

Certification Evaluation Report

Roundtable on Sustainable Biomaterials

RSB Global

SINOPEC Zhenhai Refining & Chemical Company

SCS Certificate Code: SCS-RSB/PC-0048

Jiaochuan Street, Zhenhai district, Ningbo City, Zhejiang Province, P.R. China

Contact: Tang Ling

<http://zrcc.sinopec.com/zrcc/>

CERTIFIED	EXPIRATION
6 April 2022	5 April 2027

DATE(S) OF AUDIT
5, 6, 19, 25 January, 2022
DATE OF LAST UPDATE
11 April 2022

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FOREWORD

SCS Global Services (SCS) is a certification body accredited by the Roundtable on Sustainable Biomaterials (RSB) to conduct evaluations of biofuel operators (CB Registration No. 592). Under the RSB/SCS certification system, participating operators meeting international standards of biofuel production can be certified as “sustainable,” thereby permitting the Operator’s use of the RSB endorsement and logo in the marketplace subject to regular RSB/SCS oversight.

SCS deploys interdisciplinary teams of natural resource specialists and other experts all over the world to conduct evaluations of biofuel operations. SCS evaluation teams collect and analyze written materials, conduct interviews with Participating Operator’s staff and key stakeholders, and complete field and office audits of the operation(s) identified in the certification scope. Upon completion of the fact-finding phase of all evaluations, SCS teams determine compliance to the RSB Principles and Criteria.

Please Note: An RSB certificate itself does not constitute evidence that a particular product supplied by the certificate holder is certified to RSB standards. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required RSB claim is clearly stated on-product. For more information about the RSB, visit their website at www.rsb.org.

Organization of the Report

This report of the results of our evaluation is divided into two sections. Section A provides the public summary and background information that is required by the Roundtable on Sustainable Biomaterials. This section is made available to the general public and is intended to provide an overview of the evaluation process, the management programs, and policies applied to the Participating Operator, and the results of the evaluation. Section A will be posted on the RSB Participating Operators Database (<http://rsb.org/certification/participating-operators/>). Section B contains more detailed results and information for use by the Participating Operator.

CONTENTS

SECTION A – PUBLIC SUMMARY	4
1.0 GENERAL INFORMATION.....	4
1.1 Operator Information	4
1.1.1 Name and Contact Information	4
1.1.2 Additional Parties Involved	4
1.2 Scope of Certificate.....	4
1.2.1 Determination of Extent of Audit	5
1.2.2 Standards Used	5
1.3 Sites in Scope	5
1.3.1 Industrial Operator	5
1.3.2 First Collector	6
1.3.3 Points of Origin	6
1.4 GHG Intensity.....	6
2.0 EVALUATION PLANNING & PROCESS.....	6
2.1 Audit Team.....	6
2.2 Evaluation Schedule and Extent of Audit.....	7
2.2.1 Methodology and Strategies Employed.....	7
2.2.2 Evaluation Itinerary and Activities	7
2.2.3 Evaluation of RSB compliance claims and use of RSB trademarks	13
2.3 Stakeholder Consultation Process (for Main audits)	13
2.3.1 Summary of Stakeholder Comments and Responses (for Main audits).....	14
3.0 RISK ASSESSMENT RESULTS.....	14
3.1.1 Risk Class	14
3.1.2 Risk and Certificate Validity	15
4.0 RESULTS OF THE EVALUATION	15
4.1 Process of Determining Compliance.....	15
4.1.1 Structure of Standard and Degrees of Non-Compliance	15
4.1.2 Interpretations of Findings	15
4.1.3 Major Non-compliances.....	16
4.1.4 Non-compliances (NCs) and Current Status	16

5.0 CERTIFICATION DECISION..... 17

SECTION A – PUBLIC SUMMARY

1.0 GENERAL INFORMATION

1.1 Operator Information

1.1.1 Name and Contact Information

Organization name	SINOPEC Zhenhai Refining & Chemical Company		
Operator Number	2217		
Contact person	Tang Ling		
Address	Jiaochuan Street, Zhenhai district, Ningbo City, Zhejiang Province, P.R. China	Telephone	+86 574-86443738
		Fax	
		e-mail	tangling.zhlh@sinopec.com
		Website	http://zrcc.sinopec.com/zrcc/

1.1.2 Additional Parties Involved

(See confidential annex)

1.2 Scope of Certificate

Please select one:	<input type="checkbox"/> RSB EU RED	<input checked="" type="checkbox"/> RSB Global
Please select boxes that apply:	<input type="checkbox"/> Pre-assessment <input checked="" type="checkbox"/> Initial Assessment <input type="checkbox"/> Re-certification <input type="checkbox"/> Follow-Up to NCs	<input type="checkbox"/> 1st Annual Surveillance <input type="checkbox"/> 2nd Annual Surveillance <input type="checkbox"/> 3rd Annual Surveillance <input type="checkbox"/> 4th Annual Surveillance
Scope as it appears on certificate:	Industrial Operator: Production of SAF from Used Cooking Oil First Collector: Collection of Used Cooking Oil [Confidential #] Points of Origin	
The scope assessment agrees with the scope under which the operator applied	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Total workers covered by scope of certification:	31	
Number of women workers	6	

