



北京航协认证中心有限责任公司 质量管理体系认证证书

北京和欣运达科技有限公司

注册号：03418Q51504R1S

统一社会信用代码：91110114688369286G

注册地址：中国北京市昌平区科技园区超前路11号3幢2层205 P.C 100096

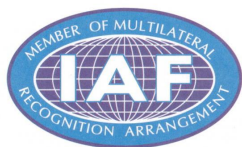
审核地址：中国北京市昌平区回龙观国际信息产业基地高新三街1号
P.C 100096

管理体系符合：GB/T19001-2016 idt ISO9001:2015

证书覆盖范围：建筑节能控制管理系统的研发和生产

颁证日期：2018年08月16日 证书有效期至：2021年08月15日

初次颁证日期：2015年08月17日



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C034-M

总经理：

北京航协认证中心有限责任公司



本证书颁发后，3年有效期内至少要接受2次监督审核，证书即时有效性可通过网站查询 www.bhxcc.com.cn
本证书信息可在国家认证认可监督管理委员会官方网站（www.cnca.gov.cn）上查询。也可扫描右下角的二维码查询。

地址：北京市朝阳区京顺路七号





BEIJING HANGXIE CERTIFICATION CENTER CO.,LTD.
**QUALITY MANAGEMENT SYSTEM
CERTIFICATION**

Beijing Hysine Technology Co., Ltd.

Registration No : **03418Q51504R1S**

Organization Code: 91110114688369286G

Registration Address: Room 205, Unit 3, Building 11, Chaoqian Road, Science and
Technology Park, Changping District, Beijing, China P.C 100096

Audition Address: Beijing Changping District Huilongguan international information
industry base, No. 1 hi tech Sanjie, China P.C 100096

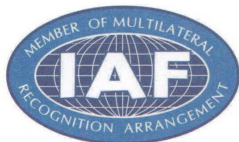
In conformity with : **GB/T19001-2016 idt ISO9001:2015**

Certification scope: **Development and production of building energy saving control
management system**

Issue Date: Aug .16,2018

Expiry Date: Aug .15,2021

First Issue Date: Aug .17,2015



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C034-M

General Manager:

BEIJING HANGXIE
CERTIFICATION CENTER CO.,LTD.

After this certificate is issued, there should be at least 2 surveillance audits within the 3 year period of validity, the current
validity of the certificate can be checked on (www.bhxcc.com.cn) The certificate information is available on the
official website of the National Certification and Accreditation Administration (www.cnca.gov.cn)
It is also available by scanning the two-dimensional code at the bottom right corner.



Address : NO.7 Jingshun Road,Chaoyang District,Beijing,China.

BACnet CONFORMANCE CERTIFICATE



No. BTL-30025

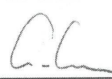
WSPCert attests the conformance of the following BACnet implementation to the BACnet standard ISO 16484-5 protocol revision 1.14. The attested conformance refers to the BACnet Interoperability Building Blocks (BIBBs) listed on the BTL Listing bearing the above-mentioned BTL-number.

The BACnet implementation has fulfilled the requirements according to the test standard ISO 16484-6, the BTL Test Plan 14.0 and the BTL Test Policies, see Test Report number TC50706 of softDEL.

Product name (B-ASC)
BCU/BLC series programmable logic controller
Model BCU-941
Software version
M128 V4.00A
Vendor
Hysine Controls Huilongguan, Changping District, Beijing City, China

This certificate is valid until **20-Feb-2022**.

20-Mar-2017
Date of Initial Certification


Dipl.-Ing. G. Weinmann
Head of Certification Body

Hysine Programmable Logic Controller

BACNET PROTOCOL IMPLEMENTATION CONFORMANCE STATEMENT

Date: Feb 28, 2017
Vendor Name: Hysine
Product Name: BCU/BLC Series Programmable Logic Controller
Product Model Number: BCU-941,BCU-630,BCU-940,BCU-860,BCU-843,BCU-1644,BCU-1600,BCU16160,BCU-1666,BLC-1040,BLC-1043,BLC-1650,BLC-1656,BLC-621,BLC-310,BLC-M2,BLC-M2E, ,BVC-442,BVC-442-P,BCX-H416,BCX-H616,BCX-H816, BCX-1016,BCX-1216,BCX-H816M2,BCX-E466,BCX-E1043,MGP-1102B,MGP-1103B,MGP-1104B,MGP-1105B,MGP-1106B
Application Software Version: M128 V4.00A
Firmware Revision: BACNet Controller Firmware 2.0

Product Description

The Hysine BCU/BLC controllers are high performance programmable logic controllers designed for control of HVAC and industrial equipment. The various BCU/BLC models feature different mixes of analog and binary inputs and outputs. These controllers operate either as a stand-alone controller or as part of a site-wide system on a BACnet MS/TP LAN. All communication is via BACnet standard protocols.

