



1 **EC TYPE-EXAMINATION CERTIFICATE**

2 Component intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

3 Certificate Number: **Sira 07ATEX9074U** Issue: **0**

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 Article 9 of Directive 94/9/EC of 23 March 1994, 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 13617-2:2004

EN 13463-1:2001

EN 1127:1997

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 special conditions for safe use are listed in the schedule to this certificate.

11 This EC 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 51M15985
C. Index 09

C Ellaby
Certification Officer

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Sira Certification Service

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SCHEDULE

EC TYPE-EXAMINATION CERTIFICATE

**Sira 07ATEX9074U
Issue 0**

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.

14 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 prime certificate.

15 SPECIAL CONDITIONS FOR SAFE USE

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 CERTIFICATION

17.1 The use of this certificate is subject to the Regulations Applicable to Holders of Sira Certificates.

17.2 Holders of EC type-examination certificates are required to comply with the production control requirements defined in Article 8 of directive 94/9/EC.

17.3 The production acceptance tests required by Table 4 of EN 13617-2:2004 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 13617-2:2004.

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

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