



1 **EU-TYPE EXAMINATION CERTIFICATE**

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

3 Certificate Number: **Sira 07ATEX9074U** Issue: **4**

4 Component: **Type 3076A Safe-T-Brake**

5 Applicant: **Husky Corporation**

6 Address: 2325 Husky Way
Pacific
Missouri 63069
USA

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

8 Sira Certification Service, notified body number 0518 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.

9 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 13617-2:2012 EN 13463-1:2009 EN 1127-1:2011

The above list of documents may detail standards that do not appear on the UKAS Scope of Accreditation, but have been added through Sira's flexible scope of accreditation, which is available on request.

10 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.

11 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.

12 The marking of the component shall include the following:



II 1 G
EN 13617-2
Type 1

Project Number 80007542

N Jones
Certification Manager

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SCHEDULE

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Sira 07ATEX9074U
Issue 4

13 DESCRIPTION OF COMPONENT

The device is used in the fuel line of a liquid fuel dispenser and is 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 line are held open during normal use. When the safe-break becomes separated, the valves close and fuel 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 device is manufactured in aluminium alloy and is designed for operating pressures up to 3.0 bar. The device is 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 change:

- 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 3 - 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.

1414 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Sira 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	R27634A/00	The introduction of Variation 1.
3	04 June 2015	R70024215A	The introduction of Variation 2.

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Sira 07ATEX9074U
Issue 4

Issue	Date	Report number	Comment
4	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 3.

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 Sira 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 The production acceptance tests required by Table 4 of EN 13617-2 shall be carried out on the first, last and at least every one hundredth unit in each production run.
- 17.4 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 07ATEX9074U**
Component: **Type 3076A Safe-T-Brake**
Applicant: **Husky Corporation**

Issue 0

Number	Sheet	Rev.	Date	Description
003076A	1 of 1	0	19 Apr 07	Type 3076A Safe-T-Break – general arrangement and related drawings
000022	1 of 1	4	22 Aug 02	Ball 3/16"
001551	1 of 1	3	02 Aug 99	Guard Body, STB, 1/M34, Black
002532	1 of 1	8	04 Mar 04	Ring, Seal, 1 + 12T
002533	1 of 1	13	07 Mar 00	Ring Latch, 1 + 12 T
002542	1 of 1	4	02 Jul 97	Spring, Wave, 6 Turn, 1.200 I.D.
002908	1 of 1	3	22 Oct 03	Spring, Latch, Super STB
003604	1 of 1	6	03 May 04	Sleeve, Outer, 12T, Swaged, Mach
003167	1 of 1	5	20 May 99	Ring, Retaining, Super STB
003508	1 of 1	5	12 Oct 99	Ring, Retaining, Single Turn
002535	1 of 1	13	01 Dec 03	Check Valve 1 + 12T
002959	1 of 1	9	13 Nov 06	Female, Body, 1 + 12T
002957	1 of 1	8	21 Jan 00	Male, Body, 1 + 12T, BSP, Machined
002534	1 of 1	3	22 Oct 03	Snap Cone, 1 + 12T
004874	1 of 1	3	16 Jul 04	Washer, Spacer
002655	1 of 1	2	19 Nov 03	Sping, Check Valve, 1 + 12T

Issue 1

Number	Sheet	Rev.	Date	Description
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002532	1 of 1	8	04 Mar 04	Ring, Seal, 1 + 12T
002533	1 of 1	13	07 Mar 00	Ring Latch, 1 + 12 T
002542	1 of 1	4	02 Jul 97	Spring, Wave, 6 Turn, 1.200 I.D.
002908	1 of 1	3	22 Oct 03	Spring, Latch, Super STB
003064	1 of 1	6	03 May 04	Sleeve, Outer, 12T, Swaged, Mach
003167	1 of 1	5	20 May 99	Ring, Retaining, Super STB
003508	1 of 1	5	12 Oct 99	Ring, Retaining, Single Turn
002535	1 of 1	13	01 Dec 03	Check Valve 1 + 12T
002959	1 of 1	9	13 Nov 06	Female, Body, 1 + 12T
002957	1 of 1	8	21 Jan 00	Male, Body, 1 + 12T, BSP, Machined
002534	1 of 1	3	22 Oct 03	Snap Cone, 1 + 12T
004874	1 of 1	3	16 Jul 04	Washer, Spacer
002655	1 of 1	2	19 Nov 03	Sping, Check Valve, 1 + 12T

Issue 2

Number	Sheet	Rev.	Date (Sira stamp)	Description
003076A	1 of 1	4	27 Mar 13	Type 3076A Safe-T-Break – general arrangement and related drawings
000022	1 of 1	5	22 Aug 02	Ball 3/16"
001551	1 of 1	6	07 Mar 13	GD, STB, Medium, Black
002532	1 of 1	9	04 Mar 04	Ring, Seal, 1 + 12T
002533	1 of 1	15	27 Mar 13	Ring Latch, 1 + 12 T

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Sira Certification Service

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Applicant: **Husky Corporation**

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002957	1 of 1	10	21 Jan 00	Male, Body, 1 + 12T, BSP, Machined
002534	1 of 1	8	07 Mar 13	Snap Cone, 1 + 12T
004874	1 of 1	4	16 Jul 04	Washer, Spacer
002655	1 of 1	4	19 Nov 03	Spring, Check Valve, 1 + 12T

Issue 3: (No new drawings were introduced)

Issue 4

Drawing	Sheets	Rev.	Date (Sira Stamp)	Title
003076A	1 of 1	6	02 JUL 19	SUPER STB VALVE BSPP 1" ATEX

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