

CERTIFICATE

质量管理体系认证证书

证书编号: 00220Q24296R1M

兹证明

江苏辉伦太阳能科技有限公司

统一社会信用代码: 91320191674909042W
住所: 江苏省南京市高新区星火路1号

与其他场所共同构成的单一管理体系符合

GB/T 19001-2016/ISO 9001:2015

《质量管理体系 要求》

覆盖的产品和服务

硅晶体太阳能组件的生产和销售

覆盖的各场所及认证范围见附件

生效日期: 2020年09月03日

有效期至: 2023年09月25日

注册号: CQM-32-2020-0216-0001

(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 或方圆标志认证集团官方网站上查询, 也可通过验证《确认证书》确认本证书的有效性)



GB/T 19001



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C002-M

方圆标志认证集团

地址: 北京市海淀区增光路33号 (100048)
<http://www.cqm.com.cn>

Q 0217847

CERTIFICATE

质量管理体系认证证书

附件(第 1 页 共 1 页)

证书编号: 00220Q24296R1M

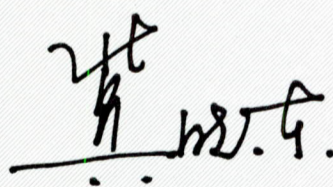
场所名称	认证地址(邮编)	覆盖的产品及其过程
江苏辉伦太阳能科技有限公司	江苏省南京市高新区星火路 1 号(210032)	硅晶体太阳能组件的生产和销售
江苏苏美达动力工具有限公司	江苏省东台市沿海经济开发区苏美达科技产业园(224200)	硅晶体太阳能组件的生产

生效日期: 2020 年 09 月 03 日

有效期至: 2023 年 09 月 25 日

注册号: CQM-32-2020-0216-0001

(本附件与主页共同使用方为有效)



二零二零年九月三日

CQM 是国际认证联盟的成员



GB/T 19001



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C002-M

方圆标志认证集团

地址: 北京市海淀区增光路33号 (100048)

<http://www.cqm.com.cn>

Q 0217848

CERTIFICATE

Quality Management Systems Certificate

Certificate Number: 00220Q24296R1M

CQM hereby certifies that

Phono Solar Technology Co., Ltd.

United Social Credit Code: 91320191674909042W

Domicile: No.1, Xinghuo Road, Hi-Tech Zone, Nanjing City, Jiangsu, P.R.China

and other sites has implemented and maintains a Quality Management System
which fulfils the requirements of the following standards

GB/T 19001-2016/ISO 9001:2015

Quality management systems---Requirements

This certificate is valid to the following product(s)/service:

Manufacture and sales of silicon solar module

For the each site and certification scope to the attachment

Issued on: 2020-09-03

Effective date: 2020-09-03

Validity date: 2023-09-25

Registration Number: CQM-32-2020-0216-0001

The validity of the certificate can be checked on www.cnca.gov.cn, *Certificate Confirmation* and CQM website



GB/T 19001



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C002-M

CHINA QUALITY MARK CERTIFICATION GROUP

Address: No.33, Zengguang Road, Haidian District, Beijing, 100048, P.R. China

<http://www.cqm.com.cn>



CQM is a partner of:



QY 0033156

CERTIFICATE

Quality Management Systems Certificate

Attachment (Page 1 of 1)

Certificate Number: 00220Q24296R1M

Organization	Certification Address(Post Code)	This certificate is valid to the following product(s)service
Phono Solar Technology Co., Ltd.	No.1, Xinghuo Road, Hi-Tech Zone, Nanjing City, Jiangsu, P.R.China(210032)	Manufacture and sales of silicon solar module
SUMEC Power Tools Co., Ltd.	Sumec Technology Industrial Park, Coastal Economic Development Zone, Dongtai City, Jiangsu, P.R.China(224200)	Manufacture of silicon solar module

Issued on: 2020-09-03

Effective date: 2020-09-03

Validity Date: 2023-09-25

Registration Number: CQM-32-2020-0216-0001

(The attachment is effective only using with home page)



GB/T 19001



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C002-M

CHINA QUALITY MARK CERTIFICATION GROUP

Address: No.33, Zengguang Road, Haidian District, Beijing, 100048, P.R. China

<http://www.cqm.com.cn>



CQM is a partner of:



THE INTERNATIONAL CERTIFICATION NETWORK

QY 0033157

CERTIFICATE

环境管理体系认证证书

证书编号: 00220E32535R1M

兹证明

江苏辉伦太阳能科技有限公司

统一社会信用代码: 91320191674909042W

住所: 江苏省南京市高新区星火路1号

与其他场所共同构成的单一管理体系符合

GB/T 24001-2016/ISO 14001:2015

《环境管理体系 要求及使用指南》

覆盖的产品和服务

硅晶体太阳能组件的生产和销售及相关管理活动

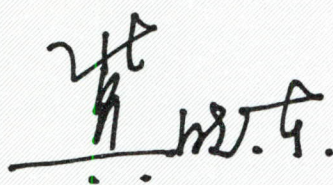
覆盖的各场所及认证范围见附件

生效日期: 2020年09月01日

有效期至: 2023年08月28日

注册号: CQM-32-2020-0216-0002

(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 或方圆标志认证集团官方网站上查询, 也可通过验证《确认证书》确认本证书的有效性)



二零二零年九月一日

CQM 是国际认证联盟的成员

— I Net —

THE INTERNATIONAL CERTIFICATION NETWORK



GB/T 24001



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C002-M

方圆标志认证集团

地址: 北京市海淀区增光路33号 (100048)

<http://www.cqm.com.cn>

E 0085847

CERTIFICATE

环境管理体系认证证书

附件(第 1 页 共 1 页)

证书编号: 00220E32535R1M

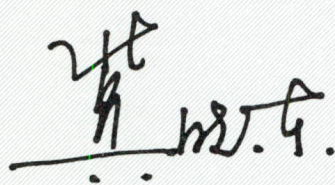
场所名称	认证地址(邮编)	覆盖的产品及其过程
江苏辉伦太阳能科技有限公司	江苏省南京市高新区星火路 1 号 (210032)	硅晶体太阳能组件的生产和销售及相关管理活动
江苏苏美达动力工具有限公司	江苏省东台市沿海经济开发区苏美达科技产业园 (224200)	硅晶体太阳能组件的生产及相关管理活动

生效日期: 2020 年 09 月 01 日

有效期至: 2023 年 08 月 28 日

注册号: CQM-32-2020-0216-0002

(本附件与主页共同使用方为有效)



二零二零年九月一日

CQM 是国际认证联盟的成员

I Net

THE INTERNATIONAL CERTIFICATION NETWORK



GB/T 24001



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C002-M

方圆标志认证集团

地址: 北京市海淀区增光路33号 (100048)

<http://www.cqm.com.cn>

E 0085848

CERTIFICATE

Environmental Management Systems Certificate

Certificate Number: 00220E32535R1M

CQM hereby certifies that

Phono Solar Technology Co., Ltd.

United Social Credit Code:91320191674909042W

Domicile:No.1, Xinghuo Road, Hi-Tech Zone, Nanjing City, Jiangsu, P.R.China

and other sites has implemented and maintains a Environmental Management System which fulfils the requirements of the following standards

GB/T 24001-2016/ISO 14001:2015

*Environmental management systems-
Requirements with guidance for use*

This certificate is valid to the following product(s)/service:

Manufacture and sales of silicon solar module and related management activities

For the each site and certification scope to the attachment

Issued on: 2020-09-01

Effective date: 2020-09-01

Validity Date: 2023-08-28

Registration Number: CQM-32-2020-0216-0002

The validity of the certificate can be checked on www.cnca.gov.cn, *Certificate Confirmation* and CQM website



GB/T 24001



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C002-M

CQM is a partner of:
I Net
THE INTERNATIONAL CERTIFICATION NETWORK

CHINA QUALITY MARK CERTIFICATION GROUP

Address: No.33, Zengguang Road, Haidian District, Beijing, 100048, P.R. China

<http://www.cqm.com.cn>

EY 0020433

CERTIFICATE

Environmental Management Systems Certificate

Attachment (Page 1 of 1)

Certificate Number: 00220E32535R1M

Organization	Certification Address(Post Code)	This certificate is valid to the following product(s)service
Phono Solar Technology Co., Ltd.	No.1, Xinghuo Road, Hi-Tech Zone, Nanjing City, Jiangsu, P.R.China(210032)	Manufacture and sales of silicon solar module and related management activities
SUMEC Power Tools Co., Ltd.	Sumec Technology Industrial Park, Coastal Economic Development Zone, Dongtai City, Jiangsu, P.R.China(224200)	Manufacture of silicon solar module and related management activities

Issued on: 2020-09-01

Effective date: 2020-09-01

Validity Date: 2023-08-28

Registration Number: CQM-32-2020-0216-0002

(The attachment is effective only using with home page)



GB/T 24001



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C002-M

CQM is a partner of:

I Net

THE INTERNATIONAL CERTIFICATION NETWORK

CHINA QUALITY MARK CERTIFICATION GROUP

Address: No.33, Zengguang Road, Haidian District, Beijing, 100048, P.R. China

<http://www.cqm.com.cn>

EY 0020434

CERTIFICATE



职业健康安全管理体系 认证证书

证书编号：00220S22266R0M

兹证明

江苏辉伦太阳能科技有限公司

统一社会信用代码：91320191674909042W

住所：江苏省南京市高新区星火路1号

与其他场所共同构成的单一管理体系符合

GB/T 45001-2020/ISO 45001:2018

《职业健康安全管理体系 要求及使用指南》

覆盖的产品和服务

硅晶体太阳能组件的生产和销售及相关管理活动

覆盖的各场所及认证范围见附件

生效日期：2020年09月01日

有效期至：2023年08月31日

注册号：CQM-32-2020-0216-0003

(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 或方圆标志认证集团官方网站上查询，也可通过验证《确认证书》确认本证书的有效性)



二零二零年九月一日

CQM 是国际认证联盟的成员



GB/T 45001



中国认可
管理体系
MANAGEMENT SYSTEM
CNAS C002-M

方圆标志认证集团

地址：北京市海淀区增光路33号 (100048)

<http://www.cqm.com.cn>

A 0024966

CERTIFICATE

职业健康安全管理体系 认证证书

附件(第 1 页 共 1 页)

证书编号: 00220S22266R0M

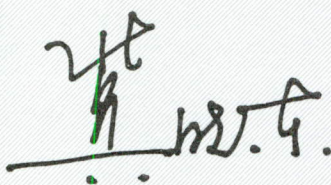
场所名称	认证地址(邮编)	覆盖的产品及其过程
江苏辉伦太阳能科技有限公司	江苏省南京市高新区星火路 1 号(210032)	硅晶体太阳能组件的生产和销售及相关管理活动
江苏苏美达动力工具有限公司	江苏省东台市沿海经济开发区苏美达科技产业园(224200)	硅晶体太阳能组件的生产及相关管理活动

生效日期: 2020 年 09 月 01 日

有效期至: 2023 年 08 月 31 日

注册号: CQM-32-2020-0216-0003

(本附件与主页共同使用方为有效)



二零二零年九月一日

CQM 是国际认证联盟的成员

I Net
THE INTERNATIONAL CERTIFICATION NETWORK



GB/T 45001



中国认可
管理体系
MANAGEMENT SYSTEM
CNAS C002-M

方圆标志认证集团

地址: 北京市海淀区增光路33号 (100048)

<http://www.cqm.com.cn>

A 0024967

CERTIFICATE



Occupational Health and Safety Management Systems Certificate

Certificate Number: 00220S22266R0M

CQM hereby certifies that

Phono Solar Technology Co., Ltd.

United Social Credit Code:91320191674909042W

Domicile:No.1, Xinghuo Road, Hi-Tech Zone, Nanjing City, Jiangsu, P.R.China

and other sites has implemented and maintains a Occupational Health and Safety Management System which fulfils the requirements of the following standards

GB/T 45001-2020/ISO 45001:2018

*Occupational health and safety management
systems -- Requirements with guidance for use*

This certificate is valid to the following product(s)/service:

Manufacture and sales of silicon solar module and related management activities

For the each site and certification scope to the attachment

Issued on: 2020-09-01

Effective date: 2020-09-01

Validity date: 2023-08-31

Registration Number: CQM-32-2020-0216-0003

The validity of the certificate can be checked on www.cnca.gov.cn, *Certificate Confirmation* and CQM website



GB/T 45001



中国认可
管理体系
MANAGEMENT SYSTEM
CNAS C002-M



CHINA QUALITY MARK CERTIFICATION GROUP

Address: No.33, Zengguang Road, Haidian District, Beijing, 100048, P.R. China

<http://www.cqm.com.cn>

© 0022925

CERTIFICATE



Occupational Health and Safety Management Systems Certificate

Attachment (Page 1 of 1)

Certificate Number: 00220S22266R0M

Organization	Certification Address(Post Code)	This certificate is valid to the following product(s)service
Phono Solar Technology Co., Ltd.	No.1, Xinghuo Road, Hi-Tech Zone, Nanjing City, Jiangsu, P.R.China(210032)	Manufacture and sales of silicon solar module and related management activities
SUMEC Power Tools Co., Ltd.	Sumec Technology Industrial Park, Coastal Economic Development Zone, Dongtai City, Jiangsu, P.R.China(224200)	Manufacture of silicon solar module and related management activities

Issued on: 2020-09-01

Effective date: 2020-09-01

Validity Date: 2023-08-31

Registration Number: CQM-32-2020-0216-0003

(The attachment is effective only using with home page)



中国认可
管理体系
MANAGEMENT SYSTEM
CNAS C002-M

GB/T 45001

CHINA QUALITY MARK CERTIFICATION GROUP

Address: No.33, Zengguang Road, Haidian District, Beijing, 100048, P.R. China

<http://www.cqm.com.cn>

© 0022926

CQM is a partner of:



THE INTERNATIONAL CERTIFICATION NETWORK



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

CQM has issued an IQNet recognized certificate that the organization:

Phono Solar Technology Co., Ltd.

for the following scope:

**Manufacture and sales of silicon solar module and related management activities
For the each site and certification scope to the attachment**

has implemented and maintains a

Environmental Management System

which fulfils the requirements of the following standard:

ISO 14001:2015

Issued on:2020-09-01

Expires on: 2023-08-28

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document

Registration Number: CN-00220E32535R1M



Alex Stoichitoiu
President of IQNet

Ji XiaoDong
General Manager of CQM



IQNet Partners*:

AENOR Spain AFNOR Certification France APCER Portugal CCC Cyprus CISQ Italy
CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany EAGLE Certification Group USA
FCAV Brazil FONDONORMA Venezuela ICONTEC Colombia Inspecta Sertifiointi Oy Finland INTECO Costa Rica
IRAM Argentina JQA Japan KFQ Korea MIRTEC Greece MSZT Hungary Nemko AS Norway NSAI Ireland
NYCE-SIGE México PCBC Poland Quality Austria Austria RR Russia SII Israel SIQ Slovenia
SIRIM QAS International Malaysia SQS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey YUQS Serbia

* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

CQM has issued an IQNet recognized certificate that the organization:

Annex (1) to IQNet Certificate Number CN-00220E32535R1M

Organization	Certification Address(Post Code)	This certificate is valid to the following product(s)service
Phono Solar Technology Co., Ltd.	No.1, Xinghuo Road, Hi-Tech Zone, Nanjing City, Jiangsu, P.R.China(210032)	Manufacture and sales of silicon solar module and related management activities
SUMEC Power Tools Co., Ltd.	Sumec Technology Industrial Park, Coastal Economic Development Zone, Dongtai City, Jiangsu, P.R.China(224200)	Manufacture of silicon solar module and related management activities

(This annex is effective only using with home page)

Issued on:2020-09-01

Expires on: 2023-08-28

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document



Alex Stoichitoiu
President of IQNet

Ji XiaoDong
General Manager of CQM



IQNet Partners*:

AENOR Spain AFNOR Certification France APCER Portugal CCC Cyprus CISQ Italy
CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany EAGLE Certification Group USA
FCAV Brazil FONDONORMA Venezuela ICONTEC Colombia Inspecta Sertifiointi Oy Finland INTECO Costa Rica
IRAM Argentina JQA Japan KFQ Korea MIRTEC Greece MSZT Hungary Nemko AS Norway NSAI Ireland
NYCE-SIGE México PCBC Poland Quality Austria Austria RR Russia SII Israel SIQ Slovenia
SIRIM QAS International Malaysia SQS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey YUQS Serbia

* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

CQM has issued an IQNet recognized certificate that the organization:

Phono Solar Technology Co., Ltd.

for the following scope:

Manufacture and sales of silicon solar module

For the each site and certification scope to the attachment

has implemented and maintains a

Quality Management System

which fulfils the requirements of the following standard:

ISO 9001:2015

Issued on: 2020-09-03

Expires on: 2023-09-25

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document

Registration Number: CN-00220Q24296R1M



Alex Stoichitoiu
President of IQNet

Ji XiaoDong
General Manager of CQM



IQNet Partners*:

AENOR Spain AFNOR Certification France APCER Portugal CCC Cyprus CISQ Italy
CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany EAGLE Certification Group USA
FCAV Brazil FONDONORMA Venezuela ICONTEC Colombia Inspecta Sertifiointi Oy Finland INTECO Costa Rica
IRAM Argentina JQA Japan KFQ Korea MIRTEC Greece MSZT Hungary Nemko AS Norway NSAI Ireland
NYCE-SIGE México PCBC Poland Quality Austria Austria RR Russia SII Israel SIQ Slovenia
SIRIM QAS International Malaysia SQS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey YUQS Serbia

* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

CQM has issued an IQNet recognized certificate that the organization:

Annex (1) to IQNet Certificate Number CN-00220Q24296R1M

Organization	Certification Address(Post Code)	This certificate is valid to the following product(s)service
Phono Solar Technology Co., Ltd.	No.1, Xinghuo Road, Hi-Tech Zone, Nanjing City, Jiangsu, P.R.China(210032)	Manufacture and sales of silicon solar module
SUMEC Power Tools Co., Ltd.	Sumec Technology Industrial Park, Coastal Economic Development Zone, Dongtai City, Jiangsu, P.R.China(224200)	Manufacture of silicon solar module

(This annex is effective only using with home page)

Issued on: 2020-09-03

Expires on: 2023-09-25

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document



Alex Stoichitoiu
President of IQNet

Ji XiaoDong
General Manager of CQM



IQNet Partners*:

AENOR Spain AFNOR Certification France APCER Portugal CCC Cyprus CISQ Italy
CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany EAGLE Certification Group USA
FCAV Brazil FONDONORMA Venezuela ICONTEC Colombia Inspecta Sertifointi Oy Finland INTECO Costa Rica
IRAM Argentina JQA Japan KFQ Korea MIRTEC Greece MSZT Hungary Nemko AS Norway NSAI Ireland
NYCE-SIGE México PCBC Poland Quality Austria Austria RR Russia SII Israel SIQ Slovenia
SIRIM QAS International Malaysia SQS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey YUQS Serbia



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

CQM has issued an IQNet recognized certificate that the organization:

Phono Solar Technology Co., Ltd.

for the following scope:

**Manufacture and sales of silicon solar module and related management activities
For the each site and certification scope to the attachment**

has implemented and maintains a

Occupational health and safety Management System

which fulfils the requirements of the following standard:

ISO 45001:2018

Issued on: 2020-09-01

Expires on: 2023-08-31

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document

Registration Number: CN-00220S22266R0M



Alex Stoichitoiu
President of IQNet

Ji XiaoDong
General Manager of CQM



IQNet Partners*:

AENOR Spain AFNOR Certification France APCER Portugal CCC Cyprus CISQ Italy
CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany EAGLE Certification Group USA
FCAV Brazil FONDONORMA Venezuela ICONTEC Colombia Inspecta Sertifiointi Oy Finland INTECO Costa Rica
IRAM Argentina JQA Japan KFQ Korea MIRTEC Greece MSZT Hungary Nemko AS Norway NSAI Ireland
NYCE-SIGE México PCBC Poland Quality Austria Austria RR Russia SII Israel SIQ Slovenia
SIRIM QAS International Malaysia SQS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey YUQS Serbia

* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

CQM has issued an IQNet recognized certificate that the organization:

Annex (1) to IQNet Certificate Number CN-00220S22266R0M

Organization	Certification Address(Post Code)	This certificate is valid to the following product(s)service
Phono Solar Technology Co., Ltd.	No.1, Xinghuo Road, Hi-Tech Zone, Nanjing City, Jiangsu, P.R.China(210032)	Manufacture and sales of silicon solar module and related management activities
SUMEC Power Tools Co., Ltd.	Sumec Technology Industrial Park, Coastal Economic Development Zone, Dongtai City, Jiangsu, P.R.China(224200)	Manufacture of silicon solar module and related management activities

(This annex is effective only using with home page)

Issued on: 2020-09-01

Expires on: 2023-08-31

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document



Alex Stoichitoiu
President of IQNet

Ji XiaoDong
General Manager of CQM



IQNet Partners*:

AENOR Spain AFNOR Certification France APCER Portugal CCC Cyprus CISQ Italy
CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany EAGLE Certification Group USA
FCAV Brazil FONDONORMA Venezuela ICONTEC Colombia Inspecta Sertifiointi Oy Finland INTECO Costa Rica
IRAM Argentina JQA Japan KFQ Korea MIRTEC Greece MSZT Hungary Nemko AS Norway NSAI Ireland
NYCE-SIGE México PCBC Poland Quality Austria Austria RR Russia SII Israel SIQ Slovenia
SIRIM QAS International Malaysia SQS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey YUQS Serbia

* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com