



EU-TYPE EXAMINATION CERTIFICATE

Component intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

Certificate Number: **Sira 07ATEX9073U** Issue: **8**

Component: **Types 4034A and 5134A Coax Safe-T-Brake**

Applicant: **Husky Corporation**

Address: **2325 Husky Way
Pacific
Missouri 63069
USA**

This component and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

CSA Group Netherlands B.V. notified body number 2813 in accordance with Articles 17 and 21 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of a component intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN 13617-2:2021

The sign 'U' is placed after the certificate number to indicate that the product assessed is a component and may be subject to further assessment when incorporated into equipment. Any limitations of use are listed in the schedule to this certificate.

This EU-Type Examination Certificate relates only to the design and construction of the specified component. If applicable, further requirements of this Directive apply to the manufacture and supply of this component.

The marking of the component shall include the following:



II 1 G
EN 13617-2
Type 2

Signed:

M Halliwell

Title:

Director of Operations



Project Number 80210340

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SCHEDULE

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13 DESCRIPTION OF COMPONENT

The devices are used in the fuel and vapour return lines of a liquid fuel dispenser and are designed to release when a tensile force of between 800 N and 1500 N is applied. Spring activated poppet valve mechanisms are located in the fuel and vapour lines and are held open during normal use. When the safe-break becomes separated, the valves close and fuel and vapour flow is shut off. Flow can only be restored once the device has been correctly re-made. Sealing between the two halves of the device is by means of 'O' ring seals and the mechanism is retained by means of captive balls in a spring cage. The devices are manufactured in aluminium alloy and are designed for operating pressures up to 3.0 bar. The devices are protected by a plastic over-sleeve.

Variation 1 - This variation introduced the following change:

- i. Minor drawing modifications were recognised; these are mainly administrative but also involve material and dimensional changes.

Variation 2 - This variation introduced the following changes:

- i. The non-anodized step and seal rings were replaced with anodized step and seal rings.
- ii. Minor drawings modifications were acknowledge and accepted, these include:
 - Drawing 002532 Rev.9 was replaced by drawing 008291 Rev.0 and drawing 004468 Rev.4 was replaced by Drawing 008839 Rev.0, the amendments recognised by the new drawings are dimensional changes that do not affect the safety or the function of this component.
 - Drawing 004034A and Drawing 005134A were amended to give more detail to the separation force limits.

Variation 4 - This variation introduced the following changes:

- i. Following appropriate assessment to demonstrate compliance with the latest technical knowledge, EN 13617-2:2004, EN 13463-1:2001 and EN 1127-1:1997 were replaced by EN 13617-2:2012, EN 13463-1:2009 and EN 1127-1:2011.

Variation 5 - This variation introduced the following changes:

- i. Updates to drawings, 002774A, 003076A, 004034A & 005134A to show details previously omitted from the drawings.
- ii. To correct standard listing typo; correct EN 1127:2011 on all certificates listed to read EN 1127-1:2011.
- iii. Correct a typo, which suggested 002861 was the current shear pin used for Safe-T-Break, 002774.

Variation 6 - This variation introduced the following change:

- i. To recognise the changing of 2011T3 Aluminium Hex stock to 6026LF-T651 Aluminium hex stock.

Variation 7 - This variation introduced the following change:

- i. Ratification of drawing issue numbers between CSA Group and Husky Corporation records.
- ii. Update certificate to the latest listed standards.

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

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14.2 Associated Reports and Certificate History

Issue	Date	Report number	Comment
0	17 May 2007	R51M15985A	The release of the prime certificate.
1	29 June 2009	R51M15985B	Report R51M15985A was replaced by R51M15985B.
2	28 March 2013	R27633A/00	The introduction of Variation 1.
3	29 January 2015	R70009432A	The introduction of Variation 2.
4	04 June 2015	R70024215A	The introduction of Variation 4.
5	12 September 2019	R80007542A	This Issue covers the following changes: <ul style="list-style-type: none">EC-Type Examination Certificate in accordance with 94/9/EC updated to EU-Type Examination Certificate in accordance with Directive 2014/34/EU. <i>(In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Variations to such EC-Type Examination Certificates may continue to bear the original certificate number issued prior to 20 April 2016.)</i> The introduction of Variation 5.
6	31 October 2019	1615	Transfer of certificate Sira 07ATEX9073U from Sira Certification Service to CSA Group Netherlands B.V.
7	21 July 2021	R80072038A	The introduction of Variation 6.
8	10 September 2024	R80210340A	The introduction of Variation 7.

15 SCHEDULE OF LIMITATIONS

None

16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.

17 CONDITIONS OF MANUFACTURE

- 17.1 The use of this certificate is subject to the Regulations Applicable to Holders of CSA Group Netherlands B.V. certificates.
- 17.2 Holders of EU-Type Examination Certificates are required to comply with the conformity to type requirements defined in Article 13 of Directive 2014/34/EU
- 17.3 Every safe break shall be subjected to the routine tests required by Table 4 of EN 13617-2.

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Certificate Annexe



Certificate Number: Sira 07ATEX9073U
 Component: Types 4034A and 5134A Coax Safe-T-Brake
 Applicant: Husky Corporation

Issue 0

Number	Sheet	Rev.	Date (Stamp)	Description
004034A	1 of 1	0	19 Apr 07	Type 4034A Safe-T-Break – general arrangement and related drawings
005134A	1 of 1	0	19 Apr 07	Type 5134A Safe-T-Break – general arrangement and related drawings
004468	1 of 1	3	19 Mar 99	Ring, Step, 4034
002532	1 of 1	8	04 Mar 04	Ring, Seal, 1 + 12T
003742	1 of 1	3	01 Apr 04	Spider, M34
003979	1 of 1	5	23 Dec 03	Insert, Spider, M34
003983	1 of 1	2	07 Oct 97	Ring, Retaining, Spacer, M34
003982	1 of 1	3	04 Nov 04	Wire Form M34
003980	1 of 1	4	05 Feb 98	Spacer, M34
003741	1 of 1	5	02 Nov 06	Check Valve, M34, Machined
003746	1 of 1	7	14 Feb 06	Spring, Check Valve, M34, Female
003745	1 of 1	9	23 Aug 00	Ring, Retaining, M34
003739	1 of 1	7	11 Aug 03	Female, M34, Coax
003738	1 of 1	9	03 Sep 03	Male, Coax, M34
003508	1 of 1	5	12 Oct 99	Ring, Retaining, Single Turn
003167	1 of 1	5	20 May 99	Ring, Retaining, Super STB
002908	1 of 1	3	22 Oct 03	Spring, Latch, Super STB
002542	1 of 1	4	02 Jul 97	Spring, Wave, 6 Turn, 1.200 I.D.
002533	1 of 1	13	07 Mar 00	Ring Latch, 1 + 12 T
001551	1 of 1	3	02 Aug 99	Guard Body, STB, 1/M34, Black
005048	1 of 1	3	16 Jul 04	Sleeve, Outer, 5134, Swaged, Mach
005044	1 of 1	0	19 May 99	Spacer, Latch, Inverted STB
000022	1 of 1	4	22 Aug 02	Ball 3/16"
003604	1 of 1	6	03 May 04	Sleeve, Outer, 12T, Swaged, Mach
003740	1 of 1	3	16 Jun 03	Check Valve, Vapor, M34

Issue 1

Number	Sheet	Rev.	Date (Stamp)	Description
004034A	1 of 1	0	19 Apr 07	Type 4034A Safe-T-Break – general arrangement and related drawings
005134A	1 of 1	0	19 Apr 07	Type 5134A Safe-T-Break – general arrangement and related drawings
004468	1 of 1	3	19 Mar 99	Ring, Step, 4034
002532	1 of 1	8	04 Mar 04	Ring, Seal, 1 + 12T
003742	1 of 1	3	01 Apr 04	Spider, M34
003979	1 of 1	5	23 Dec 03	Insert, Spider, M34
003983	1 of 1	2	07 Oct 97	Ring, Retaining, Spacer, M34
003982	1 of 1	3	04 Nov 04	Wire Form M34
003980	1 of 1	4	05 Feb 98	Spacer, M34
003741	1 of 1	5	02 Nov 06	Check Valve, M34, Machined
003746	1 of 1	7	14 Feb 06	Spring, Check Valve, M34, Female
003745	1 of 1	9	23 Aug 00	Ring, Retaining, M34
003739	1 of 1	7	11 Aug 03	Female, M34, Coax
003738	1 of 1	9	03 Sep 03	Male, Coax, M34
003508	1 of 1	5	12 Oct 99	Ring, Retaining, Single Turn
003167	1 of 1	5	20 May 99	Ring, Retaining, Super STB
002908	1 of 1	3	22 Oct 03	Spring, Latch, Super STB
002542	1 of 1	4	02 Jul 97	Spring, Wave, 6 Turn, 1.200 I.D.

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Applicant: Husky Corporation

Number	Sheet	Rev.	Date (Stamp)	Description
002533	1 of 1	13	07 Mar 00	Ring Latch, 1 + 12 T
001551	1 of 1	3	02 Aug 99	Guard Body, STB, 1/M34, Black
005048	1 of 1	3	16 Jul 04	Sleeve, Outer, 5134, Swaged, Mach
005044	1 of 1	0	19 May 99	Spacer, Latch, Inverted STB
000022	1 of 1	4	22 Aug 02	Ball 3/16"
003064	1 of 1	6	03 May 04	Sleeve, Outer, 12T, Swaged, Mach
003740	1 of 1	3	16 Jun 03	Check Valve, Vapor, M34

Issue 2

Number	Sheet	Rev.	Date (Stamp)	Description
004034A	1 of 1	4	27 Mar 13	Type 4034A Safe-T-Break – general arrangement and related drawings
005134A	1 of 1	5	27 Mar 13	NON-RECON, COAX, STB M34, ATEX
004468*	1 of 1	4	07 Aug 12	Ring, Step, 4034
002532*	1 of 1	9	07 Aug 12	Ring, Seal, 1 + 12T
003742	1 of 1	4	07 Aug 12	Spider, M34
003979	1 of 1	6	07 Aug 12	Insert, Spider, M34
003983	1 of 1	3	07 Aug 12	Ring, Retaining, Spacer, M34
003982	1 of 1	4	07 Aug 12	Wire Form M34
003980	1 of 1	6	07 Aug 12	Spacer, M34
003741	1 of 1	7	07 Aug 12	Check Valve, M34, Machined
003746	1 of 1	8	07 Aug 12	Spring, Check Valve, M34, Female
003745	1 of 1	10	07 Aug 12	Ring, Retaining, M34
003739	1 of 1	11	07 Aug 12	Female, M34, Coax
003738	1 of 1	14	07 Aug 12	Male, Coax, M34
003508	1 of 1	6	07 Aug 12	Ring, Retaining, Single Turn
003167	1 of 1	7	07 Aug 12	Ring, Retaining, Super STB
002908	1 of 1	4	07 Aug 12	Spring, Latch, Super STB
002542	1 of 1	6	07 Mar 13	Spring, Wave, 6 Turn, 1.200 I.D.
002533	1 of 1	15	27 Mar 13	Ring Latch, 1 + 12 T
001551	1 of 1	6	07 Mar 13	GD, STB, Medium, Black
005048	1 of 1	4	07 Aug 12	Sleeve, Outer, 5134, Swaged, Mach
005044	1 of 1	1	07 Aug 12	Spacer, Latch, Inverted STB
000022	1 of 1	5	07 Aug 12	Ball 3/16"
003064	1 of 1	7	07 Aug 12	Sleeve, Outer, 12T, Swaged, Mach
003740	1 of 1	4	07 Aug 12	Check Valve, Vapor, M34

*these drawings were removed at Issue 3 but are retained on the certificate to maintain the certificate history

Issue 3

Drawing	Sheets	Rev.	Date (Stamp)	Title
004034A	1 of 1	5	22 Jan 15	4034 COAX SAFE-T-BRAKE M34
005134A	1 of 1	6	22 Jan 15	NON-RECON, COAX, STB M34, ATEX
008291	1 of 1	0	22 Jan 15	RING, SEAL, 1+12T, COMBO
008839	1 of 1	0	22 Jan 15	RING, STEP, 4034, HI- PULL

Issue 4: (No new drawings were introduced)

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Certificate Number: Sira 07ATEX9073U
Component: Types 4034A and 5134A Coax Safe-T-Brake
Applicant: Husky Corporation

Issue 5

Drawing	Sheets	Rev.	Date (Stamp)	Title
005134A	1 to 2	8	02 Jul 19	NON RECONNECT COAX STB M34 ATEX
004034A	1 to 2	7	02 Jul 19	COAX SAFE-T-BREAK M34 ATEX

Issue 6: (No new drawings were introduced)

Issue 7

Drawing	Sheets	Rev.	Date (Stamp)	Title
004034A	1 to 2	9	17 May 21	Type 4034A Safe-T-Break – general arrangement and related drawings
005134A	1 to 2	10	17 May 21	NON-RECON, COAX, STB M34, ATEX

Issue 8

Drawing	Sheets	Rev.	Date (Stamp)	Title
005134A*	1 to 2	11	14 May 24	NON-RECONNECT COAX STB M34 ATEX
004034A*	1 to 2	10	14 May 24	COAX SAFE-T-BREAK M34 ATEX
003739	1 of 1	13	14 May 24	FEMALE, M34 COA
003738	1 of 1	19	14 May 24	MALE, COAX, M34
001551	1 of 1	7	14 May 24	GD, STB, MEDIUM, BLACK
000022	1 of 1	6	14 May 24	BALL. 3/16

*Denotes these are obsolete drawings kept on record for reference.

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