



TÜVRheinland®
Precisely Right.

RN 报告号码: 90136873-001

Audit Report as per 审核报告

ISO 14064-1: 2006

ISO 50001 : 2018

ISO 14046 : 2014

Site1 现场一:

Name 名称: Huizhou TCL Mobile Communication Co.,Ltd. 惠州 TCL 移动通信有限公司

Addr. 地址: No.86, Hechang 7th West Road ,Zhong Kai Hi-tech Development District,
Huizhou,Guangdong 516006 China. 中国广东省惠州市惠城区陈江街道仲恺高新区和畅七
路西 86 号

Site2 现场二:

Name 名称: JRD Communication (Shenzhen) Ltd. 捷开通讯（深圳）有限公司

Addr. 地址: 8/F, Block F4, TCL Communication Technology Building, TCL
International E City, No.1001, Zhong Shan Yuan Road, Nanshan District, Shenzhen,
Guangdong Province 518052, P.R. China. 中国广东省深圳市南山区中山路 1001 号 TCL 国
际 E 城三期 TCL 通讯科技大厦 F4 座 8 楼

Client/客户	Standard(s)/标准	Report Number(s)/报告编号	Verification Type/查验类型
捷开通讯（深圳）有限公司&惠州 TCL 移动通信有限公司	ISO 14064-1: 2006 ISO 50001 : 2018 ISO 14046 : 2014	90136873-001	Regular

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	Name 姓名	Document Review 文件审查	On-Site 现场查验		Technical Review 技术审查
			Stage 1 阶段 1	Stage 2 阶段 2	
Date 日期	/	2021.12.25	/	2021.12.28- 2021.12.29	2022.01.07
Team Leader 查验组长	Lane Lu 陆兆虎	1 days	/	2 days	/
Verifier 查验员	/		/	/	/
Verifier 查验员	/	/	/	/	/
Observer 观察员	/	/	/	/	/
Technical Reviewer 技术审查	Peter Y.F. Chen 陈袁峰	/	/	/	2 day

The applicability of all text passages in blue must be reviewed and aligned if necessary (delete or alter and change colour of text to black).
Please tick if applicable.

1 Verification result 查验结论

Organization of self-declaration effectiveness was verified on site by means of random sampling by an appropriately selected verifier. This applies in particular to the compliance of verification scope with verification scheme and standard requirements. This was done by means of a sampling approach, by conducting interviews and reviewing the appropriate documentation.

组织自我宣告的有效性在现场由适合之查验小组以随机抽样方式加以查验，在这过程中，查验了查验范围是否与查验方案与标准要求一致。此系透过随机查验的方法实行，譬如藉由对相关文件之观察及检查。

<input type="checkbox"/>	The verification revealed nonconformities which have been demonstrably corrected. The corrections and corrective actions taken in this respect have been verified. 查验发现之不符合显示已经消除，矫正与矫正措施已予以查验。
<input checked="" type="checkbox"/>	The current verification revealed the following nonconformities 在本次查验中发现的不符合： Standard(s) 标准: No. of nonconformity 不符合事项数目 ISO 14064-1 0 ISO 14046 ISO 50001

The verifier therefore recommends (provided the effectiveness of corrections and/or corrective actions addressing the identified nonconformities has been verified) 查验小组 (在查验过不符合事项的矫正与矫正措施后)建议:

<input checked="" type="checkbox"/>	Comply with relevant standards mentioned above 满足前述之标准要求
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2 Scope 范围

2.1 Description of the organization 组织概述

Huizhou TCL mobile communication co., LTD. established in March 1999 is a company dedicated to mobile information terminal product development, production, sales and service of modern high-tech enterprises, is China's famous TCL group's pillar enterprises. Company goal is to "create an international mobile communications enterprises" .

At present, the company has the world's leading SMT production lines, professional testing equipment, strong production capacity, even meet the global market demand.The company has a large number of well-known international suppliers, they all get the RoHS certification, meet the requirements of standards such as ISO 9001 , ISO14001 and TS16949. The Company successfully won the certificates of iso9000 / TL9000, ISO9001, ISO14001, SA8000, ISO 45001 management system issued by TUV Rheinland Huizhou TCL mobile communication co., LTD., established in March 1999, is a company dedicated to mobile information terminal product development, production, sales and service of modern high-tech enterprises, is China's famous TCL group's pillar enterprises. Company goal is to "create an international mobile communications enterprises" .

