



Certificate of Compliance

This certificate is issued for the following:

**CENTRIFUGAL FIRE PUMPS
(HORIZONTAL, END-SUCTION TYPE)**

Prepared for:

**S.A. Armstrong Ltd.
23 Bertrand Ave
Scarborough, Ontario M1L2P3
Canada**

FM Approvals Class: 1319

The pumps listed herein are FM Approved as of December 17, 2013

To verify the future Approval status of these products, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in black ink, appearing to read 'Richard B. Dunne', is written over a white rectangular background.

Richard B. Dunne
Group Manager-Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062

December 17, 2013

Date



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Product	Rated Capacity, (gal/min)	Rated Capacity, (dm ³ /min)	Rated Net Head at Rated Capacity, psi	Rated Net Head at Rated Capacity, kPa	Rated Speed, r/min
4x3x8.5FM	250	945	42-71	290-489	2600
4x3x8.5FM	250	945	45-92	310-634	2945
4x3x8.5FM	250	945	47-96	324-661	3000
4x3x8.5FM	250	945	57-136	393-937	3560
4x3x8.5FM	300	1135	41-70	283-483	2600
4x3x8.5FM	300	1135	44-91	303-627	2945
4x3x8.5	300	1135	45-95	310-655	3000
4x3x8.5FM	300	1135	55-135	379-930	3560
5x4x11.5FM	300	1135	41-58	283-400	1780
4x3-13FM	300	1135	70-135	485-930	2350
4x3-13FM	300	1135	88-167	605-1150	2600
4x3-13FM	300	1135	114-212	785-1460	2945
4x3-13FM	300	1135	119-222	820-1530	3000
5x4x11.5FM	350	1325	40-57	276-393	1780
5x4x11.5FM	350	1325	68-102	469-703	2350
4x3x8.5FM	400	1515	46-67	317-462	2600
4x3x8.5FM	400	1515	49-88	337-606	2945
4x3x8.5FM	400	1515	49-132	337-910	3560
4x3x8.5FM	400	1515	51-91	351-627	3000
5x4x11.5FM	400	1515	40-57	276-393	1780
4x3-13FM	400	1515	65-132	450-910	2350
4x3-13FM	400	1515	82-162	565-1115	2600
5x4x11.5FM	400	1515	68-101	469-696	2350
4x3-13FM	400	1515	109-211	750-1455	2945
4x3-13FM	400	1515	113-220	780-1515	3000
5x4x11.5FM	450	1705	41-56	283-386	1780
4x3x8.5FM	450	1705	60-85	413-586	2945
4x3x8.5FM	450	1705	62-89	427-613	3000
4x3x8.5FM	450	1705	76-130	524-896	3560
4x3-13FM	450	1705	79-160	545-1105	2600
5x4x11.5FM	450	1705	67-100	462-690	2350
4x3-13FM	450	1705	106-206	730-1420	2945
4x3-13FM	450	1705	110-218	760-1508	3000
8x5x11.5FM	500	1895	40-52	276-359	1780



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5x4x11.5FM	500	1895	40-55	276-379	1780
8x5x11.5FM	500	1895	49-73	338-503	2100
5x4x11.5FM	500	1895	52-78	359-538	2100
4x3-13FM	500	1895	87-158	600-1090	2600
4x3x8.5FM	500	1895	91-127	627-875	3560
8x5x11.5FM	500	1895	63-93	434-641	2350
5x4x11.5FM	500	1895	67-99	462-683	2350
4x3-13FM	500	1895	101-207	695-1425	2945
4x3-13FM	500	1895	105-215	725-1480	3000
5x4x11.5FM	500	1895	83-123	572-848	2600
5x4x11.5FM	500	1895	97-143	669-986	2800
5x4x11.5FM	500	1895	107-158	738-1089	2945
5x4x11.5FM	500	1895	111-164	765-1131	3000
5x4x11.5FM	500	1895	158-177	1089-1220	3560
8x5x11.5FM	750	2840	40-50	276-345	1780
8x5x11.5FM	750	2840	46-72	317-496	2100
5x4x11.5FM	750	2840	54-73	372-503	2100
8x5x11.5FM	750	2840	60-91	414-627	2350
5x4x11.5FM	750	2840	60-94	414-648	2350
8x5x11.5FM	750	2840	73-112	503-772	2600
5x4x11.5FM	750	2840	77-118	531-814	2600
8x5x11.5FM	750	2840	86-131	593-903	2800
5x4x11.5FM	750	2840	91-138	627-952	2800
8x5x11.5FM	750	2840	96-145	662-1000	2945
8x5x11.5FM	750	2840	100-151	690-1041	3000
5x4x11.5FM	750	2840	102-154	703-1062	2945
4x3-13FM	750	2840	154-190	1060-1310	2945
5x4x11.5FM	750	2840	106-160	731-1103	3000
4x3-13FM	750	2840	160-200	1105-1380	3000
5x4x11.5FM	750	2840	154-172	1062-1186	3560
8x5x11.5FM	1000	3780	55-88	379-607	2350
8x5x11.5FM	1000	3780	69-110	475-758	2600
5x4x11.5FM	1000	3785	95-110	655-758	2600
8x5x11.5FM	1000	3780	82-129	565-889	2800
5x4x11.5FM	1000	3785	97-131	669-903	2800
8x5x11.5FM	1000	3780	92-143	634-986	2945
5x4x11.5FM	1000	3785	98-147	676-1013	2945



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8x5x11.5FM	1000	3780	96-149	662-1027	3000
5x4x11.5FM	1000	3785	96-153	662-1055	3000
5x4x11.5FM	1000	3780	146-163	1007-1124	3560
8x5x11.5FM	1250	4730	84-105	579-724	2600
8x5x11.5FM	1250	4730	92-125	634-862	2800
8x5x11.5FM	1250	4730	86-140	593-965	2945
8x5x11.5FM	1250	4730	90-145	621-1000	3000
8x5x11.5FM	1500	5680	112-133	772-917	2945
8x5x11.5FM	1500	5680	118-139	814-958	3000
6x5x13FM	400	1515	45-79	310-545	1780
6x5x13FM	450	1705	45-79	310-545	1780
6x5x13FM	500	1895	44-78	305-540	1780
6x5x13FM	750	2840	41-76	285-525	1780
6x5x13FM	400	1515	64-111	440-765	2100
6x5x13FM	450	1705	63-110	435-760	2100
6x5x13FM	500	1895	63-110	435-760	2100
6x5x13FM	750	2840	59-107	405-740	2100
6x5x13FM	1000	3785	53-103	365-710	2100
6x5x13FM	400	1515	98-172	675-1185	2600
6x5x13FM	450	1705	98-171	675-1180	2600
6x5x13FM	500	1895	97-170	670-1170	2600
6x5x13FM	750	2840	94-167	650-1150	2600
6x5x13FM	1000	3785	88-163	605-1125	2600
6x5x13FM	1250	4730	81-158	560-1090	2600
6x5x13FM	400	1515	120-175	825-1205	2945
6x5x13FM	450	1705	120-174	825-1200	2945
6x5x13FM	500	1895	120-174	825-1200	2945
6x5x13FM	750	2840	119-172	820-1185	2945
6x5x13FM	1000	3785	116-168	800-1160	2945
6x5x13FM	1250	4730	110-162	760-1115	2945
8x6x13FM	1000	3785	57-99	395-685	2100
8x6x13FM	1250	4730	54-96	370-660	2100
8x6x13FM	1000	3785	90-154	620-1060	2600
8x6x13FM	1250	4730	87-151	600-1040	2600
8x6x13FM	1500	5680	83-147	570-1015	2600
8x6x13FM	1000	3785	116-159	800-1095	2945
8x6x13FM	1250	4730	114-156	785-1075	2945



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8x6x13FM	1500	5680	110-152	760-1050	2945
8x6x13FM	1750	6625	106-147	730-1015	2945



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