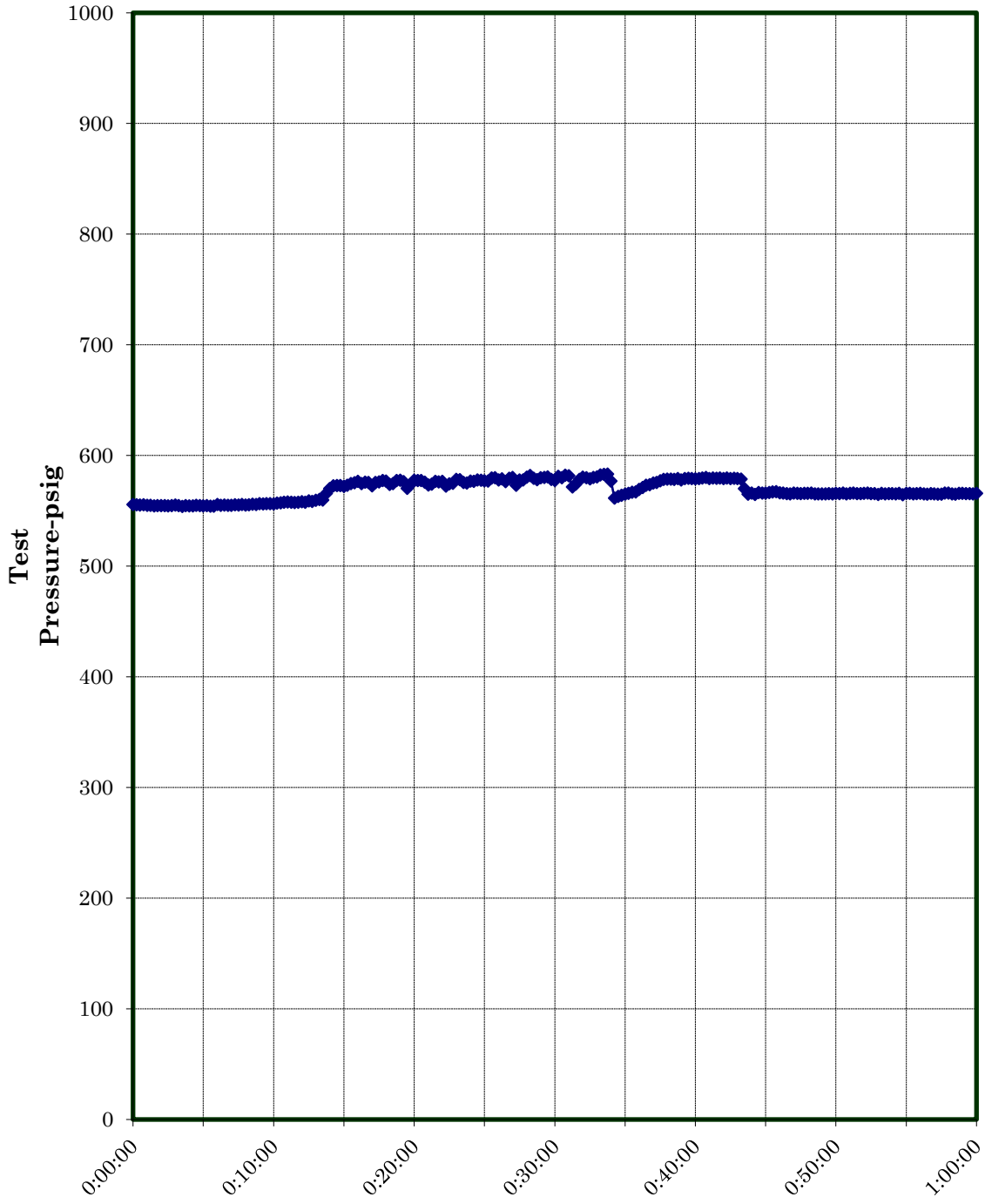
**Temperature verses Time Chart**



**Chart 1**

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**Pressure versus Time Chart**



