



1 **EC TYPE-EXAMINATION CERTIFICATE**

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

3 Certificate Number: **Sira 12ATEX1105X** Issue: **0**

4 Equipment: **Range of stopping plugs: DASP-H and DASP-SH**

5 Applicant: **Dong A Bestech Company Limited**

6 Address: **13-16, Samjeong-Dong
Ojeong-Ku
Bucheon-City
Kyung Gi-Do
Korea**

7 This equipment and any acceptable variation thereto is 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 equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment 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 60079-0:2009 EN 60079-1:2007 EN 60079-7:2007 EN 60079-31:2009

10 If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EC type-examination certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

12 The marking of the equipment shall include the following:



I M2
Ex d I Mb
Ex e I Mb
Ta = -60°C to +100°C

and/or



II 2 GD
Ex d IIC Gb
Ex e IIC Gb
Ex tb IIIC Db IP66/67 - DASP-H Parallel Thread
Ex tb IIIC Db IP67 - DASP-SH Parallel Thread
Ex tb IIIC Db IP6X - DASP-H and SH NPT
Ta = -60°C to +100°C

Project Number 23921

C Ellaby
Deputy Certification Manager

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SCHEDULE

EC TYPE-EXAMINATION CERTIFICATE

Sira 12ATEX1105X
Issue 0

13 DESCRIPTION OF EQUIPMENT

The Stopping Plugs comprise a cylindrical body with a male thread at one end with. They are intended to fill unused cable entries in associated apparatus. The products are manufactured with the following external profiles and assigned the following prefix type designations.

- DASP-H-M Series - Hexagonal head with parallel thread
- DASP-H-N Series – Hexagonal head with NPT thread
- DASP-SH-M Series - Set screw head with parallel thread
- DASP-SH-N Series - Set screw head with NPT thread

The Type DASP-H-M and DASP-SH-M Stopping Plugs with parallel thread are to be fitted with a PTFE (Teflon) O-ring seal.

Material options

- Brass CuZn39Pb3
- Brass with Nickel Plating
- Stainless Steel X2CrNiMo17-12-2 (ISO 16143-2:2004)

DASP-H thread options				DASP-SH thread options			
Parallel		NPT		Parallel		NPT	
Part No.	Size	Part No.	Size	Part No.	Size	Part No.	Size
DASP-H-M16	M16	DASP-H-N12	½"	DASP-SH-M16	M16	DASP-SH-N12	½"
DASP-H-M20	M20	DASP-H-N34	¾"	DASP-SH-M20	M20	DASP-SH-N34	¾"
DASP-H-M25	M25	DASP-H-N1	1"	DASP-SH-M25	M25	DASP-SH-N1	1"
DASP-H-M32	M32	DASP-H-N114	1 ¼"	DASP-SH-M32	M32	DASP-SH-N11S4	1 ¼"
DASP-H-M40	M40	DASP-H-N112	1 ½"	DASP-SH-M40	M40	DASP-SH-N112	1 ½"
DASP-H-M50	M50	DASP-H-N2	2"	DASP-SH-M50	M50	DASP-SH-N2	2"
DASP-H-M63	M63	DASP-H-N212	2 ½"	DASP-SH-M63	M63	DASP-SH-N212	2 ½"
DASP-H-M75	M75	DASP-H-N3	3"	DASP-SH-M75	M75	DASP-SH-N3	3"
		DASP-H-N312	3 ½"	DASP-SH-M80	M80	DASP-SH-N312	3 ½"
		DASP-H-N4	4"	DASP-SH-M90	M90	DASP-SH-N4	4"
				DASP-SH-M100	M100		

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Sira Reports and Certificate History

Issue	Date	Report number	Comment
0	12 June 2012	R23921A/00	The release of the prime certificate.

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Sira Certification Service

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SCHEDULE

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Sira 12ATEX1105X
Issue 0

- 15 **SPECIAL CONDITIONS FOR SAFE USE** (denoted by X after the certificate number)
- 15.1 The stopping plugs shall not be used outside the following temperatures -60°C to +100°C
- 15.2 The stopping plugs shall not be used with a thread adapter or reducer.
- 15.3 Stopping plugs with parallel threads shall be fitted with the PTFE sealing washer.
- 15.4 When fitted into clearance holes (Ex e and Ex tb only) the hole diameter shall be no greater than 0.5 mm above the major diameter of the stopping plug thread.
- 15.5 Where parallel thread option is used stopping plugs shall remain perpendicular to the equipment face when installed to ensure correct pressure on PTFE sealing washer.
- 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.

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Certificate Annexe

Certificate Number: Sira 12ATEX1105X
 Equipment: Range of stopping plugs: DASP-H and DASP-SH
 Applicant: Dong A Bestech Company Limited