BACnet Standardized Device Profile (Annex L):

- ☐ BACnet Advanced Workstation (B-AWS)
- ☐ BACnet Operator Workstation (B-OWS)
- ☐ BACnet Operator Display (B-OD)
- ☐ BACnet Building Controller (B-BC)
- ☐ BACnet Advanced Application Controller (B-AAC)
- ☒ BACnet Application Specific Controller (B-ASC)
- ☐ BACnet Smart Sensor (B-SS)
- ☐ BACnet Smart Actuator (B-SA)

BACnet Interoperability Building Blocks Supported (Annex K):

DS-RP-B	DM-DDB-B
DS-RPM-B	DM-DOB-B
DS-WP-B	DM-DCC-B
	DM-TS-B
	DM-UTC-B

Segmentation Capability:

Segmented requests	not supported
Segmented responses	not supported



Standard Object Types Supported:

Analog Input

Dynamically Creatable:	No
Dynamically Deletable:	No
Optional Properties Supported:	Description
Writable Properties:	No
Proprietary Properties:	n/a

Analog Output

Dynamically Creatable:	No
Dynamically Deletable:	No
Optional Properties Supported:	Description
Writable Properties:	Present_Value
Proprietary Properties:	n/a

Range: Real

Analog Value

Dynamically Creatable:	No
Dynamically Deletable:	No
Optional Properties Supported:	Description
Writable Properties:	Present_Value
Proprietary Properties:	n/a

Range: Real

Binary Input

Dynamically Creatable:	No
Dynamically Deletable:	No
Optional Properties Supported:	Description
Writable Properties:	No
Proprietary Properties:	No

Binary Output

Dynamically Creatable:	No
Dynamically Deletable:	No
Optional Properties Supported:	Description
Writable Properties:	Present_Value
Proprietary Properties:	n/a

Binary Value

Dynamically Creatable:	No
Dynamically Deletable:	No
Optional Properties Supported:	Description
Writable Properties:	Present_Value
Proprietary Properties:	n/a



BCU Programmable Logic Controller PICS

Device

Dynamically Creatable:	No
Dynamically Deletable:	No
Optional Properties Supported:	Description Local_Time Local_Date Daylight_Savings_Status UTC_Offset Max_Master Max_Info_Frames
Writable Properties:	UTC_Offset Daylight_Savings_Status Number_of_Apdu_Retries Apdu_Timeout
Proprietary Properties:	n/a

Range:-780 ...780

Data Link Layer Options:

- ☐ BACnet IP, (Annex J)
- ☐ BACnet IP, (Annex J), Foreign Device
- ☐ ISO 8802-3, Ethernet (Clause 7)
- ☐ ANSI/ATA 878.1, 2.5 Mb, ARCNET (Clause 8), coax
- ☐ ANSI/ATA 878.1, RS-485 ARCNET (Clause 8), baud rate(s):
- ☒ MS/TP master (Clause 9), baud rate(s): 76.8k, 38.4k, 19.2k, 9600 bps
- ☐ MS/TP slave (Clause 9), baud rate(s):
- ☐ Point-To-Point, EIA 232 (Clause 10), baud rate(s):
- ☐ Point-To-Point, modem (Clause 10), baud rate(s):
- ☐ LonTalk, (Clause 11), medium:
- ☐ Other:

Device Address Binding:

Is static device binding supported? (This is currently necessary for two-way communication with MS/TP slaves and certain other devices.) ☐ Yes ☒ No

Networking Options:

- ☐ Router, Clause 6, routing configurations:
- ☐ Annex H, BACnet Tunneling Router over IP
- ☐ BACnet/IP Broadcast Management Device (BBMD)

Character Sets Supported:

Indicating support for multiple character sets does not imply that they can all be supported simultaneously.

