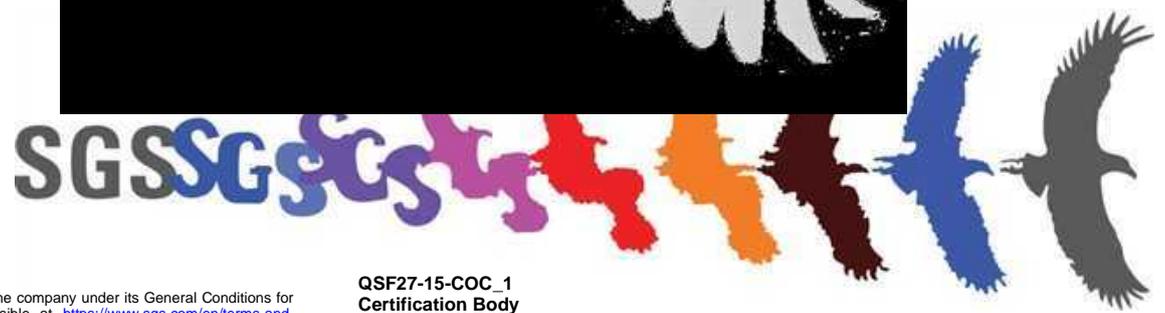




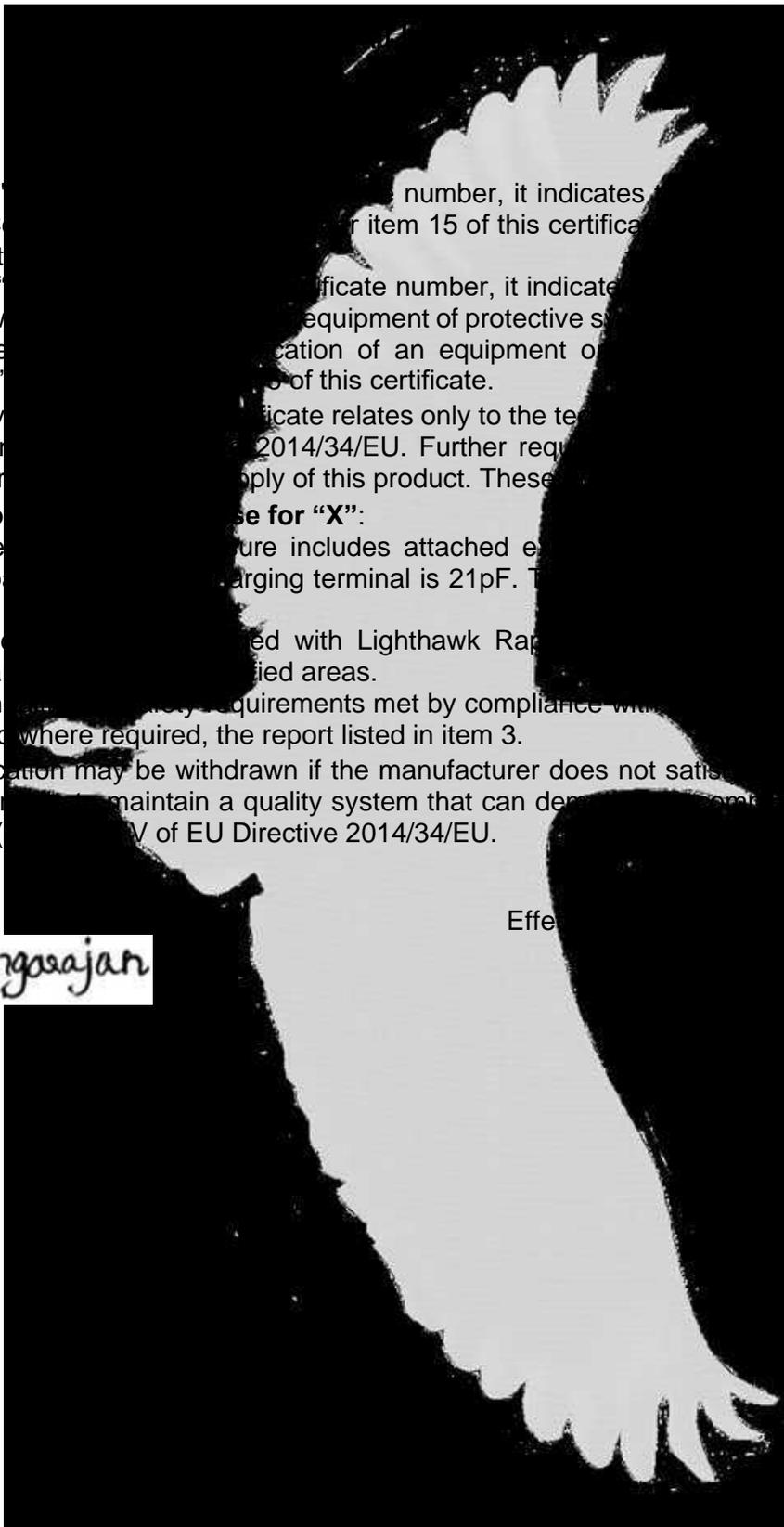
- (1) **ATMOSPHERIC EXPLOSION PROTECTION CERTIFICATE**
- (2) **Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014 on the approximation of the laws, regulations, administrative provisions and standards of the Member States relating to explosive atmospheres (ATEX Directive)**
- (3) **ProCert No** : SUW-CERT
- (4) **Certificate No** : SGSNA24ATEX710
- (5) **Issue No** : 0
- (6) **Equipment** : RSXXXX Raptor
- (7) **Manufacturer** : Koehler-Bright
- (8) **Address** : 380 Stewart Road, Township, PA-18706, USA
- (9) This product is subject to a possible variation thereto is specified in the conditions referred to in this certificate and the documents referred to.
- (10) SGS Canada, Certification Body Number 3015 in accordance with the Rules of Procedure and Article 21 of the Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014, certifies, that the product has been found to comply with the requirements of the Directive for use in potentially explosive atmospheres, given in Annex II to the Directive, using European Examination Certificate module as detailed under Annex III of this Directive.
- (11) Compliance with the Essential Health and Safety Requirements has been assured by compliance with the following Harmonized Standards: EN 60079-0:2012, EN 60079-1:2012, EN 60079-2:2015
- (12) Where additional standards and those given here have been used, they are listed at item 16 in the Schedule of Standards.
- (13) The marking shall include the following: II 1G Ex I, 1.2.1, 1.2.2, 1.2.3, 1.2.4, 1.2.5, 1.2.6, 1.2.7, 1.2.8, 1.2.9, 1.2.10, 1.2.11, 1.2.12, 1.2.13, 1.2.14, 1.2.15, 1.2.16, 1.2.17, 1.2.18, 1.2.19, 1.2.20, 1.2.21, 1.2.22, 1.2.23, 1.2.24, 1.2.25, 1.2.26, 1.2.27, 1.2.28, 1.2.29, 1.2.30, 1.2.31, 1.2.32, 1.2.33, 1.2.34, 1.2.35, 1.2.36, 1.2.37, 1.2.38, 1.2.39, 1.2.40, 1.2.41, 1.2.42, 1.2.43, 1.2.44, 1.2.45, 1.2.46, 1.2.47, 1.2.48, 1.2.49, 1.2.50, 1.2.51, 1.2.52, 1.2.53, 1.2.54, 1.2.55, 1.2.56, 1.2.57, 1.2.58, 1.2.59, 1.2.60, 1.2.61, 1.2.62, 1.2.63, 1.2.64, 1.2.65, 1.2.66, 1.2.67, 1.2.68, 1.2.69, 1.2.70, 1.2.71, 1.2.72, 1.2.73, 1.2.74, 1.2.75, 1.2.76, 1.2.77, 1.2.78, 1.2.79, 1.2.80, 1.2.81, 1.2.82, 1.2.83, 1.2.84, 1.2.85, 1.2.86, 1.2.87, 1.2.88, 1.2.89, 1.2.90, 1.2.91, 1.2.92, 1.2.93, 1.2.94, 1.2.95, 1.2.96, 1.2.97, 1.2.98, 1.2.99, 1.2.100, 1.2.101, 1.2.102, 1.2.103, 1.2.104, 1.2.105, 1.2.106, 1.2.107, 1.2.108, 1.2.109, 1.2.110, 1.2.111, 1.2.112, 1.2.113, 1.2.114, 1.2.115, 1.2.116, 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This certificate is issued by the company under its General Conditions for Certification Services accessible at <https://www.sgs.com/en/terms-and-conditions>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this Certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

QSF27-15-COC_1
Certification Body

SGS Canada Inc.
6755 Mississauga Road, Suite 204, Mississauga ON L5N 7Y2
uscts.certifications@sgs.com



