



EVERSAFE EXTINGUISHER SDN BHD (053162-V)

Lot 878 Jalan Subang 9, Taman Perindustrian Subang, 47500 Subang Jaya, Selangor Darul Ehsan, Malaysia

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Website : www.eversafe.net Facebook : www.facebook.com/eversafe-extinguisher

Date: 5 Jan 2019
Ref: SR/2019-01-A

"WITHOUT PREJUDICE"

SERVICE RECOMMENDATION NOTICE

It was brought to our attention that there were recent reports and feedbacks on detection of defective internal lining of Brude brand foam and water stored pressure type fire extinguishers. Based on preliminary findings, the affected fire extinguishers are averagely more than 5 years old. The affected fire extinguishers found with such nature could be caused by inconsistent pre-heating during coating process. When pre-heat temperature of the cylinder does not fall within the desired range, it could cause bubbles or pitting on the surface of internal cylinder lining.

That being said there are other concerning factors involved such as servicing procedure from past years, location of the fire extinguisher is placed and etc.

Though root cause is not conclusively investigated, the following immediate actions have been initiated in relation to the pre-heating process as preventive measure:-

1. Replaced gas control equipment for pre-heating process to obtain better regulated gas flow to ensure consistent firing at all time during the process. Consistent firing provides better controlled of cylinder temperature before commencing coating process.
2. Established more regular service to clean off burner from any blockage.
3. Established 100% check to detect any pinholes or uncoated surface of internal lining using Holiday DC detector.
4. Established a Visual Inspection Criteria for internal lining (refer Annex A2) as guideline to identify defective internal lining surface, if any. Cylinder found with faulty / defective linings shall be rejected & isolated for further investigation.

Based on feedback of the affected fire extinguishers, Eversafe compiled a list of serial numbers of fire extinguisher batches which could be affected – refer Annex A1. It is to be noted that this is an isolated case which confined only to mentioned production batch in Annex A1.

Product Approvals :





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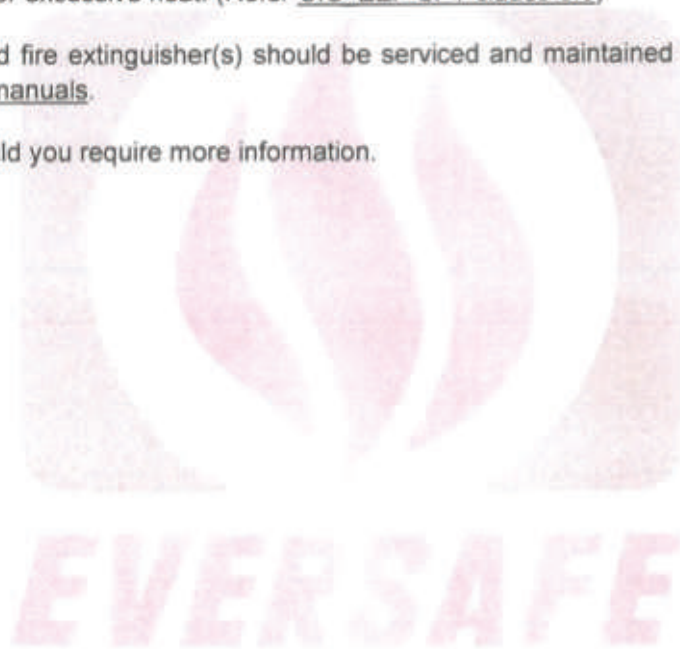
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Eversafe's recommendation as immediate actions to this matter as follows:-

- a) Any Brude brand fire extinguisher(s), in particular mentioned in Annex A1, due for extended service (every 5 years) and found with corrosion, dents, cuts and damage of internal lining shall be removed from usage immediately. (Refer OIS EEF SPT clause 8.3)
- b) Visual inspection criteria for internal lining (refer Annex A2) is provided as checking guideline and illustration for situations highlighted in point (a). The visual inspection must be carried out using an inspection light with flexible arm to ensure clear viewing of the internal lining, as for the shoulder part of the cylinder with the assistance of a dental mirror instrument.
- c) Any Brude brand fire extinguisher(s) should undergo basic service (every 1 year) using only spare parts and recharge materials as specified by the manufacturer.
- d) All Brude brand fire extinguisher(s) shall NOT be placed in location which might be exposed to direct sunlight or excessive heat. (Refer OIS EEF SPT clause 5.3)
- e) All Brude brand fire extinguisher(s) should be serviced and maintained strictly in accordance to Eversafe OIS manuals.

Please contact us should you require more information.



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ANNEX A1

Certificate No. : CEWM/13/PFE/105

Model : EEF-9s

Quantity : 400 Units

NO.	SERIAL NO.	NO.	SERIAL NO.	NO.	SERIAL NO.	NO.	SERIAL NO.
1	0113-508372	43	0413-551359	85	0413-551418	127	0413-551494
2	0213-508644	44	0413-551360	86	0413-551419	128	0413-551495
3	0213-534142	45	0413-551361	87	0413-551423	129	0413-551496
4	0213-534349	46	0413-551362	88	0413-551426	130	0413-551497
5	0213-542157	47	0413-551364	89	0413-551427	131	0413-551498
6	0313-541691	48	0413-551366	90	0413-551429	132	0413-551499
7	0313-541711	49	0413-551367	91	0413-551430	133	0413-551500
8	0313-541716	50	0413-551369	92	0413-551431	134	0413-551501
9	0313-541749	51	0413-551371	93	0413-551433	135	0413-551502
10	0313-541787	52	0413-551373	94	0413-551434	136	0413-551503
11	0313-541794	53	0413-551375	95	0413-551440	137	0413-551505
12	0313-541851	54	0413-551376	96	0413-551442	138	0413-551506
13	0313-541934	55	0413-551377	97	0413-551443	139	0413-551507
14	0313-541972	56	0413-551380	98	0413-551444	140	0413-551510
15	0313-541995	57	0413-551381	99	0413-551445	141	0413-551511
16	0313-542038	58	0413-551382	100	0413-551446	142	0413-551512
17	0313-542057	59	0413-551383	101	0413-551447	143	0413-551513
18	0313-542080	60	0413-551384	102	0413-551448	144	0413-551514
19	0313-542103	61	0413-551385	103	0413-551449	145	0413-551515
20	0313-542129	62	0413-551386	104	0413-551451	146	0413-551516
21	0313-542158	63	0413-551387	105	0413-551454	147	0413-551517
22	0313-551426	64	0413-551388	106	0413-551458	148	0413-551520
23	0313-551456	65	0413-551389	107	0413-551459	149	0413-551521
24	0313-551528	66	0413-551390	108	0413-551464	150	0413-551521
25	0313-551651	67	0413-551391	109	0413-551467	151	0413-551522
26	0313-551740	68	0413-551392	110	0413-551468	152	0413-551523
27	0313-551746	69	0413-551393	111	0413-551469	153	0413-551524
28	0313-551751	70	0413-551394	112	0413-551470	154	0413-551525
29	0313-551762	71	0413-551395	113	0413-551471	155	0413-551526
30	0313-551776	72	0413-551396	114	0413-551474	156	0413-551527
31	0413-551208	73	0413-551397	115	0413-551475	157	0413-551528
32	0413-551272	74	0413-551398	116	0413-551477	158	0413-551529
33	0413-551278	75	0413-551400	117	0413-551478	159	0413-551530
34	0413-551332	76	0413-551401	118	0413-551481	160	0413-551531
35	0413-551349	77	0413-551402	119	0413-551482	161	0413-551532
36	0413-551351	78	0413-551403	120	0413-551484	162	0413-551534
37	0413-551352	79	0413-551405	121	0413-551485	163	0413-551536
38	0413-551353	80	0413-551406	122	0413-551487	164	0413-551537
39	0413-551354	81	0413-551409	123	0413-551489	165	0413-551539
40	0413-551355	82	0413-551410	124	0413-551490	166	0413-551541
41	0413-551356	83	0413-551412	125	0413-551492	167	0413-551542
42	0413-551357	84	0413-551417	126	0413-551493	168	0413-551543

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NO.	SERIAL NO.	NO.	SERIAL NO.	NO.	SERIAL NO.	NO.	SERIAL NO.
169	0413-551544	211	0413-551600	253	0413-551653	295	0413-551718
170	0413-551545	212	0413-551601	254	0413-551654	296	0413-551720
171	0413-551546	213	0413-551603	255	0413-551656	297	0413-551721
172	0413-551547	214	0413-551604	256	0413-551659	298	0413-551722
173	0413-551549	215	0413-551605	257	0413-551660	299	0413-551723
174	0413-551550	216	0413-551606	258	0413-551661	300	0413-551726
175	0413-551551	217	0413-551609	259	0413-551662	301	0413-551727
176	0413-551552	218	0413-551610	260	0413-551664	302	0413-551728
177	0413-551553	219	0413-551611	261	0413-551665	303	0413-551729
178	0413-551554	220	0413-551612	262	0413-551667	304	0413-551730
179	0413-551555	221	0413-551616	263	0413-551669	305	0413-551732
180	0413-551556	222	0413-551617	264	0413-551670	306	0413-551733
181	0413-551558	223	0413-551618	265	0413-551671	307	0413-551734
182	0413-551559	224	0413-551619	266	0413-551672	308	0413-551735
183	0413-551560	225	0413-551620	267	0413-551673	309	0413-551736
184	0413-551561	226	0413-551621	268	0413-551675	310	0413-551738
185	0413-551562	227	0413-551622	269	0413-551676	311	0413-551739
186	0413-551567	228	0413-551623	270	0413-551677	312	0413-551740
187	0413-551568	229	0413-551624	271	0413-551678	313	0413-551741
188	0413-551569	230	0413-551625	272	0413-551680	314	0413-551743
189	0413-551570	231	0413-551626	273	0413-551681	315	0413-551744
190	0413-551571	232	0413-551627	274	0413-551682	316	0413-551746
191	0413-551572	233	0413-551629	275	0413-551687	317	0413-551747
192	0413-551573	234	0413-551630	276	0413-551690	318	0413-551750
193	0413-551574	235	0413-551631	277	0413-551691	319	0413-551751
194	0413-551577	236	0413-551632	278	0413-551692	320	0413-551755
195	0413-551578	237	0413-551633	279	0413-551694	321	0413-551756
196	0413-551579	238	0413-551634	280	0413-551695	322	0413-551758
197	0413-551580	239	0413-551635	281	0413-551696	323	0413-551759
198	0413-551581	240	0413-551636	282	0413-551697	324	0413-551763
199	0413-551584	241	0413-551637	283	0413-551698	325	0413-551765
200	0413-551585	242	0413-551638	284	0413-551703	326	0413-551767
201	0413-551587	243	0413-551641	285	0413-551705	327	0413-551769
202	0413-551588	244	0413-551642	286	0413-551707	328	0413-551771
203	0413-551589	245	0413-551643	287	0413-551708	329	0413-551772
204	0413-551590	246	0413-551645	288	0413-551709	330	0413-551773
205	0413-551591	247	0413-551646	289	0413-551710	331	0413-551775
206	0413-551592	248	0413-551647	290	0413-551711	332	0413-551776
207	0413-551593	249	0413-551648	291	0413-551713	333	0413-551779
208	0413-551595	250	0413-551649	292	0413-551714	334	0413-551781
209	0413-551597	251	0413-551651	293	0413-551716	335	0413-551783
210	0413-551599	252	0413-551652	294	0413-551717	336	0413-551784

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337	0413-551785	353	0413-551809	369	0413-551833	385	0513-557277
338	0413-551787	354	0413-551810	370	0413-551834	386	0513-557284
339	0413-551788	355	0413-551811	371	0413-551835	387	0513-557288
340	0413-551789	356	0413-551812	372	0413-551836	388	0513-557292
341	0413-551790	357	0413-551814	373	0413-551837	389	0513-557325
342	0413-551792	358	0413-551816	374	0413-551838	390	0513-557327
343	0413-551794	359	0413-551817	375	0413-551839	391	0513-557334
344	0413-551796	360	0413-551819	376	0413-551840	392	0513-557336
345	0413-551797	361	0413-551820	377	0413-551842	393	0513-557341
346	0413-551798	362	0413-551823	378	0413-551843	394	0513-557346
347	0413-551800	363	0413-551824	379	0413-551844	395	0513-557348
348	0413-551801	364	0413-551825	380	0413-551845	396	0513-557352
349	0413-551803	365	0413-551826	381	0413-551847	397	0513-557355
350	0413-551804	366	0413-551827	382	0413-557323	398	0513-557359
351	0413-551806	367	0413-551829	383	0513-557226	399	0513-557364
352	0413-551807	368	0413-551832	384	0513-557236	400	0513-557399



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Certificate No. : CEWM/13/PFE/202

Model : EEF-9s
Quantity : 332 Units

NO.	SERIAL NO.	NO.	SERIAL NO.	NO.	SERIAL NO.	NO.	SERIAL NO.
1	0713-580099	43	0813-596671	85	0813-596898	127	0813-596969
2	0713-596895	44	0813-596678	86	0813-596899	128	0813-596970
3	0713-596975	45	0813-596679	87	0813-596900	129	0813-596971
4	0713-602278	46	0813-596684	88	0813-596901	130	0813-596976
5	0713-602303	47	0813-596688	89	0813-596902	131	0813-596977
6	0813-596485	48	0813-596694	90	0813-596904	132	0813-596978
7	0813-596499	49	0813-596695	91	0813-596906	133	0813-601581
8	0813-596509	50	0813-596697	92	0813-596907	134	0813-601967
9	0813-596511	51	0813-596700	93	0813-596910	135	0813-601985
10	0813-596512	52	0813-596705	94	0813-596911	136	0813-601988
11	0813-596518	53	0813-596707	95	0813-596915	137	0813-601990
12	0813-596548	54	0813-596713	96	0813-596921	138	0813-601992
13	0813-596554	55	0813-596714	97	0813-596922	139	0813-601993
14	0813-596564	56	0813-596717	98	0813-596923	140	0813-601995
15	0813-596583	57	0813-596721	99	0813-596926	141	0813-601996
16	0813-596597	58	0813-596723	100	0813-596928	142	0813-601997
17	0813-596609	59	0813-596725	101	0813-596930	143	0813-601998
18	0813-596610	60	0813-596727	102	0813-596933	144	0813-601999
19	0813-596619	61	0813-596729	103	0813-596934	145	0813-602000
20	0813-596621	62	0813-596736	104	0813-596935	146	0813-602001
21	0813-596622	63	0813-596739	105	0813-596936	147	0813-602002
22	0813-596626	64	0813-596755	106	0813-596937	148	0813-602005
23	0813-596628	65	0813-596792	107	0813-596938	149	0813-602006
24	0813-596633	66	0813-596823	108	0813-596939	150	0813-602007
25	0813-596634	67	0813-596825	109	0813-596943	151	0813-602008
26	0813-596636	68	0813-596827	110	0813-596945	152	0813-602009
27	0813-596637	69	0813-596847	111	0813-596947	153	0813-602010
28	0813-596640	70	0813-596855	112	0813-596950	154	0813-602011
29	0813-596641	71	0813-596869	113	0813-596951	155	0813-602012
30	0813-596642	72	0813-596873	114	0813-596952	156	0813-602013
31	0813-596647	73	0813-596874	115	0813-596953	157	0813-602014
32	0813-596649	74	0813-596879	116	0813-596954	158	0813-602015
33	0813-596650	75	0813-596885	117	0813-596956	159	0813-602016
34	0813-596652	76	0813-596886	118	0813-596957	160	0813-602017
35	0813-596656	77	0813-596887	119	0813-596958	161	0813-602018
36	0813-596657	78	0813-596888	120	0813-596959	162	0813-602020
37	0813-596659	79	0813-596889	121	0813-596960	163	0813-602022
38	0813-596663	80	0813-596890	122	0813-596962	164	0813-602023
39	0813-596665	81	0813-596891	123	0813-596963	165	0813-602025
40	0813-596667	82	0813-596893	124	0813-596966	166	0813-602037
41	0813-596668	83	0813-596894	125	0813-596967	167	0813-602038
42	0813-596669	84	0813-596896	126	0813-596968	168	0813-602039

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NO.	SERIAL NO.	NO.	SERIAL NO.	NO.	SERIAL NO.	NO.	SERIAL NO.
169	0813-602040	210	0813-602119	251	0813-602177	292	0813-602310
170	0813-602045	211	0813-602120	252	0813-602178	293	0813-602314
171	0813-602046	212	0813-602124	253	0813-602179	294	0813-602316
172	0813-602047	213	0813-602125	254	0813-602180	295	0813-602322
173	0813-602048	214	0813-602129	255	0813-602181	296	0813-602324
174	0813-602050	215	0813-602130	256	0813-602183	297	0813-602342
175	0813-602055	216	0813-602135	257	0813-602190	298	0813-602347
176	0813-602057	217	0813-602136	258	0813-602192	299	0813-602371
177	0813-602060	218	0813-602137	259	0813-602196	300	0813-602383
178	0813-602068	219	0813-602138	260	0813-602200	301	0813-602385
179	0813-602072	220	0813-602139	261	0813-602201	302	0813-602389
180	0813-602074	221	0813-602142	262	0813-602202	303	0813-602390
181	0813-602075	222	0813-602143	263	0813-602213	304	0813-602396
182	0813-602076	223	0813-602145	264	0813-602226	305	0813-602400
183	0813-602077	224	0813-602146	265	0813-602233	306	0813-602401
184	0813-602078	225	0813-602147	266	0813-602261	307	0813-602402
185	0813-602079	226	0813-602148	267	0813-602263	308	0813-602403
186	0813-602080	227	0813-602149	268	0813-602264	309	0813-602404
187	0813-602081	228	0813-602150	269	0813-602266	310	0813-602405
188	0813-602082	229	0813-602151	270	0813-602267	311	0813-602406
189	0813-602083	230	0813-602152	271	0813-602275	312	0813-602407
190	0813-602084	231	0813-602153	272	0813-602276	313	0813-602408
191	0813-602085	232	0813-602154	273	0813-602277	314	0813-602409
192	0813-602086	233	0813-602155	274	0813-602280	315	0813-602410
193	0813-602087	234	0813-602157	275	0813-602281	316	0813-602411
194	0813-602088	235	0813-602158	276	0813-602282	317	0813-602413
195	0813-602089	236	0813-602160	277	0813-602283	318	0813-602414
196	0813-602090	237	0813-602161	278	0813-602285	319	0813-602415
197	0813-602091	238	0813-602162	279	0813-602286	320	0813-602416
198	0813-602092	239	0813-602163	280	0813-602287	321	0813-602419
199	0813-602093	240	0813-602165	281	0813-602288	322	0813-602420
200	0813-602094	241	0813-602166	282	0813-602289	323	0813-602421
201	0813-602095	242	0813-602167	283	0813-602291	324	0813-602429
202	0813-602097	243	0813-602168	284	0813-602292	325	0813-602441
203	0813-602098	244	0813-602170	285	0813-602293	326	0813-602456
204	0813-602099	245	0813-602171	286	0813-602294	327	0813-602457
205	0813-602100	246	0813-602172	287	0813-602295	328	0813-602458
206	0813-602101	247	0813-602173	288	0813-602299	329	0813-602472
207	0813-602102	248	0813-602174	289	0813-602300	330	0813-602474
208	0813-602106	249	0813-602175	290	0813-602302	331	0813-602477
209	0813-602116	250	0813-602176	291	0813-602303	332	0813-602479

Product Approvals :





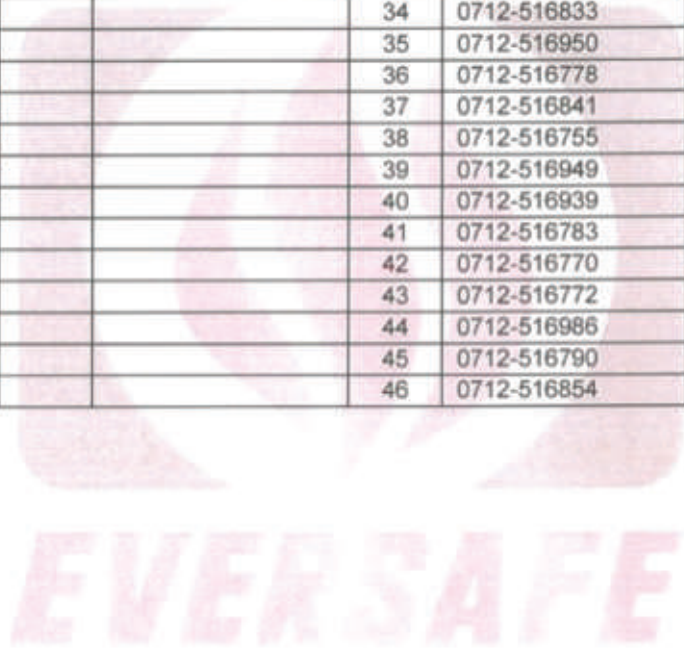
EVERSAFE EXTINGUISHER SDN BHD (053162-V)

Lot 878 Jalan Subang 9, Taman Perindustrian Subang, 47500 Subang Jaya, Selangor Darul Ehsan, Malaysia
Tel : +603-8024 9898 Fax : +603-8024 7878 / +603-8024 9623 E-mail : sales@eversafe.net
Website : www.eversafe.net Facebook : www.facebook.com/eversafe-extinguisher

Certificate No. : MED/12/PFE/204 & 205

Model : EEW-9s
Quantity : 50 Units

NO.	SERIAL NO.	NO.	SERIAL NO.	NO.	SERIAL NO.	NO.	SERIAL NO.
1	0712-513691	18	0712-514006	24	0712-516830	47	0712-517132
2	0712-513928	19	0712-514027	25	0712-516751	48	0712-517068
3	0712-513920	20	0712-514002	26	0712-516895	49	0712-517096
4	0712-513938	21	0712-514142	27	0712-516718	50	0712-506205
5	0712-513829	22	0712-514020	28	0712-516706		
6	0712-513926	23	0712-514016	29	0712-516679		
7	0712-513996			30	0712-516885		
8	0712-513989			31	0712-516803		
9	0712-513970			32	0712-516768		
10	0712-513963			33	0712-516776		
11	0712-513987			34	0712-516833		
12	0712-513832			35	0712-516950		
13	0712-513946			36	0712-516778		
14	0712-513854			37	0712-516841		
15	0712-513951			38	0712-516755		
16	0712-513949			39	0712-516949		
17	0712-513871			40	0712-516939		
				41	0712-516783		
				42	0712-516770		
				43	0712-516772		
				44	0712-516986		
				45	0712-516790		
				46	0712-516854		



Product Approvals :





EVERSAFE EXTINGUISHER SDN BHD (053162-V)

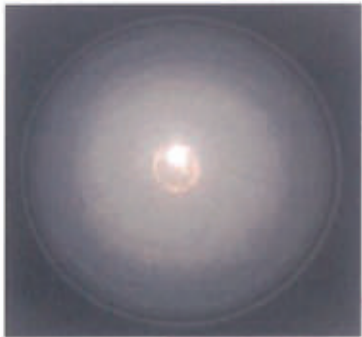
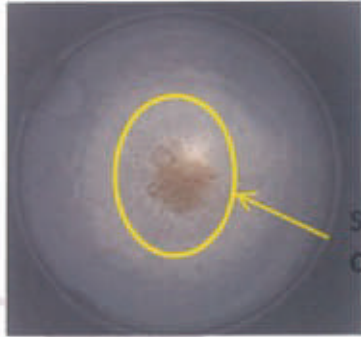



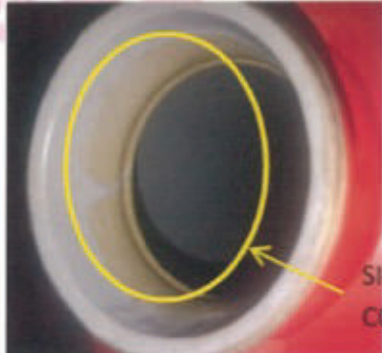
Lot 878 Jalan Subang 9, Taman Perindustrian Subang, 47500 Subang Jaya, Selangor Darul Ehsan, Malaysia

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Website : www.eversafe.net Facebook : www.facebook.com/eversafe.extinguisher

ANNEX A2

Visual Inspection Criteria for Internal Lining – Water / Foam Type Fire Extinguishers

PASS	FAIL
	 <p>SIGNS OF CORROSION</p>
	 <p>SIGNS OF CORROSION</p>
	 <p>SIGNS OF CORROSION</p>

Product Approvals :



SIRIM TUV SUD Australian Standard UKAS KM 544838 NM 61549 0038 0038 EN 671-1:2001 Cert No 7744 ISO 9001:2008 FM 67401