1.2.1 Determination of Extent of Audit

Total number of subsidiaries, branch offices, affiliated entities, external third parties contracted or otherwise engaged, operational structures, sites, facilities, processing and production units, and supply chain structures	1 Industrial Processor 1 First Collector [Confidential #] Points of Origin
Participating Operator Risk Class	Low
Disputes or prior Non-compliances	N/A initial audit

1.2.2 Standards Used

Applicable RSB-Accredited Standards

Standard Name and Version
<ul style="list-style-type: none"> • RSB Principles & Criteria (RSB-STD-01-001 V3.0); • RSB Procedure for Traceability (Chain of Custody) (RSB-PRO-20-001 V3.2); • RSB Standard for Participating Operators (RSB-PRO-30-001 V3.3); • RSB Procedure on Communication and Claims (RSB-PRO-50-001 V3.5); • RSB Procedure for Risk Management (RSB-PRO-60-001 V3.3); • RSB GHG Calculation Methodology (RSB-STD-01-003-01 V2.3); • RSB Fossil Fuel Baseline Calculation Methodology (RSB-STD-01-003-02 V2.1); • RSB Standard for Advanced Fuels (RSB-STD-01-010 V2.3)

All standards employed are available on the websites of the Roundtable on Sustainable Biomaterials (<https://rsb.org/the-rsb-standard/working-with-the-rsb-standard/>). Standards are also available, upon request, from SCS Global Services.

1.3 Sites in Scope

1.3.1 Industrial Operator

Name of Facility	SINOPEC Zhenhai Refining & Chemical Company
Type	<input type="checkbox"/> Agriculture Milling and/or Fermentation <input type="checkbox"/> Vegetable oil Extraction <input checked="" type="checkbox"/> Biofuel Production and/or Distribution <input type="checkbox"/> Other, please explain here:
Location/City	Zhenhai District, Ningbo City, Zhejiang Province, China
Start date of operations (initial start date)	Not yet started
Product	SAF made from UCO

1.3.2 First Collector

1. Name	Sichuan Lansu Environmental Protection Technology Co., LTD
Location/City	Chengdu, China
Geographic location (<i>Latitude & Longitude</i>)	30.69601, 104.057048
Material stored:	Used Cooking Oil (UCO)

1.3.3 Points of Origin

In Confidential Annex

1.4 GHG Intensity

In Confidential Annex

2.0 EVALUATION PLANNING & PROCESS

2.1 Audit Team

Auditor Name:	Robert Earley	Auditor role:	Lead Auditor
Qualifications: Robert Earley has been a lead auditor of RSB, Bonsucro and ISCC certifications since 2017, and is a certified lead verifier of the California Low Carbon Fuel Standard, and has been trained in ISO 9001:2015 auditing. He is also the RSB Certification Program Manager at SCS Global Services. Mr. Earley, who has lived in China since 2004 and is fluent in Mandarin Chinese, studied environmental science at the University of Calgary and Urban and Regional Planning at the University of Waterloo in Canada. His coursework at the University of Calgary included industrial chemistry.			
Auditor Name:	Dun Qiuxia	Auditor role:	Team Auditor – Lead of First Collector Audit
Qualifications: Ms Dun Qiuxia is currently a lead auditor-in-training in the RSB certification system. She is a highly experienced auditor having undertaken audits in the ISCC EU and ISCC PLUS, CARBEP A building materials certification, FSC Chain of Custody and other sustainability certifications since 2017. Ms Dun has a bachelor’s degree in Pulp and Paper Engineering from Tianjin University of Science and Technology and an Master’s degree in Printing Engineering from Qufu Normal University in China. She is a fluent English speaker.			
Auditor Name:	Otavio Cavalett	Auditor role:	GHG Verifier
Qualifications: Otavio Cavalett is a Researcher in the Industrial Ecology Programme (IndEcol), Department of Energy and Process Engineering, NTNU (Norway) and an Auditor in SCS Global Services (USA). Prior to this, he was Leader of the Sustainability Analysis Team at the Brazilian National Biorenewables Laboratory (LNBR/CNPEM) in Brazil. He has more than 15 years of experience with Life Cycle Assessment of biofuel and biorefinery systems, with emphasis on climate metrics and other environmental areas of interest in relation to the United Nations Sustainable Development Goals. He has contributed to recent IPCC reports and published more than 60 scientific papers.			
Auditor Name:	Zhang Yang	Auditor role:	Environmental Law Expert

Qualifications: Ms. Zhang Yang is an environmental lawyer with a Bachelor’s degree in law from the China Women’s University and a Master’s degree in Environmental Law from the China University of Political Science and Law in Beijing. She currently works in environmental law compliance consulting, environmental public interest litigation, and other aspects of law regarding ecological damage and pollution. Ms. Zhang holds a Class A national legal professional qualification certificate and is fluent in English.

2.2 Evaluation Schedule and Extent of Audit

2.2.1 Methodology and Strategies Employed

SCS deploys interdisciplinary teams with expertise in agriculture, ecology, forestry, social sciences, natural resource economics, and other relevant fields to assess an Operator’s compliance to RSB standards and policies. Evaluation methods include document and record review, implementing sampling strategies to visit a broad number of site and facility types, observation of implementation of management plans and policies, and stakeholder analysis. When there is more than one team member, team members may review parts of the standards based on their background and expertise. On the final day of an evaluation, team members convene to deliberate the findings of the assessment jointly. This involves an analysis of all relevant site observations, stakeholder comments, and reviewed documents and records. Where consensus between team members cannot be achieved due to lack of evidence, conflicting evidence or differences of interpretation of the standards, the team is instructed to report these in the certification decision section.

2.2.2 Evaluation Itinerary and Activities

Time 时间	Element/Activity 元素 / 活动 Industrial operator audit	Personnel Involved 相关人员
Auditor(s) names 审核员: Robert Earley (Lead) 罗伯特 (首席审核员) Dun Qiuxia (Team Member) 顿秋霞 (审核组成员-实习审核员)		
Day 1 第一天 5 Jan 2022 2022 年 1 月 5 日	SINOPEC Zhenhai Refining & Chemical Company □□□□□□□□□□□□□□□□□□□□ Remote audit via Tencent Meetings 远程审核通过腾讯视频会议 (刘疏桐提供链接)	
9:00 a.m.	Opening Meeting and General Requirements 首次会议以及基本要求 <ul style="list-style-type: none"> - Introduction to certification program and assessment process to on-site staff; confidentiality; method of reporting and NC grading, etc. 向现场工作人员介绍认证计划和评估过程; 保密性; 报告和 NC 评分的方法等。 - Review of scheduled activities 审查预定的活动 - Review of RSB procedures; confirm roles, responsibilities and processes 介绍 RSB 审核的流程; 确认角色、责任和流程 - Confirmation of scope of products to be certified 确认要认证的产品范围 	All relevant managers including senior management 所有相关的管理人员包括高级管理人员

	<ul style="list-style-type: none"> - Client to outline production process and overall process flow 客户概述生产过程和整体工艺流程 - Review of site map(s) 审查现场地图 - Review of Risk Assessment Tool 审查风险评估工具 - Review of Screening Tool 审查 RSB 筛选工具 	
	<ul style="list-style-type: none"> - Document Review: Participating Operator/Standards Checklist 文件审核。参与运营商/标准检查表 - Review of training procedures and records, worker training plans RSB 相关的培训程序和记录的审查；员工的培训计划 - Review of grievance mechanism and records 申诉机制和记录审查 - Review of traceability method and implementation (including acquiring, handling and forwarding of sustainable material); meter calibration records 追溯程序、方法和实施情况（包括可持续原料的获取、处理和产品的转发），测量仪器校准记录 - Analysis of material balances and records 分析物料平衡和记录或模板文件审查 - Review of records 原料采取，生产与产品转发记录或模板文件审查 - Communications and claims RSB 产品沟通与声明 - Requirements for Advanced Fuels 先进燃料的要求 - Review of Risk Management Plan 风控计划的审查 	Management
12:00 P.M. 中午	Review of day's findings 日总结	
	End if Day 1 audit for Industrial Operator 第一天工业运营商审核结束	

Time 时间	First Collector 第一收集点审核	Personnel Involved 相关人员
Auditor(s) names: Dun Qiuxia (trainee under supervision of Robert Earley, lead auditor) 审核员：顿秋霞（实习审核员在主审核员的指导下）		
Day 1 第一天 5 Jan 2022 2022 年 1 月 5 日	Online audit/desk review 在线审核 Sichuan Lansu Environmental Protection Technology Co. 废弃物首次收集者：四川兰溯环保科技有限公司	
1:00 p.m. 下午 1:00	<ul style="list-style-type: none"> - Opening meeting and general requirements 首次会议和一般要求 - Review of assessment process to on-site staff, list of applicable standards, confidentiality, safety procedures 对现场员工的评估过程、适用标准清单、保密、安全程序进行审查 - Confirm roles, responsibilities and processes 确认角色、职责和流程 - Confirmation of scope of products to be certified 确认需要认证的产品范围 - Review of site map(s) 地图审核 	Management First collector/ Warehouse staff 管理层、第一收集点或库区员工

<p>1:15 p.m. 下午 1:15</p>	<p>Document Review: Participating operator / warehouse standards checklist 文件审核:参与操作工/仓库标准审核表</p> <ul style="list-style-type: none"> - Review of training procedures and records; list of staff handling RSB material 审核培训程序和记录;处理 RSB 材料的员工名单 - