

证书 CN24/00005497

下述组织

宸美(厦门)光电有限公司

统一社会信用代码 913502003105460681

注册地址: 厦门火炬高新区信息光电园岐山北路 515 号二、三、四号楼
经营地址: 中国福建省厦门火炬高新区信息光电园岐山北路 515 号
B 栋 3-4 层、F 栋 2 层东侧、F 栋 3-6 层、C 栋、G 栋



的管理体系已经过审核, 并被证明符合下述要求

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

所涉及的活动范围覆盖

证书的注册范围显示在第二页上

获证组织上年度和本年度的单位产品综合能耗和万元产值能耗及能耗核算边界见标有相同证书注册号的证书附件, 证书附件是本证书的组成部分



该证书的有效期自 2024 年 08 月 23 日至 2027 年 08 月 22 日
并须经过符合要求的监督审核保持有效
持续认证至少在证书失效前 60 天执行
版本号 1. 初始注册日期 2024 年 08 月 23 日

在此范围内出具了多张证书
主证书编号为 CN24/00005497

该证书为多地址证书, 其他具体地址在后续页上列出

签署

David Xin
Sr. Director - Business Assurance
通标标准技术服务有限公司

北京市阜成路 73 号世纪裕惠大厦 16 层 100142

电话: +86 (0)10 6845-6699 传真: +86 (0)10 6845-8121 www.sgs.com

本证书信息可在国家认证认可监督管理委员会公示的网站 www.cnca.gov.cn 上查询



证书 CN24/00005497, 续



宸美(厦门)光电有限公司

**GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013**



版本号 1.

认证范围

触控屏模组、触控显示模组、触控面板的设计和制造，触控显示系统的光学玻璃的制造过程涉及到的能源采购、接收、贮存、加工转换、输配、使用、余热余能回收利用过程的管理及节能技术的应用。

获证组织上年度和本年度的单位产品综合能耗和万元产值能耗及能耗核算边界见标有相同证书注册号的证书附件，证书附件是本证书的组成部分

附属机构

宸鸿科技(厦门)有限公司

注册地址：厦门火炬高新区信息光电园坂尚路 199 号

经营地址：中国福建省厦门火炬高新区信息光电园坂尚路 199 号
C 栋 1 层、D 栋 1 层、D 栋 3-5 层



祥达光学(厦门)有限公司集美分公司

注册地址：中国福建省厦门集美区集美大道 190 号 1# 厂房 1-8 楼

经营地址：中国福建省厦门集美区集美大道 190 号 1# 厂房 1-8 楼

祥达光学(厦门)有限公司

注册地址：厦门火炬高新区(翔安)产业区民安大道 996 号

经营地址：中国福建省厦门火炬高新区(翔安)产业区民安大道 996 号
B 栋、C 栋



Certificate CN24/00005497

The management system of

TPK Advanced Solutions (Xiamen) Inc.

Unified Social Credit Code 913502003105460681

Business Registration Address: Buildings 2, 3, and 4, No. 515, Qishan North Road, Information Optoelectronics Park, Xiamen Torch High-tech Zone
Business Operation Address: 3rd to 4th floor of B building, east side of 2nd floor and 3rd to 6th floor of F building, C building, G building, No. 515 Qishan North Road, Information Optoelectronic Park, Xiamen, Torch High tech Zone, Fujian Province, P.R. China



has been assessed and certified as meeting the requirements of

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

For the following activities

The scope of this certification appears on page 2 of this certificate.

For the detail information regarding boundaries and comprehensive energy consumption, please see the appendix with the same number of this certificate and it is the component of this certificate.

This certificate is valid from 23 August 2024 until 22 August 2027 and remains valid subject to satisfactory surveillance audits.

Re certification audit due a minimum of 60 days before the expiration date
Issue 1. Certified since 23 August 2024



Multiple certificates have been issued for this scope
The main certificate is numbered CN24/00005497

This is a multi-site certification
Additional site details are listed on subsequent pages

Authorized by

David Xin

Sr. Director - Business Assurance

SGS CSTC Standards Technical Services Co., Ltd.

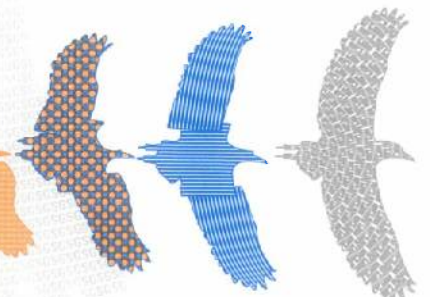
16F Century YuHui Mansion, No. 73 Fucheng Road, Beijing, P.R. CHINA 100142

t +86 (0)10 6845-6699 f +86 (0)10 6845-8121 www.sgs.com

The certification information can be verified on the web site of Certification and Accreditation Administration of the People's Republic of China www.cnca.gov.cn



Page 1 of 2



This document is an authentic electronic certificate for Client business purposes use only. Printed version of the electronic certificate are permitted and will be considered as a copy. This document is issued by the Company subject to SGS General Conditions of certification services available on [Terms and Conditions](#)]
SGS. Attention is drawn to the limitation of liability, indemnification and jurisdictional clauses contained therein. This document is copyright protected and any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful.

Certificate CN24/00005497, continued

TPK Advanced Solutions (Xiamen) Inc.

**GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013**



Issue 1.

For the following activities

Design and manufacturing of touch screen modules, touch display modules, touch panels, manufacturing of optical glass for touch display systems involving management of energy procurement, receiving, storage, processing and conversion, transmission and distribution, use, waste heat and waste energy recycling and the utilization of energy-saving technologies.



For the detail information regarding boundaries and comprehensive energy consumption, please see the appendix with the same number of this certificate and it is the component of this certificate.