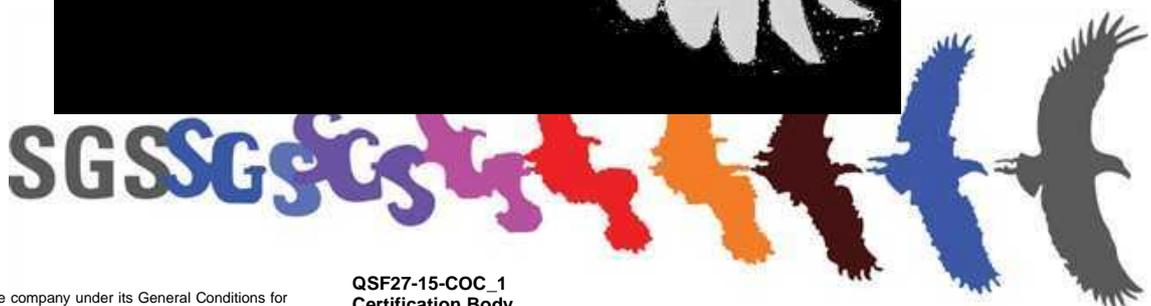
- (13) If the sign "Ex" is present, it indicates that the product is subject to the "Specific Conditions" for item 15 of this certificate. This product cannot be used for component parts. If the sign "Ex" is not present, the certificate number, it indicates that the certificate should not be confused with the equipment of protective systems. Partial certification may not be used for the certification of an equipment of protective systems. "Schedule Of Limitations" of this certificate.
- (14) This EU-Type Certificate relates only to the test results of the specified product in accordance with the requirements of the EMC Directive 2014/34/EU. Further requirements of the EMC Directive apply to the manufacturer of this product. These requirements are listed in the "Schedule Of Limitations" of this certificate.
- (15) **Special conditions for "X":**
 - 1) The test procedure includes attached essential parts. The measured capacitance at the charging terminal is 21pF. This is used to determine suitability in the test procedure.
 - 2) Products tested with Lighthawk Rapid Test System 07690 and must be checked in the specified areas.
- (16) Essential harmonized EMC requirements met by compliance with the requirements mentioned in item 10 and where required, the report listed in item 3.
- (17) This Notification may be withdrawn if the manufacturer does not satisfy the requirements of the EMC Directive or does not maintain a quality system that can demonstrate compliance to Annex IV (or) Annex VII (or) of EU Directive 2014/34/EU.

Authorized by:

Vijay Rangarajan

Vijay Rangarajan
(Certifier)

Effective date: 2, 2024



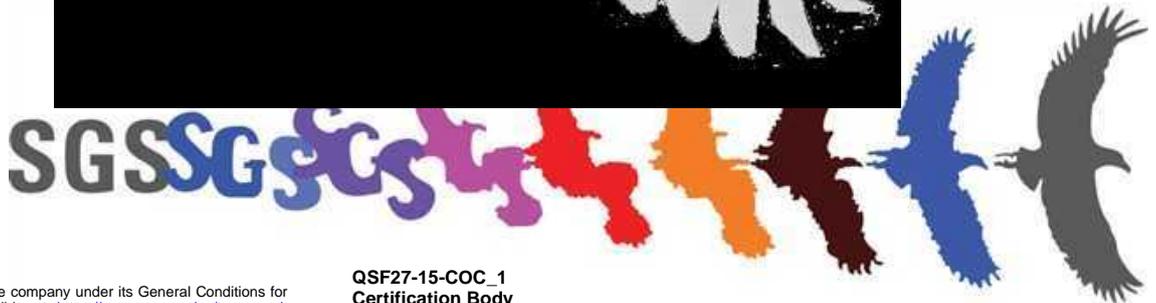
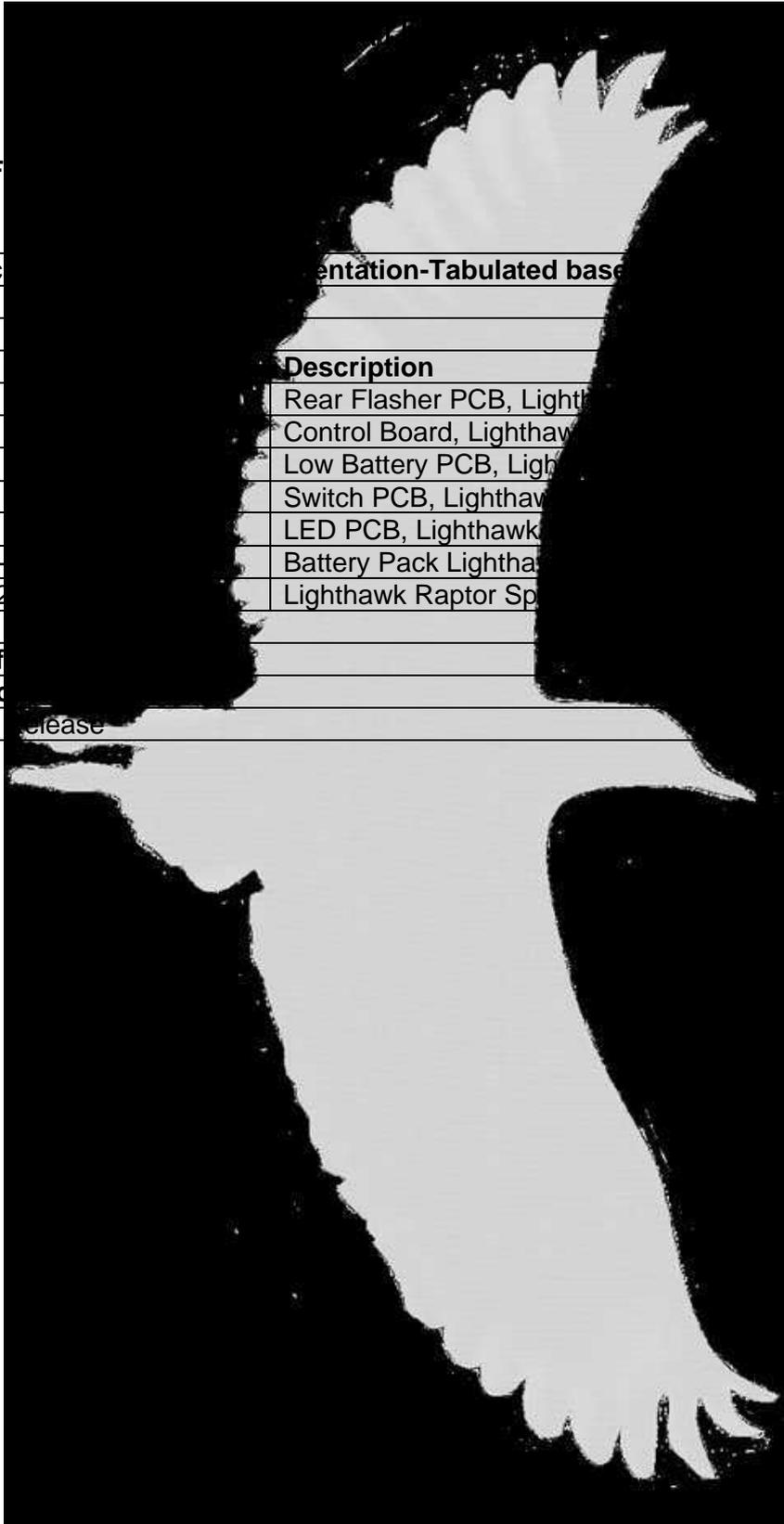