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惠州 TCL 移动通信有限公司成立于 1999 年 3 月，是一家致力于移动信息终端产品研发、生产、销售和服务的现代化高科技企业，是中国著名企业 TCL 集团下属的支柱企业。公司以“创建国际化的移动通信企业”为目标，经过十年的快速发展，公司 TCL-GSM 手机多次荣获“中国名牌”称号。

目前公司拥有世界领先的 SMT 生产线，现金的专业测试设备，强大的生产能力，可即使满足全球市场需求。公司拥有一大批国际知名的供应商做后盾，他们都获得了 RoHS 认证，满足 ISO 9001、ISO14001 以及 TS16949 等标准要求。公司自身成功获得了德国莱茵（TÜV Rheinland）对于 TL9000, ISO9001, ISO14001, SA8000、ISO 45001 管理体系的评审和认证。Huizhou TCL mobile communication co., LTD., established in March 1999, is a company dedicated to mobile information terminal product development, production, sales and service of modern high-tech enterprises, is China's famous TCL group's pillar enterprises. Company goal is to "create an international mobile communications enterprises"。At present, the company has the world's leading SMT production lines, professional testing equipment, strong production capacity, even meet the global market demand. The company has a large number of well-known international suppliers, they all get the RoHS certification, meet the requirements of standards such as ISO 9001, ISO14001 and TS16949. The Company successfully won the certificates of iso9000 / TL9000, ISO9001, ISO14001, SA8000, ISO 45001 management system issued by TUV Rheinland

2.2 Scope of Verification 验证范围

The following sites and their scopes are included in the scope of verification 驗證涵蓋了以下場所及其範圍:

Site No. 场所编号	Sites included in verification 验证涵盖的场所 Name/address of site 场所名称/地址	Scope and processes (product/service) 范围和过程(商品/服务)	Standard (s) 标准	Verified 是否查验
01	Site1 现场一: Name 名称: Huizhou TCL Mobile Communication Co.,Ltd. 惠州 TCL 移动通信有限公司 Addr. 地址: No.86, Hechang 7th West Road ,Zhong Kai Hi-tech Development District, Huizhou, Guangdong 516006 China. 中国广东省惠州市惠城区陈江街道仲恺高新区和畅七路西 86 号	移动信息终端的研发、生产、销售和服务 Mobile information products development, production, sales and service 是一家致力于移动信息终端产品研发、生产、销售和服务是一家致力于移动信息终端产品研发、生产、销售和服务	ISO 14064/ ISO 14046/ ISO 50001	<input checked="" type="checkbox"/>

Verification Report 查验报告

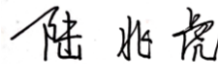
Client/客户	Standard(s)/标准	Report Number(s)/报告编号	Verification Type/查验类型
捷开通讯（深圳）有限公司&惠州 TCL 移动通信有限公司	ISO 14064-1: 2006 ISO 50001 : 2018 ISO 14046 : 2014	90136873-001	Regular

02	<p>Site2 现场二:</p> <p>Name 名称: JRD Communication (Shenzhen) Ltd. 捷开通讯（深圳）有限公司</p> <p>Addr. 地址: 8/F, Block F4, TCL Communication Technology Building, TCL International E City, No.1001, Zhong Shan Yuan Road, Nanshan District, Shenzhen, Guangdong Province 518052, P.R. China. 中国广东省深圳市南山区中山路 1001 号 TCL 国际 E 城三期 TCL 通讯科技大厦 F4 座 8 楼</p>	<p>移动信息终端的研发、生产、销售和服务 Mobile information products development, production, sales and service 是一家致力于移动信息终端产品研发、生产、销售和服务是一家致力于移动信息终端产品研发、生产、销售和服务</p>	<p>ISO 14064/ ISO 14046/ ISO 50001</p>	<input checked="" type="checkbox"/>
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3 Dates 日期

2022-01-06

Date 日期



Verification Team Leader / Verifier(s) 查验组长/查验员

2022-01-07

Date 日期



Technical Reviewer 技术审查

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Annex

A.1 Verification Program 查验方案

Criteria 标准:	ISO/CNS 14064-1 : 2006 , ISO/CNS 14064-3 : 2006 , 温室气体排放量盘查登录管理办法, 温室气体排放量盘查登录作业指引, ISO 50001 : 2018 /9.1.1; ISO 14046 : 2014 /5.3 。
programme 项目方案:	customization to CDP requirements
Intended user 预期使用者:	<input type="checkbox"/> Government 政府 <input checked="" type="checkbox"/> Customer 买家 <input checked="" type="checkbox"/> NGOs 非盈利组织
	<input type="checkbox"/> Investor 投资方 <input checked="" type="checkbox"/> Private use 内部使用 <input checked="" type="checkbox"/> Consumer 消费者
Organizational / Operational boundaries 组织/运营边界:	Sources as presented in inventory spreadsheet for water,energy &GHG provided by client. 来源的展现来自客户提供的水、能源及温室气体盘查清册
Type of verification 查验类型:	<input type="checkbox"/> Base year 基准年 <input checked="" type="checkbox"/> Regular 例行 <input type="checkbox"/> Re-audit/Additional 复查/补充查验
	Base year 基准年: 2019 年
Base year recalculation requirements 基准年重新计算要求:	<input type="checkbox"/> Changes to operational boundaries 營運邊界之改變 <input type="checkbox"/> Ownership and control of GHG sources / sinks transferred into / out of organizational boundaries 温室气体源/汇的所有权与控制权移入/移出组织边界。 <input type="checkbox"/> Changes to GHG quantification methodologies that result in significant changes to quantified GHG emissions or removals 温室气体量化方法改变, 导致温室气体排放量或移除量产生显著改变。 <input type="checkbox"/> Other 其他: N/A
Reason of base year changed 基准年变更理由:	Initial base year 原基准年: 2019 年 Nil/无
Consolidation methodology 汇总方法:	<input type="checkbox"/> Financial control 财务控制 <input checked="" type="checkbox"/> Operational control 运营控制
	<input type="checkbox"/> Equity share 股权比例 <input type="checkbox"/> Other 其他:
Level of assurance 保证等级:	<input checked="" type="checkbox"/> Reasonable assurance 合理 <input type="checkbox"/> Limited assurance 有限
GWP 全球暖化潜势:	<input type="checkbox"/> IPCC 1995 <input type="checkbox"/> IPCC 2001 <input type="checkbox"/> IPCC 2007 <input checked="" type="checkbox"/> IPCC 2013
Materiality and Record keeping 实质性与记录保存:	5 % / 10 Years 年
Change & Size Threshold 变更及排除门槛:	Significance Threshold 显著性门槛:5 % Size Threshold 排除门槛: / % or N/A 未使用(简易计算)
Audit period / date / NCs & OFIs 审核周期/日期/不符合&观察项目数:	Audit period 审核周期:1 年 1 次 / Audit date 审核日期: 2021 年 12 月 28 日-2021 年 12 月 29 日 NCs: 0; OFIs: 0

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Competences 人员能力:	Training 培训: Yes、是
Types of GHGs 温室气体类型:	<input checked="" type="checkbox"/> CO ₂ <input checked="" type="checkbox"/> CH ₄ <input checked="" type="checkbox"/> N ₂ O <input checked="" type="checkbox"/> HFCs <input type="checkbox"/> PFCs <input type="checkbox"/> SF ₆ <input type="checkbox"/> NF ₃ <input type="checkbox"/> R22
	HFCs: R404A, R407C, R134A, R23, R410A, HFC-227ea PFCs: <input type="checkbox"/> Other: /
Other 其他:	/

A.2 Conclusion of verification 查验结论

Based on the information we have received and evaluated, it was verified by TÜV Rheinland that:
基于获取的信息进行评估, 德国莱茵的查验结论:

A.2.1 Verification result 查验现状

Name of site 1 : Huizhou TCL Mobile Communication Co.,Ltd.

场所名称1 : 惠州 TCL 移动通信有限公司

Verification year (period of self-declaration) 查验年(受查验机构声明区间): 2020 年

GHG declaration verified 查证的温室气体宣告量

	Scope 1 范畴一	Scope 2 范畴二 power electricity 电力	Scope 3 范畴三	Total 总量
Amount (t CO ₂ e) 排放量	891.37	21,439.20	No inventory 未盘查	22,330.57
Percentage(%) 百分比	3.99	96.01		100.00

Scope2 范畴二 power electricity 电力: Excluding electricity consumption of dormitory 不包括宿舍用电量

Biomass emissions 生物质排放

- Stationary 固定 : NA Amount 排放量 (t CO₂e)

- Mobile 移动 : NA Amount 排放量 (t CO₂e)

Water consumption declaration verified 查证的用水量

	生活用自来水 Domestic tap water	工业用自来水 Industrial tap water	地下水 Groundwater	回收用水 Recycled water	雨水 Rainwater	Total 总量
Amount (m ³) 使用量	94068	155999	0	1192	0	251259
Percentage(%) 百分比	37.44	62.09	0	0.47	0	100.00

Energy consumption declaration verified 查证的能源使用量

	电力 power electricity /kWh	天然气 Natural Gas /m ³	柴油 Diesel /kg	汽油 Gasoline /kg	液化石油气 LPG /kg

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Amount 使用量	26659040	108375	8.72	5727.08	0
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电力 power electricity : Excluding electricity consumption of dormitory 不包括宿舍用电量

Name of site 2 : JRD Communication (Shenzhen) Ltd.

場所名稱 2: 捷开通讯(深圳)有限公司

Verification year (period of self-declaration) 查驗年(受查驗機構宣告區間): 2020年

GHG declaration verified 查证的温室气体宣告量

	Scope 1 范畴一	Scope 2 范畴二 power electricity 电力	Scope 3 范畴三	Total 总量
Amount (t CO ₂ e) 排放量	177.69	1,856.55	No inventory 未盘查	2,034.24
Percentage(%) 百分比	8.74	91.26		100.00%

Biomass emissions 生物质排放

- Stationary 固定 : NA Amount 排放量 (t CO₂e)
- Mobile 移动 : NA Amount 排放量 (t CO₂e)

Water consumption declaration verified

	生活用自来水 Domestic tap water	工业用自来水 Industrial tap water	地下水 Groundwater	回收用水 Recycled water	雨水 Rainwater	Total 总量
Amount (m ³) 使用量	15971	0	0	0	0	15971
Percentage(%) 百分比	100	0	0	0	0	100

Energy consumption declaration verified

	电力 power electricity /kWh	天然气 Natural Gas /m ³	柴油 Diesel /kg	汽油 Gasoline /kg	液化石油气 LPG /kg
Amount 使用量	2308562	0	0	7963.92	0

A.2.2 conclusion 总结

现场 1 和现场 2 合计的宣告用量如下:

The total declaration amount for site1 & site2 are listed below

GHG declaration verified 查证的温室气体宣告量

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	Scope 1 范畴一	Scope 2 范畴 power electricity 电力	Scope 3 范畴三	Total 总量
Amount (t CO ₂ e) 排放量	1,069.06	23,295.75	No inventory 未盘查	24,364.81
Percentage(%) 百分比	4.39	95.61		100

Biomass emissions 生物质排放

- Stationary 固定 : NA Amount 排放量 (t CO₂e)
- Mobile 移动 : NA Amount 排放量 (t CO₂e)

Water consumption declaration verified

	生活用自来水 Domestic tap water	工业用自来水 Industrial tap water	地下水 Groundwater	回收用水 Recycled water	雨水 Rainwater	Total 总量
Amount (m ³) 使用量	110039	155999	0	1192	0	267230
Percentage(%) 百分比	41.178	58.376	0	0.446	0	100

Energy consumption declaration verified

	电力 power electricity /kWh	天然气 Natural Gas /m ³	柴油 Diesel /kg	汽油 Gasoline /kg	液化石油气 LPG /kg
Amount 使用量	28967602	108375	8.72	13691	0

Site1 现场一: Excluding electricity consumption of dormitory 不包括宿舍用电量

Reference of client documents 参照客户文件:

- 2020 (GHG) greenhouse gas inventory 2020 年 (GHG) 温室气体盘查清册
- Water consumption in 2020 2020 年水消耗情况
- Energy consumption in 2020 2020 年能源消耗情况
- GHG related invoices and bills GHG 相关发票、账单