Additional facilities

TPK Touch Solutions (Xiamen) Inc.

Business Registration Address: No. 199, Ban Shang Road, Torch Hi-Tech Industrial Development Zone, Xiamen

Business Operation Address: 1st floor of C Building, 1st & 3-5th Floor of Building D No. 199, Ban Shang Road, Torch Hi-Tech Industrial Development Zone, Xiamen, Fujian Province, P.R. China

TPK Glass Solutions (Xiamen) Inc. Jimei Branch

Business Registration Address: 1st-8th floor, 1# Plant, No. 190, Jimei Avenue, Jimei District, Xiamen, Fujian Province, P.R. China

Business Operation Address: 1st-8th floor, 1# Plant, No. 190, Jimei Avenue, Jimei District, Xiamen, Fujian Province, P.R. China

TPK Glass Solutions (Xiamen) Inc.

Business Registration Address: No. 996 Min'an Avenue, Xiamen Torch High-tech Zone (Xiang'an) Industrial Zone

Business Operation Address: Building B and Building C, No. 996 Min'an Avenue, Xiamen Torch High-tech Zone (Xiang'an) Industrial Zone, Fujian Province, P.R. China

宸美(厦门)光电有限公司

统一社会信用代码 913502003105460681
 中国福建省厦门火炬高新区信息光电园岐山北路 515 号
 B 栋 3-4 层、F 栋 2 层东侧、F 栋 3-6 层、C 栋、G 栋

GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013

版本号 1



获证组织能效指标及能耗核算边界

审核类型及时间	审核周期内单位产品/产值能耗	能耗核算边界
初次认证审核 2024 年 7 月 22-26 日	<p>2023 年 1 月-2023 年 12 月</p> <p>触控屏模组: 0.0053 吨标准煤/平方米 触控面板: 0.0059 吨标准煤/平方米 触控显示模组: 0.0316 吨标准煤/平方米 触控显示模组 3.7951 吨标准煤/万片 光学玻璃: 0.0084 吨标准煤/平方米</p> <p>2024 年 1 月-2024 年 6 月</p> <p>触控屏模组: 0.0052 吨标准煤/平方米 触控面板: 0.0054 吨标准煤/平方米 触控显示模组: 0.0203 吨标准煤/平方米 触控显示模组 3.5079 吨标准煤/万片 光学玻璃: 0.0073 吨标准煤/平方米</p>	<p>Part 1: 位于中国福建省厦门火炬高新区信息光电园岐山北路 515 号 B 栋 3-4 层、F 栋 2 层东侧、F 栋 3-6 层、C 栋、G 栋的宸美(厦门)光电有限公司, 主要用能过程包括点胶、脱泡、烘烤、贴合、覆膜等生产系统以及配电系统、冰水机组、空压站、废气处理等辅助生产系统以及行政办公等附属生产系统。 2023 年 1 月-2023 年 12 月, 触控屏模组产量为 1633987 平方米 2024 年 1 月-2024 年 6 月, 触控屏模组产量为 788410 平方米</p> <p>Part 2: 位于中国福建省厦门火炬高新区信息光电园坂尚路 199 号 C 栋 1 层、D 栋 1 层、D 栋 3-5 层的宸鸿科技(厦门)有限公司, 主要用能过程包括点胶、脱泡、烘烤、贴合、覆膜、检验等生产系统以及配电系统、冰水机组、空压站、纯水、废水处理等辅助生产系统以及行政办公等附属生产系统。 2023 年 1 月-2023 年 12 月, 触控显示模组产量为 101720 平方米; 触控面板产量为 44376 平方米 2024 年 1 月-2024 年 6 月, 触控显示模组产量为 64639 平方米; 触控面板产量为 23900 平方米</p> <p>Part 3: 位于中国福建省厦门集美区集美大道 190 号 1#厂房 1-8 楼的祥达光学(厦门)有限公司集美分公司, 主要用能过程包括切割、清洗、绑定、光固、贴合、脱泡、覆膜等主要生产系统、冰水机组、空压站等辅助生产系统以及行政办公等辅助生产系统。 2023 年 1 月-2023 年 12 月, 触控显示模组产量为 8226445 片 2024 年 1 月-2024 年 6 月, 触控显示模组产量为 4343189 片</p> <p>Part 4: 位于中国福建省厦门火炬高新区(翔安)产业区民安大道 996 号 B 栋、C 栋的祥达光学(厦门)有限公司, 主要用能过程包括切割、烘干、清洗、钢化、镀膜等生产系统以及配电系统、冰水机组、空压站、纯水处理站、废气处理等辅助生产系统以及行政办公等附属生产系统。 2023 年 1 月-2023 年 12 月, 光学玻璃产量为 336994 平方米; 2024 年 1 月-2024 年 6 月, 光学玻璃产量为 152958 平方米;</p>
第 1 次监督 年月日		
第 2 次监督 年月日		

TPK Advanced Solutions (Xiamen) Inc.

Unified Social Credit Code 913502003105460681
 3rd to 4th floor of B building, east side of 2nd floor and 3rd to 6th floor of F building,
 C building, G building, No. 515 Qishan North Road, Information Optoelectronic Park,
 Xiamen, Torch High tech Zone, Fujian Province, P.R. China

**GB/T 23331-2020/
 ISO 50001:2018
 RB/T 101-2013**

Issue 1



Organization's energy performance indicators and boundaries

Audit type and date	Energy consumption per unit product or unit output value during audit cycle	Boundaries
Initial 22-26 Jul. 2024	<p>From Jan. 2023 to Dec.2023 0.0121 tce/ten thousand yuan touch screen module: 0.0053 tce/m² touch panel: 0.0059 tce/m² ouch display module: 0.0316 tce/m² ouch display module: 3.7951 tce/ten thousand pcs. optical glass: 0.0084 tce/m²</p> <p>From Jan. 2024 to Jun. 2024 0.0115 tce/ten thousand yuan touch screen module: 0.0052 tce/m² ouch panel: 0.0064 tce/m² ouch display module: 0.0203 tce/m² ouch display module: 3.5079 tce/ten thousand pcs. optical glass: 0.0073 tce/m²</p>	<p>Part 1: TPK Advanced Solutions (Xiamen) Inc. Located in 3rd to 4th floor of B building, east side of 2nd floor and 3rd to 6th floor of F building, C building, G building, No. 515 Qishan North Road, Information Optoelectronic Park, Xiamen, Torch High tech Zone, Fujian Province, P.R. China. The main energy consumption processes include the main production systems such as glue dispensing, defoaming, baking, bonding, laminating as well as auxiliary production systems such as power distribution systems, ice water units, air compression stations, exhaust gas treatment, and administrative office systems. From Jan. 2023 to Dec. 2023, the production quantity of touch screen module is 1633987 m² From Jan. 2024 to Jun. 2024, the production quantity of touch screen module is 788410 m²</p> <p>Part 2: TPK Touch Solutions (Xiamen) Inc.. Located in 1st floor of C building, 1st & 3rd-5th floor of D Building No.199, Ban Shang Road, Torch Hi-Tech Industrial Development Zone, Xiamen, Fujian Province, P.R. China. The main energy consumption processes include the main production systems such as dispensing, defoaming, baking, bonding, laminating, inspection, as well as auxiliary production systems such as power distribution systems, ice water units, air compression stations, Pure water, wastewater treatment, and administrative office systems. From Jan. 2023 to Dec. 2023, the production quantity of touch display module is 101720 m², the production quantity of touch panel is 44376 m² From Jan. 2024 to Jun. 2024, the production quantity of touch display module is 64639 m², the production quantity of touch panel is 23900 m²</p> <p>Part 3: Xiangda Optics (Xiamen) Co., Ltd. Jimei Branch located in 1st-8th floor, 1# Plant, No. 190, Jimei Avenue, Jimei District, Xiamen, Fujian Province, P.R. China. The main energy consumption processes include the main production systems such as Cutting, cleaning, binding, photocuring, bonding, defoaming, film covering and other main production systems, ice water units, air compressors and other auxiliary production systems and administrative office and other auxiliary production systems. From Jan. 2023 to Dec. 2023, the production quantity of touch display module is 8226445 pcs. From Jan. 2024 to Jun. 2024, the production quantity of touch display module is 4343189 pcs.</p> <p>Part 4: TPK Glass Solutions (Xiamen) Inc. Located in Building B and Building C, No. 996 Min'an Avenue, Xiamen Torch High-tech Zone (Xiang'an) Industrial Zone, Fujian Province, P.R. China. The main energy consumption processes include the main production systems such as include as cutting, drying, peeling, cleaning, tempering, coating, as well as auxiliary production systems such as power distribution systems, ice water units, air compression stations, pure water stations, waste gas treatment, and administrative office production systems. From Jan. 2023 to Dec. 2023, the production quantity of optical glass is 336994 m²; From Jan. 2024 to Jun. 2024, the production quantity of optical glass is 152958 m²;</p>
1 st Sur		
2 nd Sur		



证书 CN24/00005497.01

宸美(厦门)光电有限公司

统一社会信用代码 913502003105460681

注册地址: 厦门火炬高新区信息光电园岐山北路 515 号二、三、四号楼

经营地址: 中国福建省厦门火炬高新区信息光电园岐山北路 515 号

B 栋 3-4 层、F 栋 2 层东侧、F 栋 3-6 层、C 栋、G 栋

依据主证书 CN24/00005497 中规定的管理体系已经过审核, 并被证明符合下述要求

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

所涉及的活动范围覆盖

触控屏模组的设计和制造过程涉及到的能源采购、接收、
贮存、加工转换、输配、使用、余热余能回收利用过程的
管理及节能技术的应用。

获证组织上年度和本年度的单位产品综合能耗和万元产值能耗及能耗核算边界
见标有相同证书注册号的证书附件, 证书附件是本证书的组成部分

该证书的有效期自 2024 年 08 月 23 日至 2027 年 08 月 22 日
并须经过符合要求的监督审核保持有效
持续认证至少在证书失效前 60 天执行
版本号 1. 初始注册日期 2024 年 08 月 23 日

在此范围内出具了多张证书
主证书编号为 CN24/00005497

本证书的有效期限取决于主证书的有效期限

签署

David Xin

Sr. Director - Business Assurance

通标准技术服务有限公司

北京市阜成路 73 号世纪裕惠大厦 16 层 100142

电话: +86 (0)10 6845-6699 传真: +86 (0)10 6845-8121 www.sgs.com

本证书信息可在国家认证认可监督管理委员会公示的网站 www.cnca.gov.cn 上查询

第 1 页 共 1 页



本文件是真实的电子版证书, 仅供客户用于其商业用途。客户可自行打印, 视同副本。本文件根据 Terms and Conditions | SGS 中认证服务通用条款的要求颁发。请注意其中已包含的责任范围、赔偿和司法管辖事项。本文件受 SGS 版权保护, 任何未经授权的对文件的内容或外观的变更、伪造或篡改均属非法。

Certificate CN24/00005497.01



TPK Advanced Solutions (Xiamen) Inc.

Unified Social Credit Code 913502003105460681

Business Registration Address: Buildings 2, 3, and 4, No. 515, Qishan North Road, Information Optoelectronics Park, Xiamen Torch High-tech Zone
Business Operation Address: 3rd to 4th floor of B building, east side of 2nd floor and 3rd to 6th floor of F building, C building, G building, No. 515 Qishan North Road, Information Optoelectronic Park, Xiamen, Torch High tech Zone, Fujian Province, P.R. China

has been assessed under the management system of the certified organisation defined in the main certificate CN24/00005497 as meeting the requirements of

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

For the following activities

Design and manufacturing of touch screen module involving management of energy procurement, receiving, storage, processing and conversion, transmission and distribution, use, waste heat and waste energy recycling and the utilization of energy-saving technologies.

For the detail information regarding boundaries and comprehensive energy consumption, please see the appendix with the same number of this certificate and it is the component of this certificate

This certificate is valid from 23 August 2024 until 22 August 2027 and remains valid subject to satisfactory surveillance audits.

Re certification audit due a minimum of 60 days before the expiration date
Issue 1. Certified since 23 August 2024

Multiple certificates have been issued for this scope
The main certificate is numbered CN24/00005497

The validity of this certificate depends on the validity of the main certificate



Authorized by

David Xin

Sr. Director - Business Assurance

SGS CSTC Standards Technical Services Co., Ltd.

16F Century YuHui Mansion, No. 73 Fucheng Road, Beijing, P.R. CHINA 100142

t +86 (0)10 6845-6699 f +86 (0)10 6845-8121 www.sgs.com

The certification information can be verified on the web site of Certification and Accreditation Administration of the People's Republic of China www.cnca.gov.cn



Page 1 of 1

This document is an authentic electronic certificate for Client's business purposes use only. Printed version of the electronic certificate are permitted and will be considered as a copy. This document is issued by the Company subject to SGS General Conditions of certification services available on Terms and Conditions [SGS]. Attention is drawn to the limitation of liability, indemnification and jurisdictional clauses contained therein. This document is copyright protected and any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful.

宸美(厦门)光电有限公司

统一社会信用代码 913502003105460681
中国福建省厦门火炬高新区信息光电园岐山北路 515 号
B 栋 3-4 层、F 栋 2 层东侧、F 栋 3-6 层、C 栋、G 栋

GB/T 23331-2020/

ISO 50001:2018

RB/T 101-2013

版本号 1



获证组织能效指标及能耗核算边界

审核类型及时间	审核周期内单位产品/产值能耗	能耗核算边界
初次认证审核 2024年7月22-26日	2023年1月-2023年12月 0.0155吨标准煤/万元 0.0053吨标准煤/平方米 2024年1月-2024年6月 0.0150吨标准煤/万元 0.0052吨标准煤/平方米	位于中国福建省厦门火炬高新区信息光电园岐山北路 515 号 B 栋 3-4 层、F 栋 2 层东侧、F 栋 3-6 层、C 栋、G 栋的宸美(厦门)光电有限公司, 主要用能过程包括点胶、脱泡、烘烤、贴合、覆膜等生产系统以及配电系统、冰水机组、空压站、废气处理等辅助生产系统以及行政办公等附属生产系统。 2023年1月-2023年12月, 触控屏模组产量为 1633987 平方米 2024年1月-2024年6月, 触控屏模组产量为 788410 平方米
第1次监督年月日		
第2次监督年月日		

第1页 共1页

The Appendix of Certificate CN24/00005497.01

TPK Advanced Solutions (Xiamen) Inc.

Unified Social Credit Code 913502003105460681
 3rd to 4th floor of B building, east side of 2nd floor and 3rd to 6th floor of F building,
 C building, G building, No. 515 Qishan North Road, Information Optoelectronic Park,
 Xiamen, Torch High tech Zone, Fujian Province, P.R. China

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

Issue 1



Organization's energy performance indicators and boundaries

Audit type and date	Energy consumption per unit product or unit output value during audit cycle	Boundaries
Initial 22-26 Jul. 2024	From Jan. 2023 to Dec. 2023 0.0155 tce/ten thousand yuan 0.0053 tce/m ² From Jan. 2024 to Jun. 2024 0.0150 tce/ten thousand yuan 0.0052 tce/m ²	TPK Advanced Solutions (Xiamen) Inc. Located in 3 rd to 4 th floor of B building, east side of 2 nd floor and 3 rd to 6 th floor of F building, C building, G building, No. 515 Qishan North Road, Information Optoelectronic Park, Xiamen, Torch High tech Zone, Fujian Province, P.R. China. The main energy consumption processes include the main production systems such as glue dispensing, defoaming, baking, bonding, laminating as well as auxiliary production systems such as power distribution systems, ice water units, air compression stations, exhaust gas treatment, and administrative office systems. From Jan. 2023 to Dec. 2023, the production quantity of touch screen module is 1633987 m ² . From Jan. 2024 to Jun. 2024, the production quantity of touch screen module is 788410 m ² .
1 st Sur		
2 nd Sur		

证书 CN24/00005497.02

宸美(厦门)光电有限公司 宸鸿科技(厦门)有限公司

统一社会信用代码 913502007617257786

注册地址：厦门火炬高新区信息光电园坂尚路 199 号
经营地址：中国福建省厦门火炬高新区信息光电园坂尚路 199 号
C 栋 1 层、D 栋 1 层、D 栋 3-5 层

依据主证书 CN24/00005497 中规定的管理体系已经过审核，并被证明符合下述要求

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

所涉及的活动范围覆盖

触控显示模组、触控面板设计和制造过程涉及到的能源采购、接收、贮存、加工转换、输配、使用、余热余能回收利用过程的管理及节能技术的应用。

获证组织上年度和本年度的单位产品综合能耗和万元产值能耗及能耗核算边界见标有相同证书注册号的证书附件，证书附件是本证书的组成部分

该证书的有效期自 2024 年 08 月 23 日至 2027 年 08 月 22 日
并须经过符合要求的监督审核保持有效
持续认证至少在证书失效前 60 天执行
版本号 1. 初始注册日期 2024 年 08 月 23 日

在此范围内出具了多张证书
主证书编号为 CN24/00005497

本证书的有效期限取决于主证书的有效期限

签署

David Xin

Sr. Director - Business Assurance

通标准技术服务有限公司

北京市阜成路 73 号世纪裕惠大厦 16 层 100142

电话: +86 (0)10 6845-6699 传真: +86 (0)10 6845-8121 www.sgs.com

本证书信息可在国家认证认可监督管理委员会公示的网站 www.cnca.gov.cn 上查询

第 1 页 共 1 页



Certificate CN24/00005497.02

TPK Advanced Solutions (Xiamen) Inc. TPK Touch Solutions (Xiamen) Inc.

Unified Social Credit Code 913502007617257786

Business Registration Address: No.199, Ban Shang Road,
Torch Hi-Tech Industrial Development Zone, Xiamen

Business Operation Address: 1st floor of C Building, 1st & 3-5th Floor of Building D
No. 199, Ban Shang Road, Torch Hi-Tech Industrial Development Zone,
Xiamen, Fujian Province, P.R. China

has been assessed under the management system of the certified organisation defined in the main certificate
CN24/00005497 as meeting the requirements of

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

For the following activities

**Design and manufacturing of touch display module, touch panel involving
management of energy procurement, receiving, storage, processing and
conversion, transmission and distribution, use, waste heat and waste
energy recycling and the utilization of energy-saving technologies.**

For the detail information regarding boundaries and comprehensive energy consumption, please see the
appendix with the same number of this certificate and it is the component of this certificate

This certificate is valid from 23 August 2024 until 22 August 2027
and remains valid subject to satisfactory surveillance audits.

Re certification audit due a minimum of 60 days before the expiration date
Issue 1. Certified since 23 August 2024

Multiple certificates have been issued for this scope
The main certificate is numbered CN24/00005497

The validity of this certificate depends on the validity of the main certificate

Authorized by

David Xin

Sr. Director - Business Assurance

SGS CSTC Standards Technical Services Co., Ltd.

16F Century YuHui Mansion, No. 73 Fucheng Road, Beijing, P.R. CHINA 100142

t +86 (0)10 6845-6699 f +86 (0)10 6845-8121 www.sgs.com

The certification information can be verified on the web site of Certification and Accreditation Administration of
the People's Republic of China www.cnca.gov.cn

Page 1 of 1



This document is an authentic electronic certificate for Client's business purposes
use only. Printed version of the electronic certificate are permitted and will be
considered as a copy. This document is issued by the Company subject to SGS
General Conditions of certification services available on Terms and Conditions |
SGS. Attention is drawn to the limitation of liability, indemnification and
jurisdictional clauses contained therein. This document is copyright protected and
any unauthorized alteration, forgery or falsification of the content or appearance
of this document is unlawful.



宸美(厦门)光电有限公司 宸鸿科技(厦门)有限公司

统一社会信用代码 913502007617257786
中国福建省厦门火炬高新区信息光电园坂尚路 199号
C栋1层、D栋1层、D栋3-5层

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

版本号 1



获证组织能效指标及能耗核算边界

审核类型及时间	审核周期内单位产品/产值能耗	能耗核算边界
初次认证审核 2024年7月22-26日	2023年1月-2023年12月 0.0048吨标准煤/万元 触控面板: 0.0059吨标准煤/平方米 触控显示模组: 0.0316吨标准煤/平方米 2024年1月-2024年6月 0.0041吨标准煤/万元 触控面板: 0.0054吨标准煤/平方米 触控显示模组: 0.0203吨标准煤/平方米	位于中国福建省厦门火炬高新区信息光电园坂尚路199号C栋1层、D栋1层、D栋3-5层的宸鸿科技(厦门)有限公司, 主要用能过程包括点胶、脱泡、烘烤、贴合、覆膜、检验等生产系统以及配电系统、冰水机组、空压站、纯水、废水处理等辅助生产系统以及行政办公等附属生产系统。 2023年1月-2023年12月, 触控显示模组产量为 101720 平方米; 触控面板产量为 44376 平方米 2024年1月-2024年6月, 触控显示模组产量为 64639 平方米; 触控面板产量为 23900 平方米
第1次监督年月日		
第2次监督年月日		

第1页 共1页

The Appendix of Certificate CN24/00005497.02

TPK Advanced Solutions (Xiamen) Inc.
TPK Touch Solutions (Xiamen) Inc.

Unified Social Credit Code 913502007617257786
 1st floor of C Building, 1st & 3-5th Floor of Building D No. 199, Ban Shang Road,
 Torch Hi-Tech Industrial Development Zone, Xiamen, Fujian Province, P.R. China

**GB/T 23331-2020/
 ISO 50001:2018
 RB/T 101-2013**

Issue 1



Organization's energy performance indicators and boundaries

Audit type and date	Energy consumption per unit product or unit output value during audit cycle	Boundaries
Initial 22-26 Jul. 2024	<p>From Jan. 2023 to Dec. 2023 0.0048 tce/ten thousand yuan touch panel: 0.0059 tce/m² ouch display module: 0.0316 tce/m²</p> <p>From Jan. 2024 to Jun. 2024 0.0041 tce/ten thousand yuan ouch panel: 0.0054 tce/m² ouch display module: 0.0203 tce/m²</p>	<p>TPK Touch Solutions (Xiamen) Inc.. Located in 1st floor of C building, 1st & 3rd-5th floor of D Building No. 199, Ban Shang Road, Torch Hi-Tech Industrial Development Zone, Xiamen, Fujian Province, P.R. China. The main energy consumption processes include the main production systems such as dispensing, defoaming, baking, bonding, laminating, inspection, as well as auxiliary production systems such as power distribution systems, ice water units, air compression stations, Pure water, wastewater treatment, and administrative office systems.</p> <p>From Jan. 2023 to Dec. 2023, the production quantity of touch display module is 101720 m²; the production quantity of touch panel is 44376 m²</p> <p>From Jan. 2024 to Jun. 2024, the production quantity of touch display module is 64639 m²; the production quantity of touch panel is 23900 m²</p>
1 st Sur		
2 nd Sur		



证书 CN24/00005497.03

宸美(厦门)光电有限公司 祥达光学(厦门)有限公司集美分公司

统一社会信用代码 91350200MA8UQ69N26

注册地址: 中国福建省厦门集美区集美大道 190 号 1#厂房 1-8 楼
经营地址: 中国福建省厦门集美区集美大道 190 号 1#厂房 1-8 楼

依据主证书 CN24/00005497 中规定的管理体系已经过审核, 并被证明符合下述要求



GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

所涉及的活动范围覆盖

触控显示模组制造过程涉及到的能源采购、接收、贮存、加工转换、
输配、使用、余热余能回收利用过程的管理及节能技术的应用。

获证组织上年度和本年度的单位产品综合能耗和万元产值能耗及能耗核算边界
见标有相同证书注册号的证书附件, 证书附件是本证书的组成部分

该证书的有效期自 2024 年 08 月 23 日至 2027 年 08 月 22 日
并须经过符合要求的监督审核保持有效
持续认证至少在证书失效前 60 天执行
版本号 1. 初始注册日期 2024 年 08 月 23 日

在此范围内出具了多张证书
主证书编号为 CN24/00005497

本证书的有效期限取决于主证书的有效期限



签署

David Xin

Sr. Director - Business Assurance

通标准技术服务有限公司

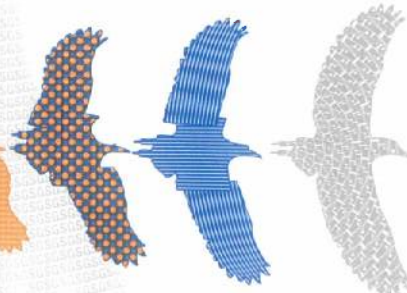
北京市阜成路 73 号世纪裕惠大厦 16 层 100142

电话: +86 (0)10 6845-6699 传真: +86 (0)10 6845-8121 www.sgs.com

本证书信息可在国家认证认可监督管理委员会公示的网站 www.cnca.gov.cn 上查询



第 1 页 共 1 页



本文件是真实的电子版证书, 仅供客户用于其商业用途, 客户可自行打印, 视同副本。本文件根据 Terms and Conditions | SGS 中认证服务通用条款的要求颁发。请注意其中已包含的责任范围、赔偿和司法管辖事项。本文件受 SGS 版权保护, 任何未经授权的对文件的内容或外观的变更、伪造或篡改皆属非法。

Certificate CN24/00005497.03



TPK Advanced Solutions (Xiamen) Inc. TPK Glass Solutions (Xiamen) Inc. Jimei Branch

Unified Social Credit Code 91350200MA8UQ69N26

Business Registration Address: 1st-8th floor, 1# Plant, No. 190, Jimei Avenue,
Jimei District, Xiamen, Fujian Province, P.R. China

Business Operation Address: 1st-8th floor, 1# Plant, No. 190, Jimei Avenue,
Jimei District, Xiamen, Fujian Province, P.R. China

has been assessed under the management system of the certified organisation defined in the main certificate
CN24/00005497 as meeting the requirements of

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

For the following activities

Manufacturing of touch display module involving management of energy procurement, receiving, storage, processing and conversion, transmission and distribution, use, waste heat and waste energy recycling and the utilization of energy-saving technologies.

For the detail information regarding boundaries and comprehensive energy consumption, please see the appendix with the same number of this certificate and it is the component of this certificate

This certificate is valid from 23 August 2024 until 22 August 2027
and remains valid subject to satisfactory surveillance audits.

Re certification audit due a minimum of 60 days before the expiration date
Issue 1. Certified since 23 August 2024

Multiple certificates have been issued for this scope
The main certificate is numbered CN24/00005497

The validity of this certificate depends on the validity of the main certificate



Authorized by

David Xin

Sr. Director - Business Assurance

SGS CSTC Standards Technical Services Co., Ltd.

16F Century YuHui Mansion, No. 73 Fucheng Road, Beijing, P.R. CHINA 100142

t +86 (0)10 6845-6699 f +86 (0)10 6845-8121 www.sgs.com

The certification information can be verified on the web site of Certification and Accreditation Administration of the People's Republic of China www.cnca.gov.cn



Page 1 of 1

This document is an authentic electronic certificate for Client's business purposes use only. Printed version of the electronic certificate are permitted and will be considered as a copy. This document is issued by the Company subject to SGS General Conditions of certification services available on [Terms and Conditions](#) | SGS. Attention is drawn to the limitation of liability, indemnification and jurisdictional clauses contained therein. This document is copyright protected and any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful.

宸美(厦门)光电有限公司
祥达光学(厦门)有限公司集美分公司

统一社会信用代码 91350200MA8UQ69N26
中国福建省厦门集美区集美大道 190 号 1#厂房 1-8 楼

**GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013**

版本号 1



获证组织能效指标及能耗核算边界

审核类型及时间	审核周期内单位产品/产值能耗	能耗核算边界
初次认证审核 2024年7月22-26日	2023年1月-2023年12月 0.0176 吨标准煤/万元 3.7951 吨标准煤/万片 2024年1月-2024年6月 0.0200 吨标准煤/万元 3.5079 吨标准煤/万片	位于中国福建省厦门集美区集美大道 190 号 1#厂房 1-8 楼的祥达光学(厦门)有限公司集美分公司, 主要用能过程包括切割、清洗、绑定、光围、贴合、脱泡、覆膜等主要生产系统、冰水机组、空压站等辅助生产系统以及行政办公等辅助生产系统。 2023年1月-2023年12月, 触控显示模组产量为 8226445 片。 2024年1月-2024年6月, 触控显示模组产量为 4343189 片。
第1次监督年月日		
第2次监督年月日		

第1页 共1页

TPK Advanced Solutions (Xiamen) Inc.
TPK Glass Solutions (Xiamen) Inc. Jimei Branch

Unified Social Credit Code 91350200MA8UQ69N26
 1st-8th floor, 1# Plant, No. 190, Jimei Avenue, Jimei District, Xiamen, Fujian Province, P.R. China

**GB/T 23331-2020/
 ISO 50001:2018
 RB/T 101-2013**

Issue 1



Organization's energy performance indicators and boundaries

Audit type and date	Energy consumption per unit product or unit output value during audit cycle	Boundaries
Initial 22-26 Jul. 2024	From Jan. 2023 to Dec. 2023 0.0176 tce/ten thousand yuan 3.7951 tce/ten thousand pcs From Jan. 2024 to Jun. 2024 0.0200 tce/ten thousand yuan 3.5079 tce/ten thousand pcs	Xiangda Optics (Xiamen) Co., Ltd. Jimei Branch located in 1 st -8 th floor, 1# Plant, No. 190, Jimei Avenue, Jimei District, Xiamen, Fujian Province, P.R. China. The main energy consumption processes include the main production systems such as Cutting, cleaning, binding, photocuring, bonding, defoaming, film covering and other main production systems, ice water units, air compressors and other auxiliary production systems and administrative office and other auxiliary production systems. From Jan. 2023 to Dec. 2023, the production quantity of touch display module is 8226445 pcs. From Jan. 2024 to Jun. 2024, the production quantity of touch display module is 4343189 pcs.
1 st Sur		
2 nd Sur		



证书 CN24/00005497.04

宸美(厦门)光电有限公司 祥达光学(厦门)有限公司

统一社会信用代码 91350200568401739M

注册地址: 厦门火炬高新区(翔安)产业区民安大道 996 号
经营地址: 中国福建省厦门火炬高新区(翔安)产业区民安大道 996 号
B 栋、C 栋

依据主证书 CN24/00005497 中规定的管理体系已经过审核, 并被证明符合下述要求



GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

所涉及的活动范围覆盖

触控显示系统的光学玻璃的制造过程涉及到的能源采购、接收、
贮存、加工转换、输配、使用、余热余能回收利用过程的
管理及节能技术的应用。

获证组织上年度和本年度的单位产品综合能耗和万元产值能耗及能耗核算边界
见标有相同证书注册号的证书附件, 证书附件是本证书的组成部分

该证书的有效期自 2024 年 08 月 23 日至 2027 年 08 月 22 日
并须经过符合要求的监督审核保持有效
持续认证至少在证书失效前 60 天执行
版本号 1. 初始注册日期 2024 年 08 月 23 日

在此范围内出具了多张证书
主证书编号为 CN24/00005497

本证书的有效期限取决于主证书的有效期限



签署

David Xin

Sr. Director - Business Assurance

通标标准技术服务有限公司

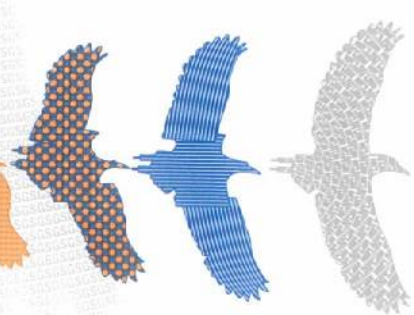
北京市阜成路 73 号世纪裕惠大厦 16 层 100142

电话: +86 (0)10 6845-6699 传真: +86 (0)10 6845-8121 www.sgs.com

本证书信息可在国家认证认可监督管理委员会公示的网站 www.cnca.gov.cn 上查询



第 1 页 共 1 页



本文件是真实的电子版证书, 仅供客户用于其商业用途。客户可自行打印, 视同副本。本文件根据 Terms and Conditions | SGS 中认证服务通用条款的要求颁发。请注意其中已包含的责任范围、赔偿和司法管辖事项。本文件受 SGS 版权保护, 任何未经授权的对文件的内容或外观的变更、伪造或篡改皆属非法。

Certificate CN24/00005497.04



TPK Advanced Solutions (Xiamen) Inc. TPK Glass Solutions (Xiamen) Inc.

Unified Social Credit Code 91350200568401739M

Business Registration Address: No. 996 Min'an Avenue,
Xiamen Torch High-tech Zone (Xiang'an) Industrial Zone
Business Operation Address: Building B and Building C,
No. 996 Min'an Avenue, Xiamen Torch High-tech Zone
(Xiang'an) Industrial Zone, Fujian Province, P.R. China

has been assessed under the management system of the certified organisation defined in the main certificate
CN24/00005497 as meeting the requirements of



GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

For the following activities

**Manufacturing of optical glass for touch display system involving
management of energy procurement, receiving, storage, processing and
conversion, transmission and distribution, use, waste heat and waste
energy recycling and the utilization of energy-saving technologies.**

For the detail information regarding boundaries and comprehensive energy consumption, please see the
appendix with the same number of this certificate and it is the component of this certificate

This certificate is valid from 23 August 2024 until 22 August 2027
and remains valid subject to satisfactory surveillance audits.
Re certification audit due a minimum of 60 days before the expiration date
Issue 1, Certified since 23 August 2024

Multiple certificates have been issued for this scope
The main certificate is numbered CN24/00005497

The validity of this certificate depends on the validity of the main certificate



Authorized by

David Xin

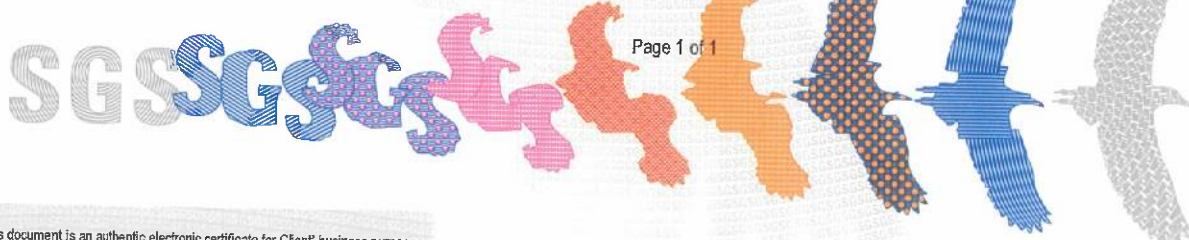
Sr. Director - Business Assurance

SGS CSTC Standards Technical Services Co., Ltd.

16F Century YuHui Mansion, No. 73 Fucheng Road, Beijing, P.R. CHINA 100142

t +86 (0)10 6845-6699 f +86 (0)10 6845-8121 www.sgs.com

The certification information can be verified on the web site of Certification and Accreditation Administration of
the People's Republic of China www.cnca.gov.cn



Page 1 of 1

This document is an authentic electronic certificate for Client's business purposes
use only. Printed version of the electronic certificate are permitted and will be
considered as a copy. This document is issued by the Company subject to SGS
General Conditions of certification services available on [Terms and Conditions](#) |
SGS. Attention is drawn to the limitation of liability, indemnification and
jurisdictional clauses contained therein. This document is copyright protected and
any unauthorized alteration, forgery or falsification of the content or appearance
of this document is unlawful.



证书 CN24/00005497.04 附件

宸美(厦门)光电有限公司 祥达光学(厦门)有限公司

统一社会信用代码 91350200568401739M
中国福建省厦门火炬高新区(翔安)产业区民安大道 996 号 B 栋、C 栋

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

版本号 1



获证组织能效指标及能耗核算边界

审核类型及时间	审核周期内单位产品/产值能耗	能耗核算边界
初次认证审核 2024年7月22-26日	2023年1月-2023年12月 0.0871吨标准煤/万元 光学玻璃: 0.0084吨标准煤/平方米 2024年1月-2024年6月 0.1082吨标准煤/万元 光学玻璃: 0.0073吨标准煤/平方米	位于中国福建省厦门火炬高新区(翔安)产业区民安大道996号B栋、C栋的祥达光学(厦门)有限公司, 主要用能过程包括裁切、烘干、清洗、钢化、镀膜等生产系统以及配电系统、冰水机组、空压站、纯水站、废气处理等辅助生产系统以及行政办公等附属生产系统。 2023年1月-2023年12月, 光学玻璃产量为 336994平方米; 2024年1月-2024年6月, 光学玻璃产量为 152958平方米;
第1次监督年月日		
第2次监督年月日		

第1页 共1页

本文件是真实的电子版证书, 仅供客户用于其商业用途, 客户可自行打印, 视同副本。本文件根据 Terms and Conditions | SGS 中认证服务通用条款的要求颁发, 请注意其中已包含的责任范围、赔偿和司法管辖事项。本文件受 SGS 版权保护, 任何未经授权的对文件的内容或外观的变更、伪造或篡改均属非法

The Appendix of Certificate CN24/00005497.04

TPK Advanced Solutions (Xiamen) Inc.
TPK Glass Solutions (Xiamen) Inc.

Unified Social Credit Code 91350200568401739M
 Building B and Building C, No. 996 Min'an Avenue, Xiamen Torch High-tech Zone
 (Xiang'an) Industrial Zone, Fujian Province, P.R. China

**GB/T 23331-2020/
 ISO 50001:2018
 RB/T 101-2013**

Issue 1



Organization's energy performance indicators and boundaries

Audit type and date	Energy consumption per unit product or unit output value during audit cycle	Boundaries
Initial 22-26 Jul 2024	<p>From Jan. 2023 to Dec. 2023 0.0871 tce/ten thousand yuan optical glass: 0.0084 tce/m²</p> <p>From Jan. 2024 to Jun. 2024 0.1082 tce/ten thousand yuan optical glass: 0.0073 tce/m²</p>	<p>TPK Glass Solutions (Xiamen) Inc. Located in Building B and Building C, No. 996 Min'an Avenue, Xiamen Torch High-tech Zone (Xiang'an) Industrial Zone, Fujian Province, P.R. China. The main energy consumption processes include the main production systems such as include as cutting, drying, peeling, cleaning, tempering, coating, as well as auxiliary production systems such as power distribution systems, ice water units, air compression stations, pure water stations, waste gas treatment, and administrative office production systems.</p> <p>From Jan. 2023 to Dec. 2023, the production quantity of optical glass is 336994 m²; From Jan. 2024 to Jun. 2024, the production quantity of optical glass is 152958 m²;</p>
1 st Sur		
2 nd Sur		

Page 1 of 1