**Test Time - hr:min:sec**

**Chart 2**



Gasket Markings



Test Gasket Prior to Burn

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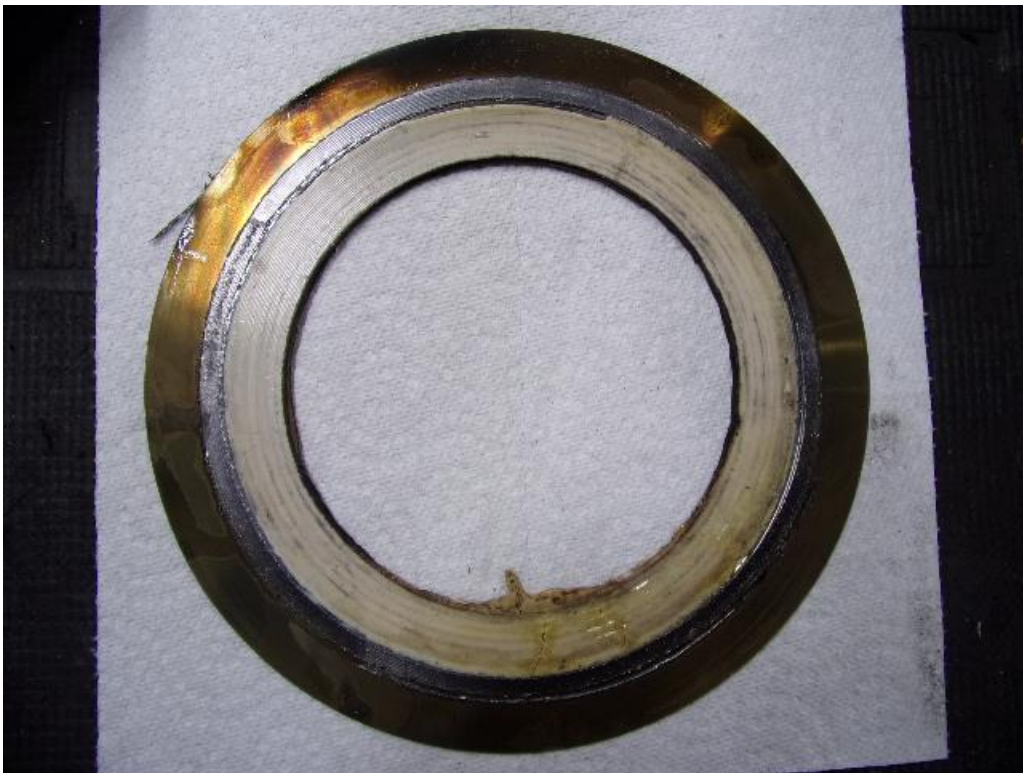
Test Setup Prior to Burn



Gasket During Burn



Gasket During Burn



Post-Test Gasket

# Yarmouth Research and Technology, LLC

## API 6FB FIRE TEST REPORT

Customer: Lamons

Date: 10/13/2023

Product Code: 6" Class 300 Corrukamm / Kammpo Dual Seal w/ Thermoplastic and Flexible Graphite Facing

