

CERTIFICATE OF CONFORMITY



1. **HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT PER US REQUIREMENTS**

- 2. **Certificate No:** FM20US0113X
- 3. **Equipment:**
(Type Reference and Name) **Model 4047EX Type EX Electric-Battery-Powered Scissor Lift Industrial Truck**
Model 3247EX Type EX Electric-Battery-Powered Scissor Lift Industrial Truck
Model 2647EX Type EX Electric-Battery-Powered Scissor Lift Industrial Truck
Model 2032EX Type EX Electric-Battery-Powered Scissor Lift Industrial Truck
Model 1932EX Type EX Electric-Battery-Powered Scissor Lift Industrial Truck

4. **Name of Listing Company:** Bailey Specialty Cranes & Aerials LLC

5. **Address of Listing Company:** S81 W18561 Gemini Dr
Muskego WI 53150
United States

6. The examination and test results are recorded in confidential report number:
PR455652 dated 28th October 2020

7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval standards and other documents:

FM Class 3600:2022, FM Class 3610:2010, FM Class 3615:2022,
ANSI/UL 583:2018, ANSI/NFPA 505:2018

8. If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to specific conditions of use specified in the schedule to this certificate.

Certificate issued by:



J.E. Marquandant
VP, Manager - Electrical Systems

28 March 2023

Date

To verify the availability of the Approved product, please refer to www.approvalguide.com

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

SCHEDULE



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9. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.

10. Equipment Ratings:

Type EX for Class I, Division 1, Group D, T4 hazardous (classified) locations for Ta= -20°C to +40°C.

11. The marking of the equipment shall include:

Type EX Class I, Division 1, Groups D, T4 Ta = -20°C to +40°C

12. **Description of Equipment:**

General –

The 4047EX is a Type EX Electric-Battery-Powered Scissor Lift Industrial Truck is a 24Vdc battery powered self-propelled industrial truck with a maximum weight of 8000 lbs including the maximum platform capacity of 770-lbs. The platform can extend to a maximum height of 40 feet. The rated truck speed is 1.0 MPH and the maximum grade use is 25%.

The 3247EX is a Type EX Electric-Battery-Powered Scissor Lift Industrial Truck is a 24Vdc battery powered self-propelled industrial truck with a maximum weight of 7599 lbs including the maximum platform capacity of 700-lbs. The platform can extend to a maximum height of 32 feet. The rated truck speed is 1.5 MPH and the maximum grade use is 30%.

The 2647EX is a Type EX Electric-Battery-Powered Scissor Lift Industrial Truck is a 24Vdc battery powered self-propelled industrial truck with a maximum weight of 7940 lbs including the maximum platform capacity of 1000-lbs. The platform can extend to a maximum height of 26 feet. The rated truck speed is 1.5 MPH and the maximum grade use is 30%.

The 2032EX is a Type EX Electric-Battery-Powered Scissor Lift Industrial Truck is a 24Vdc battery powered self-propelled industrial truck with a maximum weight of 7324 lbs including the maximum platform capacity of 900-lbs. The platform can extend to a maximum height of 20 feet. The rated truck speed is 1.5 MPH and the maximum grade use is 30%.

The 1932EX is a Type EX Electric-Battery-Powered Scissor Lift Industrial Truck is a 24Vdc battery powered self-propelled industrial truck with a maximum weight of 5200 lbs including the maximum platform capacity of 500-lbs. The platform can extend to a maximum height of 19 feet. The rated truck speed is 1.5 MPH and the maximum grade use is 30%

Ratings –

The ambient operating temperature range for Model 4047EX, Model 3247EX, Model 2647EX, Model 2032EX and Model 1932EX, Type EX Electric-Battery-Powered Scissor Lift Industrial Trucks is -20°C to +40°C.

Truck Models

4740EX Type EX Electric-Battery-Powered Scissor Lift Truck rated at 770 lbs. (349 kg) capacity with a maximum lift height of 40 ft (12.2 m). Suitable for use in Class I, Division 1, Group D, T4 Hazardous (Classified) Locations.

3247EX Type EX Electric-Battery-Powered Scissor Lift Truck rated at 700 lbs. (317.5 kg) capacity with a maximum lift height of 32 ft (9.75 m). Suitable for use in Class I, Division 1, Group D, T4 Hazardous (Classified) Locations.

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2647EX Type EX Electric-Battery-Powered Scissor Lift Truck rated at 1000 lbs. (454 kg) capacity with a maximum lift height of 26 ft (7.92 m). Suitable for use in Class I, Division 1, Group D, T4 Hazardous (Classified) Locations.

2032EX Type EX Electric-Battery-Powered Scissor Lift Truck rated at 900 lbs. (408 kg) capacity with a maximum lift height of 20 ft (6.10 m). Suitable for use in Class I, Division 1, Group D, T4 Hazardous (Classified) Locations.

1932EX Type EX, Electric-Battery-Powered Scissor Lift Truck, rated at 500 lbs. (227 kg) capacity with a maximum lift height of 19 ft (5.79 m). Suitable for use in Class I, Division 1, Group D, T4 Hazardous (Classified) Locations.

13. Specific Conditions of Use:

To avoid a possible electrostatic charge only clean the alarm / beacon with a damp cloth.

14. Test and Assessment Procedure and Conditions:

This Certificate has been issued in accordance with FM Approvals US Certification Requirements.

15. Schedule Drawings

A copy of the technical documentation has been kept by FM Approvals.

16. Certificate History

Details of the supplements to this certificate are described below:

Date	Description
28 th October 2020	Original Issue.
4 th January 2021	<u>Supplement 1:</u> Report Reference: RR226069 dated 4 th January 2021. Description of the Change: Revised certificate product descriptions with addition of Model 2032EX. Addition of 2032EX documentation to project CDL.
6 th May 2021	<u>Supplement 2:</u> Report Reference: RR228072 dated 6 th May 2021. Description of the Change: Revised certificate product descriptions with addition of Model 3247EX.
28 th March 2023	<u>Supplement 3:</u> Report Reference: PR464897 dated 28 th March 2023. Description of the Change: Added Model 4740EX to certificate. Updated FM Class Standard 3600, 3615 to latest edition. Added Specific Condition of Use for beacon/sounder. Drawings added and updated.

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