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# 温室气体核查意见书

授予

## 福耀玻璃工业集团股份有限公司

必维认证（北京）有限公司（以下简称“必维”）受福耀玻璃工业集团股份有限公司的委托，对福耀玻璃工业集团股份有限公司报告的温室气体排放量进行独立的第三方核查，本核查意见适用于下文所述工作范围内的相关信息。

### 核查边界：

- 核查场所名称：福耀玻璃工业集团股份有限公司及其所辖 37 家企业
- 核查地址：中国福建省福清市福耀工业区 II 区及其所辖 37 家企业
- 温室气体报告期限：2025 年 01 月 01 日 - 2025 年 12 月 31 日

**组织边界：**福耀玻璃工业集团股份有限公司及其所辖37家企业实施运营控制的活动和设施

**报告边界：**福耀玻璃工业集团股份有限公司及其所辖37家企业组织边界内，浮法玻璃、汽车玻璃、铝合金件、汽车饰件的加工制造和物流配送过程和相关管理活动过程中产生的温室气体排放及其重要的间接温室气体排放

### 经核查的排放量：

- 类别1：直接温室气体排放：1241759.78 tCO<sub>2</sub>e
  - 类别2：输入能源的间接温室气体排放：1377792.91 tCO<sub>2</sub>e
  - 类别3：运输的间接温室气体排放：288592.40 tCO<sub>2</sub>e
  - 类别4：组织使用产品的间接温室气体排放：1922727.48 tCO<sub>2</sub>e
  - 类别5：与使用组织产品有关的间接温室气体排放：3938.38 tCO<sub>2</sub>e
  - 类别6：其它来源的间接温室气体排放：非重要间接排放，未量化
- 经量化的总排放量：4834810.94 tCO<sub>2</sub>e

**限制性叙述：**排除其他非重要间接温室气体排放

### 温室气体核查依据：

- ISO 14064-1:2018 温室气体 - 第1部分：组织层面温室气体排放和移除的量化和报告的要求及指南
- ISO 14064-3:2019 温室气体 - 第3部分：温室气体声明核查和审定规范及指南

### 保证等级：

- 合理保证

### 核查方法：

- 访谈相关人员；
- 评审提供的文件证据；
- 评估用于数据收集、汇总、分析和检查的量化方法和信息系统；
- 核查抽样场所和数据源。

### 核查结论：

基于核查工作实施过程和核查发现，福耀玻璃工业集团股份有限公司及其所辖37家企业在盘查报

认证机构地址：中国北京市东城区东长安街1号东方广场西一办公楼9层902室，邮编：100738  
需进一步澄清本意见书的核查范围，可直接向本意见书持有者查询  
要查证本意见书之有效状态请电：+86 10 59683663 或 +86 20 83073800



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告中提供的温室气体排放量数据，与 ISO 14064-1:2018 温室气体 - 部分1：组织层面温室气体排放和移除的量化和报告的要求及指南是相符的。

**独立、公正和胜任能力声明：**

必维集团是一家拥有190多年历史，在质量、环境、职业健康安全和社会责任领域提供独立验证服务的机构。必维核查团队与福耀玻璃工业集团股份有限公司及其所辖37家企业及其管理人员不存在其它的商业关系，核查团队的核查活动是独立的、公正的，不存在任何利益冲突。必维集团在整个业务范围内实施商业道德准则，以确保员工在日常业务活动中保持最高的道德标准。

核查组长：冯国桥

核查日期：2026年03月02-04日

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## 温室气体核查意见书附件1

福耀玻璃工业集团股份有限公司委托必维认证（北京）有限公司对该公司的报告边界范围内的温室气体排放进行第三方核查，核查边界内的场所信息如下：

编号	名称	地址
总部	福耀玻璃工业集团股份有限公司	福建省福清市福耀工业区2区
1	福建省万达汽车玻璃工业有限公司	福清市福耀工业村1区
2	福耀集团长春有限公司	长春经济技术开发区浦东路4499号
3	福耀集团（上海）汽车玻璃有限公司	上海市嘉定区安亭镇园福路588号
4	福耀玻璃（重庆）有限公司	重庆北部新区翠宁路1号
5	广州福耀玻璃有限公司	广州增城市新塘镇荔新公路段
6	福耀玻璃（湖北）有限公司	湖北省荆门经济开发区交通大道
7	郑州福耀玻璃有限公司	郑州市管城区金岱工业园文德路
8	福耀集团（沈阳）汽车玻璃有限公司	辽宁省沈阳市大东区轩盛3路6号
9	天津泓德汽车玻璃有限公司	天津市西青区张家窝镇安福道13号
10	重庆万盛福耀玻璃有限公司	重庆市万盛经济技术开发区西城大道590号
11	福耀玻璃（苏州）有限公司	苏州市相城经济开发区漕湖街道漕湖大道23号
12	福耀玻璃工业集团股份有限公司（浮法）	福建省福清市福耀工业二区
13	福耀集团通辽有限公司	内蒙古通辽经济技术开发区
14	重庆万盛浮法玻璃有限公司	重庆市万盛区工业园区建设组团
15	本溪福耀浮法玻璃有限公司	福清市福耀工业村1区
16	福耀（长春）巴士玻璃有限公司	长春朝阳经济开发区丙二十路以北、丙十七路以东
17	福耀集团北京福通安全玻璃有限公司	北京市通州区张家湾镇皇木厂村东88号
18	佛山福耀玻璃有限公司	佛山市南海区狮山镇松岗虹岭二路388号
19	广州南沙福耀汽车玻璃有限公司	广州市南沙区市南大道17号（工业仓库）
20	柳州福耀玻璃有限公司	柳州市雒容镇车园纵四路1号



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## 温室气体核查意见书附件2

福耀玻璃工业集团股份有限公司委托必维认证（北京）有限公司对该公司的报告边界范围内的温室气体排放进行第三方核查，核查边界内的场所信息如下：

编号	名称	地址
21	武汉福耀玻璃有限公司	武汉经济技术开发区凤亭一路20号
22	烟台福耀玻璃有限公司	烟台开发区长江路57号02-10A号
23	成都绿榕汽车玻璃有限公司	四川省成都经济技术开发区柏合镇工农村21组218号
24	福耀集团（福建）机械制造有限公司	福建福清福耀工业区2区
25	福州福耀模具科技有限公司	闽侯县上街镇创新路3号
26	福建福耀汽车饰件有限公司	福建福清福耀工业区2区
27	福耀（厦门）精密制造有限公司	厦门市集美区杏林光明路2号
28	福耀汽车铝件(福建)有限公司	福建福清福耀工业区2区
29	福耀（通辽）精铝有限责任公司	内蒙古通辽市霍林郭勒市铝工业园区锦江路42号
30	福耀铝件（长春）有限公司	长春市经济技术开发区浦东路4499号
31	海南文昌福耀砂矿有限公司	海南省文昌市龙楼镇全美村
32	本溪福耀砂矿有限公司	本溪市平山区桥头镇河东村
33	福耀玻璃伊利诺伊有限公司	2768 E. Elwin Rd Decatur, IL. 62521 USA, Decatur
34	福耀欧洲玻璃工业有限公司	Ohmstraße 1, 74211 Leingarten, Germany
35	福耀玻璃俄罗斯有限公司	6, the 1st Avtomobilny Avenue, Kaluga City, Russian Federation
36	福耀玻璃配套北美有限公司	909 N Sheldon Rd, Plymouth, MI, 48170
37	福耀玻璃美国有限公司	800 Fuyao Ave., Moraine, OH 45439, USA



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# Greenhouse Gases Verification Opinion

is awarded to

## FUYAO GLASS INDUSTRY GROUP CO., LTD

Bureau Veritas Certification (Beijing) Co., Ltd. was engaged to conduct an independent verification of the greenhouse gases (GHG) emissions reported by Fuyao Glass Industry Group Co., Ltd. for the period stated below. This verification opinion applies to the related information included within the scope of work described below.

### Boundaries covered by the verification:

- Verification site name: Fuyao Glass Industry Group Co., Ltd. and its subordinate 37 enterprises (Refer to appendix)
- Verification site address: Fuyao Industry Area 2, Fuqing, Fujian, P.R. China and its subordinate 37 enterprises (Refer to appendix)
- Reporting period covered: 01/01/2025 to 31/12/2025

**Organizational boundaries:** Activities and facilities of Fuyao Glass Industry Group Co., Ltd. and its subordinate 37 enterprises under operational or financial control approach.

**Reporting boundaries:** GHG emissions generated in manufacturing, processing and logistics distribution of float glass, automotive glass, aluminum alloy parts and automotive accessories and related management activities within the organizational boundaries, as well as significant indirect greenhouse gases emissions.

### Emissions data verified under reporting boundaries:

- Category 1: Direct GHG emissions: 1241759.78 tCO<sub>2</sub>e
  - Category 2: Indirect GHG emissions from imported energy: 1377792.91 tCO<sub>2</sub>e
  - Category 3: Indirect GHG emissions from transportation: 288592.40 tCO<sub>2</sub>e
  - Category 4: Indirect GHG emissions from products used by organization: 1922727.48 tCO<sub>2</sub>e
  - Category 5: Indirect GHG emissions associated with the use of products from the organization: 3938.38 tCO<sub>2</sub>e
  - Category 6: Indirect GHG emissions from other sources: Non-significant indirect emissions and not quantified
- Total quantified emissions: 4834810.94 tCO<sub>2</sub>e

**Limitations and exclusions:** Excluding other non-significant indirect GHG emissions

### GHG verification protocol used to conduct the verification:

- ISO 14064-1:2018 Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals
- ISO 14064-3:2019 Greenhouse gases - Part 3: Specification with guidance for the verification and validation of greenhouse gas statements

### Level of assurance:

- Reasonable assurance

### GHG verification methodology:

- Interview for relevant personnel.
- Review of the documentary evidence.
- Evaluation of the methodology and information systems for data collection, aggregation,

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Further clarifications regarding the verification scope of this opinion may be obtained by consulting the organization.

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analysis and review.

- Audit of sampled sites and data to verify source.

## Verification conclusion:

Based on the verification process and findings, the GHG emission data in the GHG inventory report from Fuyao Glass Industry Group Co., Ltd. and its subordinate 37 enterprises is in compliance with ISO 14064-1:2018 Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals.

## Statement of independence, impartiality and competence:

Bureau Veritas Group is an independent professional services company that specializes in Quality, Health, Safety, Social and Environmental management with over 190 years' history in providing independent assurance services.

No member of the verification team has a business relationship with Fuyao Glass Industry Group Co., Ltd. and its subordinate 37 enterprises and its directors or managers beyond that required by this assignment. We conducted this verification independently and to our knowledge there has been no conflict of interest.

Bureau Veritas Group has implemented a Code of Ethics across the business to maintain high ethical standards among staff in their day-to-day business activities.

Lead verifier: Guoqiao FENG

No.: EMI-30071692-GZ

Version No.: No.01

Verification date: 02~04/03/2026

Issue date: 29/04/2026

Signed on behalf of  
Bureau Veritas Certification (Beijing) Co., Ltd.



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## Appendix-1 for Greenhouse Gases Verification Opinion

Fuyao Glass Industry Group Co., Ltd. has commissioned Bureau Veritas (Beijing) Co., Ltd. to conduct a third-party verification on the greenhouse gases emissions within its reporting boundary. The participating sites in the verification boundary were below:

No.	Company name	Company address
HQ	Fuyao Glass Industry Group Co., Ltd.	Fuyao Industry Area 2, Fuqing, Fujian, China
1	Fujian Wanda Automobile Glass Industry Co., Ltd.	Fuyao Industry Area 1, Fuding, Fujian, China
2	Fuyao Group Changchun Co., Ltd.	No.4499 Pudong Road, Changchun Economic and Tcehnical Development Zone, Changchun, Jilin, China
3	Fuyao Group(Shanghai)Automotive Glass Co., Ltd.	No.588 Yuanfu Road, Anting Town, Jiading District, Shanghai, China
4	Fuyao Glass (Chongqing) Co., Ltd.	No.590, Xicheng Avenue, Wansheng Economic and Technological development zone, Chongqing City, China
5	Guangzhou Fuyao Glass Co., Ltd	No.1 South Xinyao Road, Xintang Town, Zengcheng District, Guangzhou City, Guangdong, China
6	Fuyao Glass (Hubei) Co., Ltd.	Fuyao II Road, Duodao District, Jingmen City, Hubei, China
7	Zhengzhou Fuyao Glass Co., Ltd.	Wende Road of Jindai Industrial Park, Guancheng District, Zhengzhou City, China
8	Fuyao Group(Shenyang)Automotive Glass Co., Ltd	No.6, Xuantong 3 Road, Dadong District, Shenyang City, Liaoning, China
9	Tianjin Hongde Auto Glass Co., Ltd	No.13, Anfu Road, Zhangjiawo Town, Xiqing District, Tianjin City, China
10	Chongqing Wansheng Fuyao Glass Co., Ltd.	No.590, Xicheng Avenue, Wansheng Economic and Technological development zone, Chongqing City, China
11	Fuyao Glass (Suzhou) Co., Ltd.	Caohu building, Xiancheng District, Suzhou City, Jiansu, China
12	Fuyao Glass Industry Group Co., Ltd.	Fuyao Industry Area 2, Fugqing, Fujian, China
13	Fuyao Group Tongliao Co., Ltd.	No.160 Mingren Avenue, Tongliao City, Inner Mongolia Region, China
14	Chongqing Wansheng Float Glass Co., Ltd.	No.102, Fuyao Road of Wansheng Economic and Technical Development Zone, Chongqing City, China
15	Benxi Fuyao Float Glass Co., Ltd	Fuyao Glass, Qiaobei Economic Development Zone, Pingshan District, Benxi City, Liaoning Province, China
16	Fuyao (Changchun) Bus Glass Co., Ltd.	North of Bing 20th Road and East of Bing 17th Road, Chaoyang Economic Development Zone, Changchun, Jilin Province, China
17	Fuyao Group Beijin Futong Safety Glass Co., Ltd.	No.88 Huangmuchang, Zhangjiawan Town, Tongzhou, Beijing, China
18	Foshan Fuyao Glass Co., Ltd,	388 South Two Hongling Road, Shishan Town, Nanhai District, Foshan, Guangdong, China
19	Fuyao Guangzhou Nansha Automotive Glass Co., Ltd.	No. 17 Shinan Avenue, Nansha District, Guangzhou City, Guangdong, China
20	Liuzhou Fuyao Glass Co., Ltd.	No.1, Cheyuan Zongsi Road, Luorong Town, Liuzhou City, Guangxi, China

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## Appendix-2 for Greenhouse Gases Verification Opinion

Fuyao Glass Industry Group Co., Ltd. has commissioned Bureau Veritas (Beijing) Co., Ltd. to conduct a third-party verification on the greenhouse gases emissions within its reporting boundary. The participating sites in the verification boundary were below:

No.	Company name	Company address
21	Wuhan Fuyao Glass Co., Ltd	No. 20, Fengting 1st Road, Wuhan Economic and Technological Development Zone, Wuhan City, Hubei, China
22	Yantai Fuyao Glass Co., Ltd.	02-10A, No. 57, Changjiang Road, Yantai Development Zone, Yantai City, Shandong, China
23	Chengdu Lvrong Auto Glass Co., Ltd.	No. 218, Group 21, Baihe Gongnong Area, Chengdu Economic and Technological Development Zone, Sichuan Province, China
24	Fuyao Group (Fujian) Machinery Manufacturing Co., Ltd.	Fuyao Industry Area 2, Fuging, Fujian, China
25	Fuzhou Fuyao Mould Technology Co., Ltd.	No.3 Chuangxin Road, Shangjie Town, Minhou County, Fuzhou City, Fujian, China
26	Fujian Fuyao Automotive Trim Co., Ltd.	No.18 Yuejin Village, Shizhu Street, Fuging City, Fujian, China
27	Fuyao (Xiamen) Precision Corp.	No.2 Guangming Road, Xinglin, Jimei District, Xiamen City, Fujian, China
28	Fujian Fuyao Automotive Aluminium System Co., Ltd.	Fuyao Industry Area 2, Fuging, Fujian, China
29	Fuyao (Tongliao) Refined aluminum Co., Ltd	No. 42, Jinjiang Road, Huolingole Industrial Park, Tongliao City, Inner Mongolia Autonomous Region, China
30	Changchun Fuyao Aluminium system Co., Ltd	No. 4499, Pudong Road, Economic and Technological Development Zone, Changchun City, Jilin Province, China.
31	Hainan Wenchang Fuyao Silica Sand Co., Ltd.	Quanmei Village, Longlou Town, Wenchang City, Hainan, China
32	Benxi Fuyao Silica Sand Co., Ltd	Beitai Fuyao Glass factory, Pingshan District, Benxi City, Liaoning Province, China
33	Fuyao Glass Illinois	2768 E. Elwin Rd Decatur, IL. 62521 USA, Decatur
34	Fuyao Europe GmbH	Ohmstraße 1, 74211 Leingarten, Germany
35	FUYAO GLASS RUS Co., Ltd.	6, the 1st Avtomobilny Avenue, Kaluga City, Russian Federation
36	Fuyao Automotive North America Inc	909 N Sheldon Rd, Plymouth, MI, 48170
37	Fuyao Glass America Inc.	800 Fuyao Ave., Moraine, OH 45439, USA

Certification body address: Room 02, 9 / F, West Office Building 1, Oriental Economic and Trade City, Oriental Plaza, No.1 East Chang'an Street, Dongcheng District, Beijing, China. 100738

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