

Dia	Contract	Cylinder	Strength	Required	Age	Made	Tested	Design
4.014	Q347	1A	5120	4000	28	8/14/2017	9/11/2017	17449
4	Q347	1B	4870	4000	28	8/14/2017	9/11/2017	17449
4	Q076	21A	9100	3000	28	8/14/2017	9/11/2017	16225
4	Q076	21A	8050	3000	28	8/14/2017	9/11/2017	16225
4	P247	176	6220	3000	28	8/14/2017	9/11/2017	16130
4	P247	176A	6480	3000	28	8/14/2017	9/11/2017	16130
4	Q329	31	5300	3000	28	8/14/2017	9/11/2017	17181
4	Q329	31A	5220	3000	28	8/14/2017	9/11/2017	17181
4.019	Q015	213A	5110	3000	28	8/14/2017	9/11/2017	16573
4	Q015	213A	5190	3000	28	8/14/2017	9/11/2017	16573
4	R096	4A	6970	3000	28	8/14/2017	9/11/2017	17357
4	R096	4A	6670	3000	28	8/14/2017	9/11/2017	17357
4	Q029	G11A	6030	3000	28	8/14/2017	9/11/2017	17487
4	Q029	G11A	7080	3000	28	8/14/2017	9/11/2017	17487
4	107778	13A	5040	3000	28	8/14/2017	9/11/2017	16125
4	107778	13A	5280	3000	28	8/14/2017	9/11/2017	16125
4	111351	19A	3860	3KSI	28	8/14/2017	9/11/2017	17291
4	111351	19A	3850	3KSI	28	8/14/2017	9/11/2017	17291
4.002	R040	10A	7160	3000	28	8/14/2017	9/11/2017	17374
4	R040	10A	7990	3000	28	8/14/2017	9/11/2017	17374
4	R035	13A	4670	3000	28	8/14/2017	9/11/2017	17214
4	R035	13A	4790	3000	28	8/14/2017	9/11/2017	17214
4	R110	2	8760	3000	28	8/14/2017	9/11/2017	17504
4	R110	2A	8700	3000	28	8/14/2017	9/11/2017	17504
4	Q375	6	8480	3000	28	8/14/2017	9/11/2017	15592
4	Q375	6A	8420	3000	28	8/14/2017	9/11/2017	15592
4	R065	7	8630	3000	28	8/14/2017	9/11/2017	17322
4	R065	7A	9080	3000	28	8/14/2017	9/11/2017	17322
4	107380	2A	5180	4000	28	8/14/2017	9/11/2017	400000IKX
4	107380	2A	5210	4000	28	8/14/2017	9/11/2017	400000IKX
4.02	Q029	G10A	8530	3000	30	8/14/2017	9/11/2017	17487
4	Q029	G10A	8340	3000	30	8/14/2017	9/11/2017	17487
4	P180	130	5000	3000	31	8/11/2017	9/11/2017	15587
4	P180	130A	4940	3000	31	8/11/2017	9/11/2017	15587
4	R189	7	5160	3000	28	8/11/2017	9/11/2017	17256
4	R189	7A	5590	3000	28	8/11/2017	9/11/2017	17256
4	P247	175	5100	3000	28	8/11/2017	9/11/2017	16655
4	P247	175A	5350	3000	28	8/11/2017	9/11/2017	16655
4.03	M019	154	5120	3000	28	8/11/2017	9/11/2017	17178
4	M019	154A	5480	3000	28	8/11/2017	9/11/2017	17178
4	R044	4	9000	3000	28	8/11/2017	9/11/2017	17465
4	R044	4A	9350	3000	28	8/11/2017	9/11/2017	17465
4	P230	653	5290	4000	28	8/14/2017	9/11/2017	17297
4	P230	653A	5230	4000	28	8/14/2017	9/11/2017	17297
4	117347	12F	3940	4000	5	8/14/2017	9/11/2017	17260
4	117347	12G	3950	4000	5	9/6/2017	9/11/2017	17260
4	Q373	5C	5310	3000	12	8/30/2017	9/11/2017	16122
4.018	Q031	207	5150	3000	28	8/30/2017	9/12/2017	16486
4	Q031	207A	5210	3000	28	8/30/2017	9/12/2017	16486
4	117001	1A	5570	3500	28	8/15/2017	9/12/2017	9400TN
4	117001	1B	5580	3500	28	8/15/2017	9/12/2017	9400TN

4	Q270	7	6400	3000	28	8/15/2017	9/12/2017	17498
4	Q270	7A	6790	3000	28	8/15/2017	9/12/2017	17498
4	M019	155	5380	3000	28	8/15/2017	9/12/2017	17178
4	M019	155A	4390	3000	28	8/15/2017	9/12/2017	17178
4	M950	587	4600	3000	28	8/15/2017	9/12/2017	15521
4	M950	587A	4530	3000	28	8/15/2017	9/12/2017	15521
4.021	123340	3	4550	3000	28	8/15/2017	9/12/2017	17098
4	123340	3A	4990	3000	28	8/15/2017	9/12/2017	17098
4	Q931	6	2140	3000	28	8/15/2017	9/12/2017	17242
4	Q931	6A	2400	3000	28	8/15/2017	9/12/2017	17242
4	R040	11A	5920	3000	28	8/15/2017	9/12/2017	17374
4	R040	11A	6120	3000	28	8/15/2017	9/12/2017	17374
4	Q015	214A	3880	3000	28	8/15/2017	9/12/2017	16573
4	Q015	214A	3980	3000	28	8/15/2017	9/12/2017	16573
4	Q298	10A	5430	3000	28	8/15/2017	9/12/2017	17467
4	Q298	10A	5240	3000	28	8/15/2017	9/12/2017	17467
3.999	R029	2A	5200	3000	28	8/15/2017	9/12/2017	16573
4	R029	2A	5220	3000	28	8/15/2017	9/12/2017	16573
4	R048	54	6690	3000	28	8/15/2017	9/12/2017	16570
4	R048	54A	5820	3000	28	8/15/2017	9/12/2017	16570
4	Q358	35	10060	3000	28	8/15/2017	9/12/2017	17479
4	Q358	35A	9630	3000	28	8/15/2017	9/12/2017	17479
4	Q016	8	5990	3000	28	8/15/2017	9/12/2017	16370
4	Q016	8A	6060	3000	28	8/15/2017	9/12/2017	16370
4	Q076	22A	6820	3000	28	8/15/2017	9/12/2017	16225
4	Q076	22A	7370	3000	28	8/15/2017	9/12/2017	16225
4.012	R064	14A	5370	3000	28	8/15/2017	9/12/2017	17203
4	R064	14A	5270	3000	28	8/15/2017	9/12/2017	17203
4	Q029	97A	5400	4000	28	8/15/2017	9/12/2017	17378
4	Q029	97A	5210	4000	28	8/15/2017	9/12/2017	17378
4	P230	115ARK	12650	8500	28	8/15/2017	9/12/2017	15604
4	P230	115ARK	13590	8500	28	8/15/2017	9/12/2017	15604
4	Q029	G12A	9020	3000	28	8/15/2017	9/12/2017	17487
4	Q029	G12A	7480	3000	28	8/15/2017	9/12/2017	17487
4	R035	14A	6360	3000	28	8/15/2017	9/12/2017	17214
4	R035	14A	6250	3000	28	8/15/2017	9/12/2017	17214
4	P247	178	5690	3000	28	8/15/2017	9/12/2017	16655
4	P247	178A	5790	3000	28	8/15/2017	9/12/2017	16655
4	P247	179	5570	3000	28	8/15/2017	9/12/2017	16655
3.997	P247	179A	5590	3000	28	8/15/2017	9/12/2017	16655
4	P261	22	4620	3000	28	8/15/2017	9/12/2017	17280
4	P261	22A	4790	3000	28	8/15/2017	9/12/2017	17280
4	Q076	97A	6350	3000	28	8/15/2017	9/12/2017	17374
4	Q076	97A	6500	3000	28	8/15/2017	9/12/2017	17374
4	N279	185	4660	3000	28	8/15/2017	9/12/2017	16667
4	N279	185A	4950	3000	28	8/15/2017	9/12/2017	16667
4	Q329	32	6510	3000	28	8/15/2017	9/12/2017	17181
4	Q329	32A	6560	3000	28	8/15/2017	9/12/2017	17181
4	R048	54AR	6310	3000	28	8/15/2017	9/12/2017	16370
4	R048	54AR1	5940	3000	28	8/15/2017	9/12/2017	16370
4	R048	55	6730	3000	28	8/15/2017	9/12/2017	16370
4	R048	55A	6270	3000	28	8/15/2017	9/12/2017	16370

4	Q373	4	7200	4000	28	8/15/2017	9/12/2017	17146
4	Q373	4A	6730	4000	28	8/15/2017	9/12/2017	17146
4.012	Q029	G13A	7650	3000	28	8/16/2017	9/13/2017	17487
4	Q029	G13A	7750	3000	28	8/16/2017	9/13/2017	17487
4	P079	195	5400	3000	28	8/16/2017	9/13/2017	16271
4	P079	195A	5330	3000	28	8/16/2017	9/13/2017	16271
4	N279	186	5470	3000	28	8/16/2017	9/13/2017	17435
4	N279	186A	5410	3000	28	8/16/2017	9/13/2017	17435
4	Q076	23A	7080	3000	28	8/16/2017	9/13/2017	16225
4	Q076	23A	6520	3000	28	8/16/2017	9/13/2017	16225
4	R923	16A	6600	3000	28	8/16/2017	9/13/2017	17132
4	R923	16A	7110	3000	28	8/16/2017	9/13/2017	17132
4.022	Q030	124A	5080	3000	28	8/16/2017	9/13/2017	16455
4	Q030	124A	5240	3000	28	8/16/2017	9/13/2017	16455
4	Q313	7A	6550	3000	28	8/16/2017	9/13/2017	17574
4	Q313	7A	5910	3000	28	8/16/2017	9/13/2017	17574
4	P247	180	5520	3000	28	8/16/2017	9/13/2017	16655
4	P247	180A	5170	3000	28	8/16/2017	9/13/2017	16655
4	Q362	10	6720	3000	28	8/16/2017	9/13/2017	16229
4	Q362	10A	6820	3000	28	8/16/2017	9/13/2017	16229
4	R060	12	4200	3000	28	8/16/2017	9/13/2017	17312
4	R060	12A	4260	3000	28	8/16/2017	9/13/2017	17312
4.025	117363	2	5620	3000	28	8/16/2017	9/13/2017	17490
4	117363	2A	5590	3000	28	8/16/2017	9/13/2017	17490
4	Q931	7	5460	3000	28	8/16/2017	9/13/2017	17242
4	Q931	7A	5230	3000	28	8/16/2017	9/13/2017	17242
4	M019	156	4470	3000	28	8/16/2017	9/13/2017	17178
4	M019	156A	4130	3000	28	8/16/2017	9/13/2017	17178
4	M019	157	4080	3000	28	8/16/2017	9/13/2017	17178
4	M019	157A	7320	3000	28	8/16/2017	9/13/2017	17178
4	P230	654	4740	3000	28	8/16/2017	9/13/2017	16170
4	P230	654A	4770	3000	28	8/16/2017	9/13/2017	16170
4.009	Q015	215A	4110	3000	28	8/16/2017	9/13/2017	16573
4	Q015	215A	4020	3000	28	8/16/2017	9/13/2017	16573
4	Q375	10-D	4860	3000	14	8/30/2017	9/13/2017	15521
4	Q375	10-E	4740	3000	14	8/30/2017	9/13/2017	15521
4	117347	12B	3990	4000	7	8/30/2017	9/13/2017	17260
4	117347	12C	4150	4000	7	8/30/2017	9/13/2017	17260
4	Q373	5D	5320	3000	14	8/30/2017	9/13/2017	16122
3.991	P922	66	4620	3000	35	8/10/2017	9/13/2017	16616
4	P922	66A	4720	3000	35	8/10/2017	9/13/2017	16616
4	P922	67	4210	3000	35	8/10/2017	9/13/2017	16086
4	P922	67A	4250	3000	35	8/10/2017	9/13/2017	16086
4	P922	68	5380	3000	33	8/11/2017	9/13/2017	16616
4	P922	68A	6180	3000	33	8/11/2017	9/13/2017	16616
4	P922	69	5890	3000	29	8/15/2017	9/13/2017	16086
4	P922	69A	5770	3000	29	8/15/2017	9/13/2017	16086
4	P922	70	6290	3000	28	8/15/2017	9/13/2017	16616
4	P922	70A	6000	3000	28	8/15/2017	9/13/2017	16616
4	P922	71	5300	3000	28	8/17/2017	9/14/2017	16616
4	P922	71A	5470	3000	28	8/17/2017	9/14/2017	16616
4	P929	74	4920	4000	28	8/17/2017	9/14/2017	16547

4	P929	74A	4810	4000	28	8/17/2017	9/14/2017	16547
4	P929	73	4800	4000	28	8/17/2017	9/14/2017	16547
4	P929	73A	4860	4000	28	8/17/2017	9/14/2017	16547
4	117001	3	5470	3000	28	8/17/2017	9/14/2017	9400TN
4	117001	3A	5350	3000	28	8/17/2017	9/14/2017	9400TN
4	117363	3	5540	3000	28	8/17/2017	9/14/2017	17490
4.024	117363	3A	5190	3000	28	8/17/2017	9/14/2017	17490
4	N279	187	5320	3000	28	8/17/2017	9/14/2017	17435
4	N279	187A	5010	3000	28	8/17/2017	9/14/2017	17435
4	M089	149A	5800	3000	28	8/17/2017	9/14/2017	17285
4	M089	149A	5640	3000	28	8/17/2017	9/14/2017	17285
4	R029	3A	4540	3000	28	8/17/2017	9/14/2017	16573
4	R029	3A	4390	3000	28	8/17/2017	9/14/2017	16573
4.026	Q015	216A	4340	3000	28	8/17/2017	9/14/2017	16573
4	Q015	216A	4650	3000	28	8/17/2017	9/14/2017	16573
4	M950	590	5170	3000	28	8/17/2017	9/14/2017	155521
4	M950	590A	5300	3000	28	8/17/2017	9/14/2017	155521
4	M950	589	4900	3000	28	8/17/2017	9/14/2017	155521
4	M950	589A	4960	3000	28	8/17/2017	9/14/2017	155521
4	P180	131	4850	3000	28	8/17/2017	9/14/2017	15587
4	P180	131A	4810	3000	28	8/17/2017	9/14/2017	15587
4	Q031	208	5420	3000	28	8/17/2017	9/14/2017	16486
4	Q031	208A	5490	3000	28	8/17/2017	9/14/2017	16486
4	Q031	209	5820	3000	28	8/17/2017	9/14/2017	16486
4	Q031	209A	5740	3000	28	8/17/2017	9/14/2017	16486
4.0135	R048	58	6800	3000	28	8/17/2017	9/14/2017	16370
4	R048	58A	6760	3000	28	8/17/2017	9/14/2017	16370
4	R048	57	5400	3000	28	8/17/2017	9/14/2017	16370
4	R048	57A	5230	3000	28	8/17/2017	9/14/2017	16370
4	R048	56	5780	3000	28	8/17/2017	9/14/2017	16370
4	R048	56A	5990	3000	28	8/17/2017	9/14/2017	16370
4	Q357	22	3700	3000	28	8/17/2017	9/14/2017	16440
4	Q357	22A	4070	3000	28	8/17/2017	9/14/2017	16440
4	R048	56AR	5140	3000	28	8/17/2017	9/14/2017	16370
4	R048	56AR1	5430	3000	28	8/17/2017	9/14/2017	16370
4	N383	43	5530	3000	28	8/17/2017	9/14/2017	16667
4	N383	43A	5570	3000	28	8/17/2017	9/14/2017	16667
4	Q076	24A	7070	3000	28	8/17/2017	9/14/2017	16225
4	Q076	24A	7270	3000	28	8/17/2017	9/14/2017	16225
4	111351	20A	4540	3000	28	8/17/2017	9/14/2017	17291
4	111351	20A	4640	3000	28	8/17/2017	9/14/2017	17291
4	111351	1A20Z	4380	3000	28	8/17/2017	9/14/2017	17291
4	111351	1A20Z	4670	3000	28	8/17/2017	9/14/2017	17291
4	Q329	33	6410	3000	28	8/17/2017	9/14/2017	17181
4	Q329	33A	6570	3000	28	8/17/2017	9/14/2017	17181
4.038	Q029	G14A	8740	3000	28	8/17/2017	9/14/2017	17487
4	Q029	G14A	8360	3000	28	8/17/2017	9/14/2017	17487
4	Q940	5	5430	4000	28	8/17/2017	9/14/2017	17247
4.006	Q940	5A	5270	4000	28	8/17/2017	9/14/2017	17247
4	Q318	11A	5480	3000	28	8/17/2017	9/14/2017	17085
4	Q318	11A	4150	3000	28	8/17/2017	9/14/2017	17085
4	P079	196	4720	3000	28	8/17/2017	9/14/2017	16271

4	P079	196A	4450	3000	28	8/17/2017	9/14/2017	16271
4	R066	3ARK	10260	3000	28	8/17/2017	9/14/2017	17434
4	R066	3ARK	13460	3000	28	8/17/2017	9/14/2017	17434
4	Q346	R5	4500	3000	28	8/17/2017	9/14/2017	17458
4	Q346	R5A	4280	3000	28	8/17/2017	9/14/2017	17458
4	Q375	7	7870	3000	28	8/17/2017	9/14/2017	15592
4	Q375	7A	7430	3000	28	8/17/2017	9/14/2017	15592
4	Q016	9	5170	3000	28	8/17/2017	9/14/2017	16370
4	Q016	9A	5910	3000	28	8/17/2017	9/14/2017	16370
6	117347	11D	4660	4000	14	8/31/2017	9/14/2017	17260
6	117347	11E	4690	4000	14	8/31/2017	9/14/2017	17260
4	Q292	15	6690	3000	35	8/10/2017	9/14/2017	17329
4	Q292	15A	6460	3000	35	8/10/2017	9/14/2017	17329
4	R048	9	560	4000	2HR	9/14/2017	9/14/2017	17508
4	R048	9A	560	4000	2HR	9/14/2017	9/14/2017	17508
4	R048	13	470	4000	2HR	9/14/2017	9/14/2017	17508
4	R048	13A	530	4000	2HR	9/14/2017	9/14/2017	17508
4	R048	10	3510	4000	4HR	9/14/2017	9/14/2017	17508
4	R048	10A	3440	4000	4HR	9/14/2017	9/14/2017	17508
4	R048	14	2990	4000	4HR	9/14/2017	9/14/2017	17508
4	R048	14A	3200	4000	4HR	9/14/2017	9/14/2017	17508
4	R048	11	3770	4000	6hr	9/14/2017	9/14/2017	17508
4	R048	11A	3920	4000	6hr	9/14/2017	9/14/2017	17508
4	R048	15	3920	4000	6hr	9/14/2017	9/14/2017	17508
4	R048	15A	3690	4000	6hr	9/14/2017	9/14/2017	17508
4	CNR048	16	2280	4000	8HR	9/14/2017	9/14/2017	17508
4	CNR048	16A	4520	4000	8HR	9/14/2017	9/14/2017	17508
4	CNR048	12	4910	4000	8HR	9/14/2017	9/14/2017	17508
4	CNR048	12A	4940	4000	8HR	9/14/2017	9/14/2017	17508
4	R010	1A	6940	3000	18HR	9/15/2017	9/15/2017	16645
4	R010	1B	6870	3000	18HR	9/15/2017	9/15/2017	16645
4	P922	72	4900	3000	28	8/18/2017	9/15/2017	16616
4	P922	72A	4860	3000	28	8/18/2017	9/15/2017	16616
4	P033	1A	4110	3000	28	8/18/2017	9/15/2017	15299
4	P033	1A	5620	3000	28	8/18/2017	9/15/2017	15299
4	Q076	25A	6970	3000	28	8/18/2017	9/15/2017	16225
4	Q076	25A	6980	3000	28	8/18/2017	9/15/2017	16225
4	Q030	125A	4420	3000	28	8/18/2017	9/15/2017	16455
4	Q030	125A	4490	3000	28	8/18/2017	9/15/2017	16455
4	Q136	1	5240	3000	28	8/18/2017	9/15/2017	16130
4	Q136	1A	4990	3000	28	8/18/2017	9/15/2017	16130
4	R012	1	5830	3000	28	8/18/2017	9/15/2017	16608
4	R012	1A	6070	3000	28	8/18/2017	9/15/2017	16608
4	R040	12A	4600	3000	28	8/18/2017	9/15/2017	17374
4	R040	12A	4760	3000	28	8/18/2017	9/15/2017	17374
4	Q931	8	5930	3000	28	8/18/2017	9/15/2017	17242
4	Q931	8A	5450	3000	28	8/18/2017	9/15/2017	17242
4	Q375	8	6450	3000	28	8/18/2017	9/15/2017	15592
4	Q375	8A	6150	3000	28	8/18/2017	9/15/2017	15592
4	Q234	3B	3600	3000	7	9/8/2017	9/15/2017	16370
4	Q234	3C	3500	3000	7	9/8/2017	9/15/2017	16370
4	Q373	6B	4300	3000	7	9/8/2017	9/15/2017	16122

4	R004	2D	5820	3500	28	8/18/2017	9/15/2017	17422
4	R004	2E	5940	3500	28	8/18/2017	9/15/2017	17422
4	M950	591	5650	3000	28	8/18/2017	9/15/2017	15520
4	M950	591A	5320	3000	28	8/18/2017	9/15/2017	15520
4	R198	8	6560	3000	28	8/18/2017	9/15/2017	?
4	R198	8A	6970	3000	28	8/18/2017	9/15/2017	?
4	N279	188	4540	3000	28	8/18/2017	9/15/2017	16667
4	N279	188A	4850	3000	28	8/18/2017	9/15/2017	16667
4	Q329	34	5970	3000	28	8/18/2017	9/15/2017	17181
4	Q329	34A	5710	3000	28	8/18/2017	9/15/2017	17181
4	P230	116ARK	14320	?	28	8/18/2017	9/15/2017	15604
4	P230	116ARK	15090	?	28	8/18/2017	9/15/2017	15604
4	R013	11	4520	3000	28	8/18/2017	9/15/2017	17274
4	R013	11A	4280	3000	28	8/18/2017	9/15/2017	17274
4	Q308	8A	5140	3000	28	8/18/2017	9/15/2017	17202
4	Q308	8A	5530	3000	28	8/18/2017	9/15/2017	17202
4	Q308	9A	5400	3000	28	8/18/2017	9/15/2017	17202
4	Q308	9A	5140	3000	28	8/18/2017	9/15/2017	17202
4	Q076	98A	4980	3000	28	8/18/2017	9/15/2017	17374
4	Q076	98A	5150	3000	28	8/18/2017	9/15/2017	17374
4	Q136	2	4980	3000	28	8/18/2017	9/15/2017	16130
4	Q136	2A	4980	3000	28	8/18/2017	9/15/2017	16130
4	BRIDGE GRANT	1ARB	11100	5500	15	8/31/2017	9/15/2017	17509
4	BRIDGE GRANT	1ARB	11190	5500	15	8/31/2017	9/15/2017	17509
4	BRIDGE GRANT	2ARB	9190	5500	8	9/7/2017	9/15/2017	17509
4	BRIDGE GRANT	2ARB	9290	5500	8	9/7/2017	9/15/2017	17509