

证书 CN21/31679

下述组织

中芯国际集成电路制造 (深圳)有限公司

统一社会信用代码 914403006729728144

注册地址: 中国广东省深圳市坪山区龙田街道老坑社区高芯路 18 号
经营地址: 中国广东省深圳市坪山区龙田街道老坑社区高芯路 18 号

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

晶圆的生产过程涉及到的能源采购、接收、贮存、
加工转换、输配、使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 09 月 11 日至 2027 年 09 月 10 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 3. 初始注册日期 2021 年 09 月 11 日

签署

David Xin
Sr. Director - Business Assurance

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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

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Certificate CN21/31679

The management system of

Semiconductor Manufacturing International (Shenzhen) Corporation

Unified Social Credit Code 914403006729728144

Business Registration Address: No. 18, Gaoxin Road, Laokeng community, Longtian Street, Pingshan District, Shenzhen City, Guangdong Province, P.R. China

Business Operation Address: No. 18, Gaoxin Road, Laokeng community, Longtian Street, Pingshan District, Shenzhen City, Guangdong 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

Manufacture of wafers involving management of energy procurement, receiving, storage, processing and conversion, transmission and distribution, use 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 11 September 2024 until 10 September 2027 and remains valid subject to satisfactory surveillance audits.

Re certification audit due a minimum of 60 days before the expiration date Issue 3. Certified since 11 September 2021.



Authorized by

David Xin
Sr. Director - Business Assurance

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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

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中芯国际集成电路制造 (深圳)有限公司

统一社会信用代码 914403006729728144
中国广东省深圳市坪山区龙田街道老坑社区高芯路 18 号

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

版本号 3



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
再认证审核 2024年08月 05-06日	2022年9月-2023年5月 单位产品能耗: 1240.15 吨标准煤/万片 单位产值能耗: 0.3049 吨标准煤/万元 2023年6月-2024年6月 单位产品能耗: 829.34 吨标准煤/万片 单位产值能耗: 0.1259 吨标准煤/万元	位于中国广东省深圳市坪山区龙田街道老坑社区高芯路 18 号的中芯国际集成电路制造(深圳)有限公司, 主要用能过程包括成膜、图形转移、功能实现、检测等生产过程和配电系统、中央空调系统、热水锅炉系统、VOC 燃烧炉系统、纯水系统等辅助生产过程。 2022年9月-2023年5月, 晶圆产量为 259156 片 2023年6月-2024年6月, 晶圆产量为 403388 片
第 1 次监督 年 月 日		
第 2 次监督 年 月 日		

The Appendix of Certificate CN21/31679

Semiconductor Manufacturing International (Shenzhen) Corporation

Unified Social Credit Code 914403006729728144
 No. 18, Gaoxin Road, Laokeng community, Longtian Street, Pingshan District,
 Shenzhen City, Guangdong Province, P.R. China

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

Issue 3



Organization's energy performance indicators and boundaries

Audit type and date	Energy consumption per unit product or unit output value during audit cycle	Boundaries
Recertification 05-06 Aug 2024	<p>From Sept., 2022 to May., 2023 Energy consumption per unit product: 1240.15 tce/10K PCS Ten thousand yuan of output value of comprehensive energy consumption: 0.3049 tce/10K ¥RMB</p> <p>From Jun., 2023 to Jun., 2024 Energy consumption per unit product: 829.34 tce/10K PCS Ten thousand yuan of output value of comprehensive energy consumption: 0.1259 tce/10K ¥RMB</p>	<p>Semiconductor Manufacturing International (Shenzhen) Corporation is located in No. 18, Gaoxin Road, Laokeng community, Longtian Street, Pingshan District, Shenzhen City, Guangdong Province, P.R. China. Energy consumption includes production processes including film build, graphic transfer, function implementation and testing and the main auxiliary production processes including power distribution system, central air-conditioning system, hot water boiler system, VOC furnace system and pure water system.</p> <p>From Sept., 2022 to May., 2023, The production quantity of wafer is 259156 PCS; From Jun., 2023 to Jun., 2024, The production quantity of wafer is 403388 PCS;</p>
1 st Sur		
2 nd Sur		