(18) Routine (F

(19)	Critic	entation-Tabulated base	umber
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Issue 0			
S. No	Drawing	Description	Rev. Date
1	3B-2416	Rear Flasher PCB, Light	-- 09/12/23
2	3B-2418	Control Board, Lighthaw	-- 09/08/23
3	3B-2421	Low Battery PCB, Ligh	-- 09/12/23
4	3B-2427	Switch PCB, Lighthaw	-- 09/12/23
5	3B-2451	LED PCB, Lighthawk	-- 09/12/23
6	9B-196X	Battery Pack Lightha	-- 10/07/22
7	10B-2412	Lighthawk Raptor Sp	-- 06/08/23

(20)	Certif		
Iss. No	Purpo		
0	Initial release		



This certificate is issued by the company under its General Conditions for Certification Services accessible at <https://www.sgs.com/en/terms-and-conditions>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this Certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

QSF27-15-COC_1
Certification Body

SGS Canada Inc.
 6755 Mississauga Road, Suite 204, Mississauga ON L5N 7Y2
 uscts.certifications@sgs.com



IECEX Test Report Summary

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

ExTR Ref. No.: **US/SNA/ExTR24.0007/00** Page 1 of 1

ExTR Free Ref. No.: **SUW-5099343-ExTR-001** Status: **Issued**

List of Standards Covered: **IEC 60079-0:2017 Edition:7.0 , IEC 60079-11:2011 Edition:6.0 , IEC 60079-28:2015 Edition:2** Date of issue: **2024-11-12**

Issuing ExTL: **SNA - SGS North America Inc.**

Endorsing ExCB: **SNA - SGS North America Inc.**

Manufacturer: **Koehler-Bright Star LLC**
380 Stewart Road
Hanover Township, PA 18706

Location of Manufacturer: **United States of America**

Ex Protection: **Ex ia op is**

Ratings: **Ex ia op is IIB T4 Ga**
Um: 12V
7.4V||9.6Ah||71.01Wh (6 Cell)
7.4V||6.4Ah||47.36Wh (4 Cell)
-20°C < Tambient < 40°C

Equipment: **LED Rechargeable Lantern**

Model Reference: **RSXXXX**
Lighthawk Raptor
(XXXX Stands for Battery Configuration, Color, Charger Type, Strap Type.)

Related IECEx Certificates:
[IECEX SNA 24.0006X Issue 0](#)

Comments:

