




Date: March 27, 2020

CERTIFICATE OF COMPLIANCE


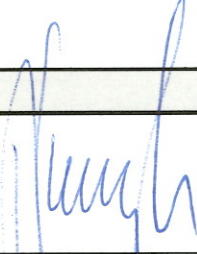

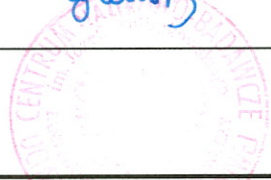
This certificate of compliance validates the following			
TEST REPORT NUMBER	1962/BA/19	CERTIFICATE NUMBER	DC – UAE – 0158
DATE OF ISSUE	February 7, 2020	DATE OF ISSUE	March 27, 2020
DATE OF EXPIRY	Not applicable	DATE OF EXPIRY	March 26, 2030
Manufacturer details			
NAME OF FACTORY / MANUFACTURER	POLON-ALFA S.A.	NAME OF THE BRAND	POLON-ALFA
FACTORY ADDRESS / REGION	ul. Glinki 155 85-861 Bydgoszcz Republic of Poland	MODEL / NO	SAB-6101, SAB-6102, SAB-6106
WEBSITE	www.polon-alfa.pl	LOGO ON THE PRODUCT	
TELEPHONE	+48 52 36 39 269	EMAIL	export@polon-alfa.pl tomasz.piaskowski@polon-alfa.pl





Product Details From Test Report				Reference Test Report Page No.
DESCRIPTION OF THE PRODUCT	Sounder with visual alarm device type with socket G-40SK in varieties SAB-6101-3RR, SAB-6101-6RR, SAB-6101-6WR, SAB-6101-3RW, SAB-6101-6RW, SAB-6101-6WW, SAB-6102-3RR, SAB-6102-6RR, SAB-6102-6WR, SAB-6102-3RW, SAB-6102-6RW, SAB-6102-6WW, SAB-6106-3RR, SAB-6106-6RR, SAB-6106-6WR, SAB-6106-3RW, SAB-6106-6RW, SAB-6106-6WW (Detailed specification below)			3 (1962/BA/19)
TESTS STANDARD	EN 54-3:2001+A1:2002+A2:2006 Fire detection and fire alarm systems – Part 3: Fire alarm devices – Sounders EN 54-23:2010 Fire detection and fire alarm systems – Part 23: Fire alarm devices – Visual alarm devices			15 (1962/BA/19)
TESTS DESCRIPTION	Requirements, test methods and performance criteria for sounders, visual alarm devices and short-circuit isolators			15 + 16 (1962/BA/19)
SPECIFICATION OF TEST SPECIMEN	Type:	SAB-6101-3RR, SAB-6101-6RR, SAB-6101-6WR, SAB-6101-3RW, SAB-6101-6RW, SAB-6101-6WW	SAB-6102-3RR, SAB-6102-6RR, SAB-6102-6WR, SAB-6102-3RW, SAB-6102-6RW, SAB-6102-6WW	SAB-6106-3RR, SAB-6106-6RR, SAB-6106-6WR, SAB-6106-3RW, SAB-6106-6RW, SAB-6106-6WW
	Supply voltage [V DC]:	9,6 ÷ 30,0	16 + 32,5	9,6 ÷ 30,0
	Quiescent current [A]:	---		
	Alarm current [A]:	---		
	Sound level (1m) [dB]:	86,04 ÷ 108,74	82,44 ÷ 109,04	73,64 ÷ 106,84
	Frequency and sound pattern:	<ol style="list-style-type: none"> 1000 Hz for 500 ms, then 500 ms break) x3, then 1500 ms pause 1200-500 Hz; drooping for 1000 ms 500 Hz; continuous signal 500 Hz; for 1000 ms, then 1000 ms pause 554 Hz for 250 ms, then 400 Hz for 250 ms 500-1200 Hz; rising for 3500 ms, then silence for 500 ms 600 Hz; for 332 ms, then 332 ms pause 600-1200 Hz; rising for 120 ms, then drooping for 120 ms 2600 Hz; for 100 ms, then 130 ms pause 2600-3400 Hz; rising for 400 ms 2000-3000 Hz; rising for 500 ms 2500 Hz; for 250 ms, then 250 ms pause 3300 Hz; for 150 ms, then 100 ms pause 800 Hz; for 20 ms, then 20 ms pause 800 Hz; continuous signal (2500 Hz for 20 ms, then 20 ms break) x13, then 500 ms pause 		
	Voice sounder:	no	no	yes „Uwaga, uwaga! Oglašzam alarm pożarowy. Proszę zastosować się do planu ewakuacji!” „Uwaga, uwaga! W budyńku wykryto pożar. Proszę zastosować się do instrukcji przeciwpożarowej!”
	Message synchronization:	not applicable	not applicable	yes
	Frequency of flashing [Hz]:	0,5		
	Light colour:	white or red		
	Sounder category:	O		
	Synchronization function:	yes		
	Type of work environment:	A		
	IP protection:	21C		
Type of installation:	surface wall or ceiling mounted			
Dimensions [mm]:	Ø 115 x 94			
Material of housing:	plastic material			
Mass [g]:	250			
TESTS RESULTS	EN 54-3	Sound level	PASS	17 + 25 (1962/BA/19)
	EN 54-3	Frequencies and sound pattern	PASS	
	EN 54-3	Reproducibility	PASS	
	EN 54-3	Operational performance	PASS	
	EN 54-3	Attention drawing signal and message broadcast sequences	PASS	
	-----	Synchronisation	-----	
	EN 54-3	Broadcast message performance	PASS	
	EN 54-3	Attention drawing signal/silence/message sequence timing	PASS	
	EN 54-3	Message synchronisation testing	PASS	
	-----	Durability	-----	
	EN 54-3	Construction	PASS	
	EN 54-3	Marking and data	PASS	
	EN 54-3	Durability	PASS	
	EN 54-3	General testing	PASS	
	EN 54-3	Dry heat (operational)	PASS	
	EN 54-3	Dry heat (endurance)	PASS	
	EN 54-3	Cold (operational)	PASS	
	EN 54-3 - EN 60068-2-2	Damp heat, cyclic (operational)	NOT APPLICABLE	
	EN 54-3 - EN 60068-2-1	Damp heat, steady state (endurance)	PASS	
	EN 54-3 - EN 60068-2-30	Damp heat, cyclic (endurance)	PASS	
	EN 54-3 - EN 60068-2-78	Sulphur dioxide (SO ₂) corrosion (endurance)	PASS	



Laboratory and Certification Body Details			
NAME OF CERTIFICATION BODY	CNBOP-PIB Centrum Naukowo-Badawcze Ochrony Przeciwpożarowej Państwowy Instytut Badawczy	NAME OF TEST FACILITY	CNBOP-PIB Zespół Laboratoriów Sygnalizacji Alarmu Pożaru i Automatyki Pożarniczej
CERTIFICATION BODY ADDRESS / REGION	ul. Nadwiślańska 213. 05-420 Józefów REPUBLIC OF POLAND	TEST FACILITY ADDRESS / REGION	ul. Nadwiślańska 213. 05-420 Józefów REPUBLIC OF POLAND
WEBSITE	www.cnbop.pl	WEBSITE	www.cnbop.pl
TELEPHONE	+48 22 769 33 47	TELEPHONE	+48 22 769 32 26
EMAIL	jcw@cnbop.pl	EMAIL	ba@cnbop.pl
ACCREDITED BY	Polish Centre for Accreditation http://www.pca.gov.pl	ACCREDITED BY	Polish Centre for Accreditation http://www.pca.gov.pl
AS PER	EN ISO/IEC 17065 Requirements for bodies certifying products, processes and services	AS PER	EN ISO/IEC 17025 General requirements for the competence of testing and calibration laboratories
VALIDITY	October 3, 2022	VALIDITY	October 11, 2021
REFERENCE NUMBER	AC 063	REFERENCE NUMBER	AB 207
CERTIFICATION MARK			
(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME AND SURNAME OF MANUFACTURERS SIGNATORY	Dariusz Nagelnski	SIGNATURE	
EMAIL / TELEPHONE	+48 52 36 39 261 export@polon-alfa.pl	FACTORY OFFICIAL SEAL	POLON-ALFA S.A. ul. Glinki 155 85-861 BYDGOSZCZ
NOTES	I UNDERTAKE THAT ALL DATA AND INFORMATION PROVIDED ARE GENUINE AND ACCURATE.		
(ENDORSEMENT) TO BE CERTIFICATION BODY			
NAME AND SURNAME OF CERTIFICATION BODY SIGNATORY	st. bryg dr inż. Paweł Janik	SIGNATURE	
EMAIL / TELEPHONE	cnbop@cnbop.pl 0048 227693300	CERTIFICATION BODY OFFICIAL SEAL	
NOTES	I UNDERTAKE THAT ALL DATA AND INFORMATION PROVIDED ARE GENUINE AND ACCURATE.		

ATTACHEMENT:

COPY OF "CERTIFICATE OF CONSTANCY OF PERFORMANCE" NO. 1438-CPR-0704 ISSUED BY CERTIFICATION BODY