- ☒ ANSI X3.4 ☐ IBM™/Microsoft™ DBCS ☐ ISO 8859-1
- ☐ ISO 10646 (UCS-2) ☐ ISO 10646 (ICS-4) ☐ JIS C 6226

If this product is a communication gateway, describe the types of non-BACnet equipment/networks(s) that the gateway supports:

Not a gateway



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Bay Area Compliance Laboratories Corp. (Shenzhen)
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ShiHua Road, FuTian Free Trade Zone, Shenzhen, Guangdong, China
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www.baclcorp.com

ATTESTATION OF CONFORMITY

Date of Issue: April 26, 2011

Attestation Number: RBJ110316F0031E

Bay Area Compliance Laboratories Corp. (Shenzhen) hereby declares that testing has been completed and reports have been generated for;

Product: Direct Digital Controller

Style/ Item No. BCL Series

Applicant: Beijing Hysine Technology Co., Ltd
No. 108, Beijing youth entrepreneur's demo park, Changping District,
Beijing, China

And, in accordance with the following Directives;

2002/95/EC and its subsequent amendments

That this product has been assessed against the following Standards;

IEC 62321 Ed 1.0:2008

CE mark is permitted only after all applicable requirements are met in accordance with the European Union Rules, including the manufacturer's issuance of a "Declaration of Conformity." Additional guidelines can be found at: RoHS Directive website:
<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2003:037:0019:0023:en:PDF>
This attestation is specific to the standard(s) stated above and compliance with additional standards and/or directives may be required.

Attested by:

John Chan
Certification Manager

Signature



C012-E



Bay Area Compliance Labs Corp.
Bay Area Compliance Laboratories Corp. (Dongguan)
No.69 Pulongcun, Puxinhu Industrial Zone, Tangxia, Dongguan, Guangdong, China
Phone: +86-769-86858888, Fax: +86-769-86858891
www.baclcorp.com.cn

ATTESTATION OF CONFORMITY

Date of Issue: 2013-10-15

Report Number: R2BJ131011051-01

Bay Area Compliance Laboratories Corp. (Dongguan) declares that testing has been completed and reports have been generated for:

Trade Name: Hysine
Product: Human Machine Interface
Model: HMI Series
Applicant: Beijing Hysine Technology Co., Ltd.
NO. 108, Beijing youth entrepreneur's demo park, Changping District, Beijing, china

And, in accordance with the following directives:

2004/108/EC Electromagnetic Compatibility

That this product has been assessed against the following standards:

EMC: EN 55022:2010
EN 55024:2010

CE mark is permitted only after all applicable requirements are met in accordance with the European Union Rules, including the manufacturer's issuance of a "Declaration of Conformity". Additional guidelines can be found at: EMC Directive website:
http://ec.europa.eu/enterprise/electr_equipment/emc/index.htm.

This attestation is specific to the standard(s) stated above and compliance with additional standards and/or directives may be required.

Attested by:

Jerry Zhang
EMC Manager

Jerry Zhang

Signature



C01-A



Bay Area Compliance Labs Corp.

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Phone: +86-769-86858888, Fax: +86-769-86858891
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ATTESTATION OF CONFORMITY

Date of Issue: 2013-10-16

Report Number: R2BJ131011052-01

Bay Area Compliance Laboratories Corp. (Dongguan) declares that testing has been completed and reports have been generated for:

Trade Name: Hysine
Product: Fan Coil Controller
Model: TCX-Series
Applicant: Beijing Hysine Technology Co., Ltd.
NO.108, Beijing youth entrepreneur's demo park, Changping
District, Beijing, china

And, in accordance with the following directives:

2004/108/EC Electromagnetic Compatibility

That this product has been assessed against the following standards:

EMC: EN 61326-1:2006
EN 61326-2-2:2006

CE mark is permitted only after all applicable requirements are met in accordance with the European Union Rules, including the manufacturer's issuance of a "Declaration of Conformity". Additional guidelines can be found at: EMC Directive website: http://ec.europa.eu/enterprise/electr_equipment/emc/index.htm. This attestation is specific to the standard(s) stated above and compliance with additional standards and/or directives may be required.

Attested by: Jerry Zhang
EMC Manager
Jerry Zhang
Signature



C01-A



Bay Area Compliance Labs Corp.