Project Number: 223295

### Fire Test Raw Data

Time	Pressure (psig)	Water Volume (mls)	Cal. 1 Block Temp - F	Cal. 2 Block Temp - F	Cal. 3 Block Temp - F	Cal. 4 Block Temp - F	Average Block Temp - F	Flame 1 Temp - F	Flame 2 Temp - F	Flame 3 Temp - F	Flame 4 Temp - F	Average Flame Temp - F
9:44:00	556	33564	64	82	70	64	70	208	360	252	144	241
9:44:15	555	33535	70	104	88	77	85	1047	1054	793	831	931
9:44:30	555	33535	97	167	144	122	133	1515	1405	1281	1227	1357
9:44:45	555	33517	149	230	203	180	191	1585	1495	1364	1357	1450
9:45:00	555	33515	219	298	259	243	255	1612	1521	1440	1391	1491
9:45:15	555	33527	304	372	325	313	329	1634	1539	1429	1479	1520
9:45:30	555	33526	392	441	397	378	402	1643	1524	1438	1488	1523
9:45:45	555	33526	475	505	460	441	470	1657	1537	1441	1479	1529
9:46:00	555	33532	550	565	518	496	532	1652	1504	1422	1485	1516
9:46:15	555	33569	615	619	570	549	588	1629	1501	1468	1495	1523
9:46:30	554	33544	671	671	619	597	640	1623	1524	1468	1501	1529
9:46:45	555	33541	716	718	662	642	685	1620	1479	1441	1510	1513
9:47:00	555	33516	756	765	705	685	728	1607	1526	1458	1513	1526
9:47:15	555	33564	790	810	745	723	767	1612	1558	1485	1513	1542
9:47:30	554	33489	822	849	784	757	803	1605	1569	1499	1512	1546
9:47:45	555	33552	853	889	820	788	838	1587	1578	1512	1531	1552
9:48:00	555	33522	878	923	853	820	869	1585	1537	1449	1531	1526
9:48:15	554	33552	903	954	883	851	898	1551	1549	1429	1537	1517
9:48:30	555	33488	923	984	912	878	924	1542	1555	1467	1539	1526
9:48:45	555	33548	943	1011	937	903	949	1521	1594	1488	1508	1528
9:49:00	555	33516	961	1038	963	925	972	1530	1517	1470	1521	1510
9:49:15	555	33468	979	1062	986	945	993	1530	1548	1465	1503	1512
9:49:30	554	33507	995	1083	1008	957	1011	1503	1555	1519	1506	1521
9:49:45	554	33580	1008	1105	1027	973	1028	1467	1607	1544	1524	1536
9:50:00	556	33566	1017	1125	1049	988	1045	1501	1580	1483	1492	1514
9:50:15	555	33584	1026	1143	1065	999	1058	1521	1585	1526	1513	1536
9:50:30	555	33609	1036	1159	1083	1011	1072	1539	1571	1589	1526	1556
9:50:45	555	33594	1047	1173	1099	1022	1085	1526	1553	1639	1537	1564



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9:51:00	555	33615	1058	1188	1116	1031	1098	1521	1542	1585	1540	1547
9:51:15	555	33659	1065	1200	1130	1040	1109	1508	1594	1533	1508	1536
9:51:30	555	33672	1071	1211	1143	1045	1118	1513	1535	1530	1519	1524
9:51:45	556	33537	1076	1222	1155	1054	1127	1517	1517	1528	1524	1522
9:52:00	555	33593	1080	1233	1168	1063	1136	1497	1522	1553	1510	1521
9:52:15	556	33601	1081	1242	1179	1069	1143	1481	1474	1575	1510	1510
9:52:30	556	33613	1081	1251	1188	1074	1149	1495	1495	1612	1519	1530
9:52:45	556	33598	1085	1258	1198	1081	1156	1528	1585	1600	1521	1559
9:53:00	556	33715	1090	1267	1207	1085	1162	1531	1533	1657	1535	1564
9:53:15	556	33589	1096	1274	1216	1090	1169	1521	1513	1602	1537	1543
9:53:30	556	33615	1098	1281	1225	1096	1175	1483	1571	1645	1528	1557
9:53:45	557	33619	1098	1288	1234	1099	1180	1452	1614	1666	1513	1561
9:54:00	556	33634	1098	1296	1242	1103	1185	1450	1620	1683	1522	1569
9:54:15	557	33678	1096	1301	1251	1107	1189	1488	1634	1690	1504	1579
9:54:30	557	33645	1099	1306	1258	1108	1193	1522	1585	1663	1513	1571
9:54:45	558	33621	1103	1310	1263	1110	1197	1472	1593	1681	1515	1565
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9:55:15	558	33660	1107	1321	1276	1112	1204	1452	1620	1634	1481	1547
9:55:30	558	33661	1105	1324	1279	1112	1205	1445	1632	1643	1486	1552
9:55:45	558	33730	1103	1328	1285	1114	1208	1517	1623	1661	1533	1584
9:56:00	558	33653	1108	1330	1290	1117	1211	1497	1632	1704	1548	1595
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9:56:30	559	33738	1116	1335	1303	1132	1222	1537	1634	1710	1567	1612
9:56:45	559	33632	1123	1339	1308	1139	1227	1567	1630	1702	1578	1619
9:57:00	559	33632	1130	1341	1314	1144	1232	1549	1623	1708	1593	1618
9:57:15	560	33637	1135	1344	1317	1152	1237	1548	1625	1704	1582	1615
9:57:30	560	33749	1141	1348	1323	1159	1243	1557	1612	1708	1589	1617
9:57:45	566	33977	1148	1350	1326	1164	1247	1587	1603	1695	1575	1615
9:58:00	570	33869	1155	1353	1330	1170	1252	1612	1618	1713	1567	1628
9:58:15	573	34009	1162	1353	1332	1170	1254	1571	1623	1693	1566	1613
9:58:30	573	33867	1168	1355	1335	1170	1257	1557	1582	1666	1551	1589
9:58:45	573	33586	1170	1357	1339	1171	1259	1569	1560	1668	1558	1589
9:59:00	572	34036	1171	1360	1341	1175	1262	1528	1611	1690	1564	1598
9:59:15	573	33766	1170	1362	1342	1179	1263	1497	1621	1719	1569	1602
9:59:30	575	33660	1166	1362	1344	1182	1264	1508	1593	1720	1551	1593
9:59:45	575	34764	1164	1364	1346	1184	1265	1558	1576	1677	1558	1592
10:00:00	577	34615	1166	1366	1350	1186	1267	1549	1569	1688	1548	1589
10:00:15	575	33646	1164	1368	1351	1186	1267	1542	1562	1693	1544	1585
10:00:30	576	33537	1166	1369	1353	1186	1269	1551	1530	1690	1540	1578

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10:00:45	576	34242	1166	1369	1355	1186	1269	1522	1494	1699	1544	1565
10:01:00	573	33979	1164	1371	1355	1184	1269	1519	1540	1681	1531	1568
10:01:15	576	34779	1162	1373	1357	1182	1269	1542	1560	1634	1515	1563
10:01:30	576	34888	1162	1375	1359	1182	1270	1515	1593	1665	1515	1572
10:01:45	577	34496	1161	1377	1359	1180	1269	1544	1569	1690	1503	1577
10:02:00	577	34165	1161	1378	1359	1179	1269	1512	1542	1675	1508	1559
10:02:15	574	34059	1161	1378	1359	1177	1269	1488	1515	1674	1504	1545
10:02:30	575	33961	1157	1380	1360	1175	1268	1510	1530	1659	1499	1550
10:02:45	577	34891	1155	1382	1359	1173	1267	1528	1526	1656	1485	1549
10:03:00	578	34423	1153	1384	1359	1170	1267	1499	1492	1641	1497	1532
10:03:15	577	34235	1152	1384	1359	1168	1266	1499	1503	1670	1483	1539
10:03:30	570	34309	1150	1384	1359	1164	1264	1490	1501	1656	1486	1533
10:03:45	574	34738	1146	1386	1357	1162	1263	1494	1506	1629	1463	1523
10:04:00	578	34768	1144	1386	1357	1159	1262	1483	1526	1623	1441	1518
10:04:15	577	33605	1141	1386	1355	1153	1259	1447	1503	1643	1449	1511
10:04:30	577	34900	1135	1386	1353	1150	1256	1479	1555	1665	1479	1545
10:04:45	576	34176	1134	1386	1353	1148	1255	1524	1566	1675	1506	1568
10:05:00	573	34160	1135	1387	1355	1148	1256	1531	1544	1690	1497	1566
10:05:15	574	34324	1135	1389	1355	1148	1257	1530	1506	1692	1501	1557
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10:06:15	572	33978	1134	1391	1353	1144	1256	1513	1566	1681	1490	1563
10:06:30	574	33709	1134	1393	1353	1144	1256	1508	1531	1666	1477	1546
10:06:45	575	33837	1132	1395	1353	1141	1255	1506	1501	1652	1468	1532
10:07:00	578	34177	1132	1395	1353	1139	1255	1549	1571	1636	1461	1554
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10:07:30	576	33812	1135	1396	1355	1139	1256	1564	1526	1697	1513	1575
10:07:45	575	33332	1137	1396	1355	1139	1257	1571	1571	1670	1494	1577
10:08:00	577	34980	1141	1396	1355	1139	1258	1567	1618	1686	1483	1589
10:08:15	577	33622	1143	1396	1353	1137	1257	1549	1512	1690	1492	1561
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10:08:45	578	34221	1143	1398	1353	1135	1257	1535	1490	1681	1468	1544
10:09:00	577	34713	1139	1398	1353	1134	1256	1510	1481	1670	1445	1527
10:09:15	577	34773	1137	1398	1351	1132	1255	1524	1519	1657	1449	1537
10:09:30	580	33801	1134	1398	1350	1130	1253	1508	1522	1681	1449	1540
10:09:45	580	34303	1130	1398	1350	1126	1251	1485	1504	1681	1427	1524
10:10:00	578	34105	1126	1398	1348	1123	1249	1508	1510	1670	1414	1526
10:10:15	579	34211	1125	1398	1346	1119	1247	1490	1503	1652	1414	1515

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10:10:30	577	33948	1121	1398	1342	1117	1245	1441	1465	1656	1411	1493
10:10:45	579	33529	1116	1396	1341	1114	1242	1414	1566	1630	1404	1504
10:11:00	580	34250	1110	1396	1341	1110	1239	1535	1522	1659	1470	1547
10:11:15	573	33578	1112	1398	1342	1112	1241	1555	1540	1675	1494	1566
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10:11:45	578	34150	1119	1398	1346	1116	1245	1553	1522	1692	1477	1561
10:12:00	580	33985	1123	1398	1346	1116	1246	1537	1531	1670	1470	1552
10:12:15	582	34824	1123	1400	1346	1116	1246	1510	1528	1683	1454	1544
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10:12:45	578	34234	1119	1400	1346	1112	1244	1450	1526	1661	1441	1520
10:13:00	580	33922	1116	1400	1346	1110	1243	1459	1504	1675	1443	1520
10:13:15	580	34740	1112	1400	1344	1108	1241	1467	1461	1639	1440	1502
10:13:30	581	34280	1108	1400	1344	1107	1240	1458	1452	1607	1420	1484
10:13:45	578	34021	1105	1400	1341	1105	1238	1432	1499	1636	1409	1494
10:14:00	577	33638	1101	1400	1339	1101	1235	1441	1477	1634	1378	1483
10:14:15	581	35090	1096	1396	1333	1096	1230	1137	1162	1245	1074	1155
10:14:30	580	33397	1080	1375	1310	1078	1211	932	950	941	901	931
10:14:45	582	33846	1056	1346	1278	1056	1184	822	837	775	795	807
10:15:00	582	34172	1033	1314	1247	1035	1157	761	774	673	729	734
10:15:15	572	33869	1009	1283	1216	1013	1130	729	723	606	680	685
10:15:30	574	34108	990	1256	1189	993	1107	685	684	559	649	644
10:15:45	578	34623	970	1229	1162	973	1084	655	658	518	624	614
10:16:00	580	34829	950	1202	1139	955	1062	628	633	487	603	588
10:16:15	580	34882	932	1179	1116	937	1041	610	624	466	588	572
10:16:30	579	34184	916	1155	1096	919	1022	590	613	446	568	554
10:16:45	580	33676	900	1134	1074	903	1003	567	592	426	552	534
10:17:00	581	34288	883	1116	1054	885	985	552	581	412	540	521
10:17:15	582	33689	867	1099	1035	869	968	536	568	397	529	508
10:17:30	583	33829	855	1080	1015	855	951	523	556	383	518	495
10:17:45	583	34118	840	1062	995	840	934	507	540	370	511	482
10:18:00	577	33585	826	1042	977	826	918	500	529	363	498	473
10:18:15	562	33595	813	1022	959	811	901	484	522	351	489	462
10:18:30	563	33650	799	1004	941	799	886	460	496	338	480	444
10:18:45	564	33672	788	986	925	784	871	444	486	327	475	433
10:19:00	565	33675	775	968	907	772	856	432	482	316	460	423
10:19:15	566	33753	765	950	891	759	841	423	477	309	453	416
10:19:30	567	33739	754	934	874	748	828	412	460	298	442	403
10:19:45	567	33840	743	918	858	736	814	397	439	291	439	392
10:20:00	569	33879	732	901	844	725	801	387	433	286	437	386

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10:20:15	571	33845	721	885	829	714	787	385	428	279	428	380
10:20:30	573	33899	711	871	815	703	775	385	423	277	421	377
10:20:45	574	34038	702	856	801	693	763	385	426	271	414	374
10:21:00	575	33965	693	842	786	684	751	383	406	261	405	364
10:21:15	576	34007	682	828	774	673	739	376	408	255	396	359
10:21:30	577	33989	673	813	761	664	728	363	403	252	390	352
10:21:45	578	34035	664	801	748	653	717	349	397	243	381	343
10:22:00	579	33971	655	788	738	644	706	349	390	241	379	340
10:22:15	579	33942	648	775	725	635	696	347	381	234	374	334
10:22:30	579	33956	639	763	714	628	686	340	372	228	365	326
10:22:45	579	34055	631	752	703	619	676	331	354	223	361	317
10:23:00	578	34045	624	739	693	610	667	327	349	217	354	312
10:23:15	579	33830	615	729	682	603	657	325	345	216	351	309
10:23:30	579	34445	608	718	671	595	648	316	340	212	345	303
10:23:45	579	34335	601	707	660	586	639	315	334	207	338	299
10:24:00	579	34347	594	696	651	579	630	316	331	203	334	296
10:24:15	579	33899	586	687	642	572	622	315	327	199	329	293
10:24:30	580	34214	579	676	633	565	613	302	318	194	324	285
10:24:45	580	34210	574	667	624	558	606	291	309	192	316	277
10:25:00	579	33994	567	658	615	550	598	291	307	189	315	276
10:25:15	580	34087	559	649	606	543	589	284	307	185	309	271
10:25:30	579	34050	554	640	597	536	582	273	297	183	307	265
10:25:45	580	34079	547	631	590	531	575	273	298	180	306	264
10:26:00	579	34015	541	622	583	523	567	268	293	178	302	260
10:26:15	580	33991	534	615	574	518	560	271	289	176	297	258
10:26:30	579	34087	529	606	567	511	553	270	286	176	295	257
10:26:45	580	34063	523	599	559	505	547	268	282	174	291	254
10:27:00	579	34020	518	592	552	500	541	264	271	171	291	249
10:27:15	579	34056	513	583	545	495	534	259	268	169	288	246
10:27:30	570	33361	507	576	538	489	528	257	266	167	284	244
10:27:45	565	33674	502	568	531	484	521	252	264	165	280	240
10:28:00	566	33555	496	561	523	478	515	241	257	163	280	235
10:28:15	565	33698	491	554	518	473	509	232	248	162	280	231
10:28:30	567	33579	486	549	511	468	504	226	244	160	273	226
10:28:45	566	33723	482	541	505	464	498	221	241	158	273	223
10:29:00	566	33712	477	534	498	459	492	221	243	156	268	222
10:29:15	567	33631	471	529	493	453	487	221	248	154	264	222
10:29:30	567	33577	466	522	487	448	481	235	246	154	264	225
10:29:45	567	33647	439	378	428	439	421	167	185	192	174	180

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10:30:00	566	33626	347	216	297	401	315	126	140	178	180	156
10:30:15	566	33540	273	151	225	351	250	108	108	144	174	134
10:30:30	566	33666	221	118	185	307	208	100	93	120	180	123
10:30:45	565	33481	183	102	158	273	179	97	84	108	169	115
10:31:00	566	33524	156	91	140	246	158	91	81	100	169	110
10:31:15	566	33599	136	86	127	221	143	88	79	93	158	105
10:31:30	566	33608	120	82	118	203	131	82	77	91	147	99
10:31:45	566	33578	109	81	109	187	122	81	75	88	142	97
10:32:00	566	33597	100	77	104	174	114	77	70	82	135	91
10:32:15	566	33581	93	75	99	162	107	70	70	79	172	98
10:32:30	565	33596	86	73	95	151	101	68	68	81	144	90
10:32:45	565	33543	82	72	93	142	97	66	68	81	126	85
10:33:00	565	33574	79	70	91	131	93	66	68	79	109	81
10:33:15	565	33576	75	70	90	126	90	66	66	73	117	81
10:33:30	566	33521	73	68	86	120	87	66	64	72	104	77
10:33:45	565	33580	72	68	84	115	85	66	66	72	100	76
10:34:00	566	33602	70	68	81	111	83	66	64	70	100	75
10:34:15	566	33618	70	68	81	109	82	66	63	68	95	73
10:34:30	566	33601	70	68	77	106	80	66	64	68	97	74
10:34:45	565	33586	68	66	75	102	78	64	63	66	90	71
10:35:00	566	33545	68	66	75	100	77	64	63	66	90	71
10:35:15	566	33471	68	66	73	97	76	64	63	66	88	70
10:35:30	565	33558	66	66	72	95	75	64	63	64	88	70
10:35:45	566	33620	66	66	72	93	74	64	63	64	84	69
10:36:00	566	33646	66	66	70	91	73	64	63	64	84	69
10:36:15	566	33661	66	66	70	90	73	63	63	64	81	68
10:36:30	566	33570	66	66	70	90	73	63	61	63	79	67
10:36:45	566	33561	66	66	68	88	72	63	61	63	79	67
10:37:00	565	33633	66	66	68	86	72	63	61	63	77	66
10:37:15	566	33492	66	66	68	84	71	63	61	63	77	66
10:37:30	565	33518	66	66	68	84	71	63	61	63	75	66
10:37:45	565	33616	64	64	68	82	70	61	61	63	75	65
10:38:00	566	33651	64	64	68	81	69	61	61	63	73	65
10:38:15	565	33566	66	64	68	81	70	61	61	61	72	64
10:38:30	566	33602	64	64	66	81	69	59	59	59	70	62
10:38:45	565	33614	64	64	66	81	69	59	59	59	70	62
10:39:00	566	33463	64	64	66	81	69	59	59	59	70	62
10:39:15	566	33740	66	64	66	81	69	59	59	59	70	62
10:39:30	565	33510	66	64	66	79	69	59	59	59	68	61

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10:39:45	565	33482	66	64	66	79	69	59	59	57	68	61
10:40:00	566	33567	66	64	66	79	69	59	59	57	68	61
10:40:15	565	33640	66	64	66	79	69	59	59	59	68	61
10:40:30	565	33562	66	64	66	79	69	59	59	59	68	61
10:40:45	565	33558	66	64	66	79	69	59	59	59	68	61
10:41:00	565	33556	66	64	66	79	69	59	59	59	68	61
10:41:15	565	33553	66	64	66	79	69	59	59	57	68	61
10:41:30	565	33587	66	64	66	77	68	59	59	57	66	60
10:41:45	566	33526	66	64	66	77	68	59	59	57	68	61
10:42:00	566	33505	66	64	64	77	68	59	59	59	68	61
10:42:15	565	33535	66	64	66	77	68	59	59	59	68	61
10:42:30	565	33571	66	64	64	77	68	59	59	57	68	61
10:42:45	566	33560	66	64	64	77	68	59	59	57	68	61
10:43:00	566	33550	66	64	64	77	68	59	59	57	68	61
10:43:15	565	33489	66	64	64	77	68	59	59	57	68	61
10:43:30	566	33600	66	64	64	75	67	59	59	57	68	61
10:43:45	565	33598	66	64	64	75	67	59	59	57	68	61
10:44:00	566	33531	66	64	64	75	67	59	59	57	68	61

## Yarmouth Research and Technology, LLC

### Leakage Summary for Burn and Cool Down Periods

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All pressure transducers and thermocouples are in calibration per YRT's QA program.

External leakage was collected electronically.

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Test Duration:	60	minutes
Tank Water Loss:	33	mls
System Relief Water Collected:	0	mls
Calculated Water Loss:	33	mls
Average Leak Rate:	0.5	ml/min
Average Seal Circumference	22.9	inches
Allowable Leak Rate:	22.9	ml/min

<b>Was the Leakage Below the Allowable?</b>	<b>Yes</b>
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### Summary of Test Parameters During Burn and Cool Down Periods

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Amount of Time of Average Cal. Block > 1200 deg.:	19.0	minutes
Minimum Allowable Time at Temperature:	15	minutes
Average Cal. Block Temperature During Burn:	1107	deg. F
Maximum Average Cal. Block Temperature During Burn:	1270	deg. F
Minimum Average Cal. Block Temperature During Burn:	70	deg. F
Average Flame Temperature During Burn:	1532	deg. F
Maximum Average Flame Temperature During Burn:	1628	deg. F
Minimum Average Flame Temperature During Burn:	241	deg. F

*Notes*

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<b>Were Test Conditions Within Compliance?</b>	<b>Yes</b>
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# Yarmouth Research and Technology, LLC

## API 6FB FIRE TEST REPORT

**Customer:** Lamons

**Date:** 10/13/2023

**Product Code:** 6" Class 300 Corrukamm / Kammpo Dual Seal w/ Thermoplastic and Flexible Graphite Facing

**Project Number:** 223295

System pressure was lowered to 0 and then repressurized.

### *Operational Test Raw Data*

Time	Pressure (psig)	Average Block Temp-F
10:47:37	559	64
10:47:52	559	64
10:48:07	559	64
10:48:22	559	64
10:48:37	559	64
10:48:52	559	64
10:49:07	559	64
10:49:22	560	64
10:49:37	559	64
10:49:52	559	64
10:50:07	559	64
10:50:22	559	64
10:50:37	559	64
10:50:52	559	64
10:51:07	559	64
10:51:22	559	64
10:51:37	560	64
10:51:52	559	64
10:52:07	559	64
10:52:22	559	64
10:52:37	559	64

*Leakage was collected manually.*

Total External Leakage Collected Over 5 Minute Duration:	0	mls
Average Leak Rate Over 5 Minute Duration:	0	ml/min
Allowable Leak Rate:	22.9	ml/min

<b>Was the Leakage Below the Allowable?</b>	<b>Yes</b>
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