Issue 0

Drawing	Sheets	Rev.	Date (Sira Stamp)	Title
SIRA-CG12-DASP-H-N000	1 of 1	1	24 May 12	DASP-H-N000 (MASTER DRAWING)
SIRA-CG12-DASP-H-N12	1 of 1	1	10 Apr 12	DASP-H-N12
SIRA-CG12-DASP-H-N34	1 of 1	1	10 Apr 12	DASP-H-N34
SIRA-CG12-DASP-H-N1	1 of 1	1	10 Apr 12	DASP-H-N1
SIRA-CG12-DASP-H-N114	1 of 1	1	10 Apr 12	DASP-H-N114
SIRA-CG12-DASP-H-N112	1 of 1	1	10 Apr 12	DASP-H-N112
SIRA-CG12-DASP-H-N2	1 of 1	1	10 Apr 12	DASP-H-N2
SIRA-CG12-DASP-H-N212	1 of 1	1	10 Apr 12	DASP-H-N212
SIRA-CG12-DASP-H-N3	1 of 1	1	10 Apr 12	DASP-H-N3
SIRA-CG12-DASP-H-N312	1 of 1	1	10 Apr 12	DASP-H-N312
SIRA-CG12-DASP-H-N4	1 of 1	1	10 Apr 12	DASP-H-N4
BSA-CG07-DASP-H-M000	1 of 1	1	24 May 12	DASP-H-M000 (MASTER DRAWING)
BSA-CG07-DASP-H-M16	1 of 1	1	10 Apr 12	DASP-H-M16
BSA-CG07-DASP-H-M20	1 of 1	1	10 Apr 12	DASP-H-M20
BSA-CG07-DASP-H-M25	1 of 1	1	10 Apr 12	DASP-H-M25
BSA-CG07-DASP-H-M32	1 of 1	1	10 Apr 12	DASP-H-M32
BSA-CG07-DASP-H-M40	1 of 1	1	10 Apr 12	DASP-H-M40
BSA-CG07-DASP-H-M50	1 of 1	1	10 Apr 12	DASP-H-M50
BSA-CG07-DASP-H-M63	1 of 1	1	10 Apr 12	DASP-H-M63
BSA-CG07-DASP-H-M75	1 of 1	1	10 Apr 12	DASP-H-M75
SIRA-CG12-DASP-SH-N000	1 of 1	1	24 May 12	DASP-SH-N000 (MASTER DRAWING)
SIRA-CG12-DASP-SH-N12	1 of 1	1	30 Mar 12	DASP-SH-N12
SIRA-CG12-DASP-SH-N34	1 of 1	1	30 Mar 12	DASP-SH-N34
SIRA-CG12-DASP-SH-N1	1 of 1	1	30 Mar 12	DASP-SH-N1
SIRA-CG12-DASP-SH-N114	1 of 1	1	30 Mar 12	DASP-SH-N114
SIRA-CG12-DASP-SH-N112	1 of 1	1	30 Mar 12	DASP-SH-N112
SIRA-CG12-DASP-SH-N2	1 of 1	1	30 Mar 12	DASP-SH-N2
SIRA-CG12-DASP-SH-N212	1 of 1	1	30 Mar 12	DASP-SH-N212
SIRA-CG12-DASP-SH-N3	1 of 1	1	30 Mar 12	DASP-SH-N3
SIRA-CG12-DASP-SH-N312	1 of 1	1	30 Mar 12	DASP-SH-N312
SIRA-CG12-DASP-SH-N4	1 of 1	1	30 Mar 12	DASP-SH-N4
BSA-CG09-DASP-SH-M000	1 of 1	1	24 May 12	DASP-SH-M000 (MASTER DRAWING)
BSA-CG09-DASP-SH-M16	1 of 1	1	30 Mar 12	DASP-SH-M16
BSA-CG09-DASP-SH-M20	1 of 1	1	30 Mar 12	DASP-SH-M20
BSA-CG09-DASP-SH-M25	1 of 1	1	30 Mar 12	DASP-SH-M25
BSA-CG09-DASP-SH-M32	1 of 1	1	30 Mar 12	DASP-SH-M32
BSA-CG09-DASP-SH-M40	1 of 1	1	30 Mar 12	DASP-SH-M40
BSA-CG09-DASP-SH-M50	1 of 1	1	30 Mar 12	DASP-SH-M50
BSA-CG09-DASP-SH-M63	1 of 1	1	30 Mar 12	DASP-SH-M63
BSA-CG09-DASP-SH-M75	1 of 1	1	30 Mar 12	DASP-SH-M75
BSA-CG09-DASP-SH-M80	1 of 1	1	30 Mar 12	DASP-SH-M80
BSA-CG09-DASP-SH-M90	1 of 1	1	30 Mar 12	DASP-SH-M90
BSA-CG09-DASP-SH-M100	1 of 1	1	30 Mar 12	DASP-SH-M100
BSA-CG07-DASW-M000-1	1 of 1	1	10 Apr 12	DASW-M0000 (MASTER DRAWING)
BSA-CG07-DASW-M16	1 of 1	1	10 Apr 12	DASW-M16

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Certificate Annexe

Certificate Number: Sira 12ATEX1105X
Equipment: Range of stopping plugs: DASP-H and DASP-SH
Applicant: Dong A Bestech Company Limited



Drawing	Sheets	Rev.	Date (Sira Stamp)	Title
BSA-CG07-DASW-M20	1 of 1	1	10 Apr 12	DASW-M20
BSA-CG07-DASW-M25	1 of 1	1	10 Apr 12	DASW-M25
BSA-CG07-DASW-M32	1 of 1	1	10 Apr 12	DASW-M32
BSA-CG07-DASW-M40	1 of 1	1	10 Apr 12	DASW-M40
BSA-CG07-DASW-M50	1 of 1	1	10 Apr 12	DASW-M50
BSA-CG07-DASW-M63	1 of 1	1	10 Apr 12	DASW-M63
BSA-CG07-DASW-M75	1 of 1	1	10 Apr 12	DASW-M75
BSA-CG07-DASW-M80	1 of 1	1	10 Apr 12	DASW-M80
BSA-CG07-DASW-M90	1 of 1	1	10 Apr 12	DASW-M90
BSA-CG07-DASW-M100	1 of 1	1	10 Apr 12	DASW-M100

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