Bay Area Compliance Laboratories Corp. (Shenzhen)
6/F, the 3rd Phase of WanLi Industrial Building
ShiHua Road, FuTian Free Trade Zone, Shenzhen, Guangdong, China
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ATTESTATION OF CONFORMITY

Date of Issue: 2014-04-29

Attestation Number: R2BJ131210050-03

Bay Area Compliance Laboratories Corp. (Shenzhen) hereby declares that testing has been completed and reports have been generated for;

Trade Name: Hysine

Product: RELAY CONTROLLER

Model: BCX-H619; BCX-H616; BCX-H620; BCX-H1010; BCX-H1020; BCX-E866; BCX-E3100; BCX-S210; BCX-S402; BCX-S205; BCX-SN10; BCX-SN15; BCX-H1602; BCX-H416; BCX-H816; BCX-H1216;

Applicant: Beijing Hysine Technology Co., Ltd.
NO. 108, Beijing youth entrepreneur's demo park, Changping District, Beijing, china

And, in accordance with the following Directives;

2006/95/EC Low Voltage Directive

That this product has been assessed against the following Standards;
LVD:

EN 60730-2-7:2010 used in conjunction with
EN 60730-1:2011



Mark is permitted only after all applicable requirements are met in accordance with the European Union Rules, including the manufacturer's issuance of a "Declaration of Conformity." Additional guidelines can be found at: LVD Directive website:
http://ec.europa.eu/enterprise/sectors/electrical/lvd/index_en.htm.

This attestation is specific to the standard(s) stated above and compliance with additional standards and/or directives may be required.

Attestation by: Jeanne Han
Safety Manager

Jeanne Han
Signature



C03-A



Bay Area Compliance Laboratories Corp. (Shenzhen)
6/F, the 3rd Phase of Wanli Industrial Building ShiHua Road,
FuTian Free Trade Zone, Shenzhen, Guangdong, China
www.baclcorp.com

ATTESTATION OF CONFORMITY

Date of Issue: 2011-03-30

Attestation Number: RBJ110316001

Bay Area Compliance Laboratories Corp.(Shenzhen) hereby declares that testing has been completed and reports have been generated for;

Trade Name: Hysine

Product: Direct Digital Controller

Model Number: BCU Series

Applicant: Beijing Hysine Technology Co., Ltd.
No.108, Beijing youth entrepreneur's demo park,
Changping District, Beijing, china

Manufacturer: Australia Hysine Controls Pty. Ltd
36 Mittabah Rd, Hornsby, NSW 2077 Australia

That this product has been assessed and found to comply against the following Standards;

EMC: EN 61131-2:2007

Compliance to those standards are required for the following Directives;

Directive 2004/108/EC Electromagnetic Compatibility

Application of the CE Mark is permitted only after all applicable requirements are met in accordance with the European Union Rules, including the manufacturer's issuance of a "Declaration of Conformity." additional guidelines can be found at :

EMC Directive website: http://ec.europa.eu/enterprise/electr_equipment/emc/index.htm

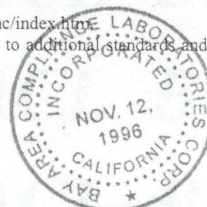
This attestation is specific to the standard(s) stated above and compliance to additional standards and/or directives may be required.

Attestation by: John Chan
Certification Manager

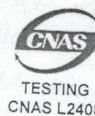
Signature

2011-03-30

Date



C1012-E



TEST REPORT

REPORT No.: RBJ110316F0031E

Date: April 26, 2011

Beijing Hysine Technology Co., Ltd
No.108, Beijing youth entrepreneur's demo park, Changping District, Beijing, China

Report on the submitted samples said to be:

Sample Name : Direct Digital Controller
Style/ Item No. : BCU Series
Sample Receiving Date : March 21, 2011
Testing Period : From March 21, 2011 to April 26, 2011
Results : Please refer to next page(s).

Summary of Test Results:

TEST REQUEST

A EU RoHS Directive 2002/95/EC and its amendment directives

CONCLUSION

Pass

Signed for and on behalf of
BACL

Bensen

Checked by: Bensen Huang



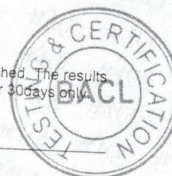
William

Approved by: William Wei

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Report printed overleaf or attached. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30 days only. This Test Report shall not be reproduced expected in full, without written approval of the Company.

Bay Area Compliance Laboratories Corp. (Shenzhen)

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软件企业认定证书

经审核，北京和欣运达科技有限公司

符合《进一步鼓励软

件产业和集成电路产业发展的若干政策》和《软件企业认定管理办法》

的有关规定，认定为软件企业，特发此证。

证书编号：京 R-2014-1018

发证机关：



2014 年 10 月 20 日

日