



## EU-TYPE EXAMINATION CERTIFICATE

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

Certificate Number: **Sira 10ATEX9266U** Issue: **8**

Component: **1+X and 1+XS Range of Liquid Fuel Dispenser Nozzles**

Applicant: **The 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 13012:2012

EN 13463-1:2009

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 13012  
Type I

Signed: M Halliwell

Title: Director of Operations



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## SCHEDULE

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#### 13 DESCRIPTION OF COMPONENT

The nozzles are intended for the automatic delivery of liquid fuel at a flow-rate of up to 40 l/min or Ad Blue® (AUS 32) at a flow rate of 10 litres/min for the 1+X model only. The main bodies are manufactured from cast aluminium with a separate aluminium delivery spout assembly at the front. The bodies are fitted with a trigger type, operating lever assembly that is protected by a guard formed integrally with the cast body. This assembly directly actuates an internal valve to control the delivery of fuel. The main bodies also contain an attitude sensing device and an over-fill cut-off device. The rear of the main bodies have a female-threaded, 3/4" BSP entry hole to allow a suitable, liquid fuel, delivery hose or Ad Blue® (AUS 32) assembly to be attached.

#### Models

- 1+X - standard model
- 1+X - double poppet
- 1 +X Ad Blue® variant capable of additive delivery at 10 Litres/Min.
- 1+XS – with pressure activated valve
- 1+XS - with pressure activated valve & double poppet
- 1+XS- with pressure activated valve, double poppet with sight glass

'S' models include no pressure no flow feature.  
'Double poppet' feature for fine flow control

**Variation 1** - This variation introduced the following change:

- i. The introduction of an alternative spout assembly ('LDD' spout) was recognised.

**Variation 2** - This variation introduced the following changes:

- i. Minor drawing modifications were recognised, these are mainly administrative but also involve material and dimensional changes.
- ii. Three unreleased drawings were removed.

**Variation 3** - This variation introduced the following changes:

- i. The introduction of a new attitude support and check valve spring was approved.
- ii. Following appropriate assessment to demonstrate compliance with the latest technical knowledge, the document previously listed in section 9, EN 13012:2001, was replaced by EN 13012:2012.

**Variation 4** - This variation introduced the following change:

- i. The introduction of two types of nozzles with a moulded hand guard (keel) and a moulded lever, both are made from a non-metallic material.

**Variation 5** - This variation introduced the following changes:

- i. The introduction of the "tilt" poppet modification to the range of Liquid Fuel Dispenser Nozzles.
- ii. The drawings were updated in a new drawing package to show "tilt" poppet modification and to replace existing drawings: 10\_ATEX replaces drawings 002227A, 002228A & 005787A. 10S\_ATEX replaces drawings: 002244A, 007410A and 007495A.

**Variation 6** - This variation introduced the following change:

- i. To allow a variant capable of delivering Ad Blue® (AUS 32\*) at 10 litres/min for the 1+X model only. The description was amended accordingly.  
\* North American version of Ad Blue®.

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**Variation 7** - This variation introduced the following change:

- i. Introduction of Part No 013835 – Poppet Stem Bushing, and replacement of Part No 000020 – Packing Seal, with Part No 012080 – Short Packing Seal.

#### 14 DESCRIPTIVE DOCUMENTS

##### 14.1 Drawings

Refer to Certificate Annexe.

##### 14.2 Associated Reports and Certificate History

Issue	Date	Report number	Comment
0	24 November 2010	R21772A/00	The release of the prime certificate.
1	5 December 2011	R26273A/00	The introduction of Variation 1.
2	28 March 2013	R27625A/00	The introduction of Variation 2.
3	26 March 2015	R70008475A	The introduction of Variation 3.
4	13 November 2015	R70036568A	The introduction of Variation 4.
5	08 August 2017	R70128301A	This Issue covers the following changes: <ul style="list-style-type: none"><li>• 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></li><li>• The introduction of Variation 5.</li></ul>
6	31 October 2019	0822	Transfer of certificate Sira 10ATEX9266U from Sira Certification Service to CSA Group Netherlands B.V.
7	11 August 2021	R80085905A	The introduction of Variation 6.
8	20 December 2023	R80180941A	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 Each nozzle shall be subjected to the routine tests detailed in EN 13012 Table 6.

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# Certificate Annexe



Certificate Number: Sira 10ATEX9266U

Component: 1+X and 1+XS Range of Liquid Fuel Dispenser Nozzles

Applicant: The Husky Corporation

Issue 0

## General Arrangement Drawings

Drawing	Sheets	Rev	Date (Sira stamp)	Description
002228A	1 of 1	0	14 Nov 10	1+X Sectional Arrangement
005787A	1 of 1	1	14 Nov 10	1+X With Double Poppet Sectional Arrangement
002244A	1 of 1	0	14 Nov 10	1+XS Sectional Arrangement
007459A	1 of 1	0	14 Nov 10	1+XS With Double Poppet
007410A	1 of 1	0	14 Nov 10	1+XS With Sight Glass Sectional Arrangement
002042	1 of 1		14 Nov 10	Spout Assembly
008283	1 of 1	0	14 Nov 10	Spout Assembly
003267	1 of 1	4	14 Nov 10	Attitude Support Assembly
003913	1 of 1	1	14 Nov 10	Cap With Sight Glass
003932	1 of 1	1	14 Nov 10	Check Valve Seat
004020	1 of 1	1	14 Nov 10	Diaphragm Assembly
005317	1 of 1	1	14 Nov 10	Latch Pin Assembly
Lever Assembly	1 of 1	2	14 Nov 10	Nozzle Lever Assembly
005490	1 of 1	1	14 Nov 10	Vent Tube Assembly
005849	1 of 1	1	14 Nov 10	Vent Tube Assembly
000007	1 of 1	5	14 Nov 10	Cap Tip-End
000008	1 of 1	3	14 Nov 10	Ball-Tip End
000010	1 of 1	10	14 Nov 10	Poppet Seal
000011	1 of 1	8	14 Nov 10	Popper Seal Holder
000016	1 of 1	5	14 Nov 10	Spout Spring
000017	1 of 1	7	14 Nov 10	'O' Ring
000020	1 of 1	12	14 Nov 10	Packing Seal
000022	1 of 1	5	14 Nov 10	Ball Details
000023	1 of 1	7	14 Nov 10	Plunger Spring
000026	1 of 1	7	14 Nov 10	'O' Ring
000520	1 of 1	4	14 Nov 10	Retaining Clip
001164	1 of 1	7	14 Nov 10	'O' Ring
002001	1 of 1	8	14 Nov 10	Venturi
002002	1 of 1	5	14 Nov 10	Latch
002003	1 of 1	12	14 Nov 10	Latch Plate
002004	1 of 1	16	14 Nov 10	Lever
002005	1 of 1	9	14 Nov 10	Plunger Detail
002012	1 of 1	10	14 Nov 10	Spout Seal
002014	1 of 1	9	14 Nov 10	Main Spring
002015	1 of 1	11	14 Nov 10	Latch Ring
002017	1 of 1	5	14 Nov 10	Retaining Ring
002018	1 of 1	4	14 Nov 10	Retaining Ring Clip
002019	1 of 1	9	14 Nov 10	Freeze Plug
002020	1 of 1	5	14 Nov 10	Lever Pin
002021	1 of 1	3	14 Nov 10	Latch Plate Rivet
002027	1 of 1	5	14 Nov 10	Cap Body
002032	1 of 1	4	14 Nov 10	Check Valve Seat
002037	1 of 1	7	14 Nov 10	Packing Nut
002038	1 of 1	7	14 Nov 10	Vacuum Cap

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Applicant: The Husky Corporation

Drawing	Sheets	Rev	Date (Sira stamp)	Description
002039	1 of 1	13	14 Nov 10	Check Valve
002061	1 of 1	6	14 Nov 10	Packing Spring
002062	1 of 1	12	14 Nov 10	Poppet Skirt
002174	1 of 1	11	14 Nov 10	Check Valve
002221	1 of 1	21	14 Nov 10	Body Machining
002223	1 of 1	22	14 Nov 10	Body Machining
002361	1 of 1	11	14 Nov 10	Plunger Bushing
002644	1 of 1	6	14 Nov 10	'O' Ring
002655	1 of 1	3	14 Nov 10	Check Valve Spring
002789	1 of 1	6	14 Nov 10	Tip End Restrictor
002982	1 of 1	2	14 Nov 10	Cap Body
002985	1 of 1	2	14 Nov 10	Sight Glass Ball
002986	1 of 1	4	14 Nov 10	'O' Ring
003110	1 of 1	3	14 Nov 10	Check Valve Spring
003204	1 of 1	16	14 Nov 10	Attitude Device Support
003274	1 of 1	2	14 Nov 10	Air Passage Plug
003744	1 of 1	7	14 Nov 10	'O' Ring
003911	1 of 1	3	14 Nov 10	Sight Glass Ring
003912	1 of 1	1	14 Nov 10	Sight Glass Spacer
003921	1 of 1	2	14 Nov 10	Sight Glass Lens
003987	1 of 1	3	14 Nov 10	Main Spring
003996	1 of 1	4	14 Nov 10	Spout Bushing
004018	1 of 1	4	14 Nov 10	Diaphragm
004019	1 of 1	5	14 Nov 10	Diaphragm Support
004035	1 of 1	4	14 Nov 10	Spout Bushing
004350	1 of 1	5	14 Nov 10	Top Packing Ring
004472	1 of 1	1	14 Nov 10	Packing Gland Washer
004603	1 of 1	7	14 Nov 10	Pressure Cap
004607	1 of 1	2	14 Nov 10	Diaphragm
004612	1 of 1	7	14 Nov 10	Diaphragm Guide
004641	1 of 1	3	14 Nov 10	Spout Gland
004642	1 of 1	8	14 Nov 10	Spout Machining
004831	1 of 1	2	14 Nov 10	Diaphragm Spring
004951	1 of 1	3	14 Nov 10	Spout Nut
005111	1 of 1	18	14 Nov 10	Data Tag
005208	1 of 1	1	14 Nov 10	Tag Screw
005268	1 of 1	3	14 Nov 10	Stem Machining
005269	1 of 1	1	14 Nov 10	Stem Pad
005321	1 of 1	7	14 Nov 10	Latch Pin
005325	1 of 1	6	14 Nov 10	Diaphragm Cap
005326	1 of 1	2	14 Nov 10	Torsion Spring
005366	1 of 1	2	14 Nov 10	Double Poppet Support
005367	1 of 1	1	14 Nov 10	Double Poppet – Poppet Holder
005369	1 of 1	1	14 Nov 10	Double Poppet Stem
005370	1 of 1	1	14 Nov 10	Double Poppet Inner Seal
005372	1 of 1	1	14 Nov 10	Double Poppet Skirt

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# Certificate Annexe



Certificate Number: Sira 10ATEX9266U

Component: 1+X and 1+XS Range of Liquid Fuel Dispenser Nozzles

Applicant: The Husky Corporation

Drawing	Sheets	Rev	Date (Sira stamp)	Description
005389	1 of 1	3	14 Nov 10	Tip End
005494	1 of 1	4	14 Nov 10	Lever Guard
005531	1 of 1	0	14 Nov 10	'O' Ring
005687	1 of 1	3	14 Nov 10	Diaphragm Sleeve
005859	1 of 1	1	14 Nov 10	Anti-Rattle Spring
005949	1 of 1	1	14 Nov 10	Diaphragm Spring
005951	1 of 1	3	14 Nov 10	Diaphragm Slide
005955	1 of 1	3	14 Nov 10	Wheel
005956	1 of 1	4	14 Nov 10	Piston
006785	1 of 1	2	14 Nov 10	Latch Pin Spring
006789	1 of 1	4	14 Nov 10	Latch Pin Retainer
Coil pin	1 of 1	3	14 Nov 10	Coil Pin Detail
Vent tube	1 of 1	3	14 Nov 10	Vent Tube Detail

## Issue 1

Drawing	Sheets	Rev.	Date (Sira stamp)	Description
006442*	1 of 1	0	24 Nov 11	Vent tube assembly
006443*	1 of 1	0	24 Nov 11	'Dripless' spout assembly
008337	1 of 1	0	24 Nov 11	Vent tube 'stream' variant
008338	1 of 1	0	24 Nov 11	'Stream' spout assembly
008339*	1 of 1	0	24 Nov 11	Spout assembly with latching ring

\* These drawings were removed at Issue 2.

## Issue 2

Drawing	Sheets	Rev	Date (Sira stamp)	Description
002042	1 of 1	11	07 Aug 12	Spout Assembly
000017	1 of 1	8	07 Aug 12	'O' Ring
000026	1 of 1	8	07 Aug 12	'O' Ring
002001	1 of 1	9	07 Aug 12	Venturi
002002	1 of 1	6	07 Aug 12	Latch
002003	1 of 1	13	07 Aug 12	Latch Plate
002005	1 of 1	11	07 Mar 13	Plunger Detail
002039	1 of 1	14	07 Aug 12	Check Valve
002174	1 of 1	12	07 Aug 12	Check Valve
002644	1 of 1	7	07 Aug 12	'O' Ring
002655	1 of 1	4	07 Aug 12	Check Valve Spring
005111	1 to 4	28	27 Mar 13	Data Tag
005366	1 of 1	3	07 Aug 12	Double Poppet Support
005367	1 of 1	3	07 Aug 12	Double Poppet – Poppet Holder
005370	1 of 1	2	07 Aug 12	Double Poppet Inner Seal
005951	1 of 1	6	07 Aug 12	Diaphragm Slide
008337	1 of 1	1	07 Aug 12	Vent tube 'stream' variant
008338	1 of 1	1	07 Aug 12	'Stream' spout assembly

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Certificate Number: Sira 10ATEX9266U

Component: 1+X and 1+XS Range of Liquid Fuel Dispenser  
Nozzles

Applicant: The Husky Corporation

## Issue 3

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
011269	1 of 1	0	13 Feb 15	Attitude Support Assy, ATEX
002227A	1 of 1	1	13 Feb 15	NOZL, 10, LDD, ATT, BSP, ATEX
002228A	1 of 1	1	13 Feb 15	NOZL, 10, UNL, ATT, BSP, ATEX

## Issue 4

Drawing	Sheets	Rev.	Date (Sira stamp)	Description
007281	1 of 1	4	26 Oct 15	Lever, Plastic
007430	1 of 1	0	26 Oct 15	Body, Casting, Machined
008007	1 of 1	0	26 Oct 15	Lever, 10, EZ, Main
008974	1 of 1	D	26 Oct 15	Hand guard, X, Intl, Posts
008975	1 of 1	D	26 Oct 15	Hand guard, X, Intl
008980	1 of 1	H	26 Oct 15	Hand guard, X, Gilbarco
010179	1 of 1	A	26 Oct 15	Hand guard, X, Intl assy
010182	1 of 1	B	26 Oct 15	Hand guard, X, Gilbarco, Mag Assy
011404	1 of 1	A	26 Oct 15	Hand guard, X, Tok.
011636	1 of 1	A	26 Oct 15	Hand guard, X, Intl Assy, WMHG
011785	1 of 1	B	26 Oct 15	Hand guard, X, Gilbarco, Non Mag Assy
011793	1 of 1	A	26 Oct 15	Hand guard, X, Intl Assy, WHG

## Issue 5

Drawing	Sheets	Rev.	Date (Sira Stamp)	Title
10_ATEX	1 to 2	0	08 Aug 17	10 ATEX Cert Drawing
10S_ATEX	1 to 2	0	08 Aug 17	10S ATEX Cert Drawing

Issue 6 - No new drawings were introduced.

## Issue 7

Drawing	Sheets	Rev.	Date (Stamp)	Title
10_ATEX	1 to 3	2	11 Aug 21	10_ ATEX Cert Drawing

## Issue 8

Drawing	Sheets	Rev.	Date (Stamp)	Title
10_ATEX	1 to 3	3	10 Dec 23	10 ATEX CERT DRAWING
10S_ATEX	1 to 2	2	10 Dec 23	10S ATEX CERT DRAWING
007429	1 to 2	8	14 Dec 23	BODY, CASTING, 1+10, PHG. RAW
007430	1 of 1	1	14 Dec 23	BODY, 1+10S, PH MACHINED
012080	1 of 1	1	14 Dec 23	SEAL, PACKING, SHORT
013835	1 of 1	2	14 Dec 23	BUSHING, PACKING

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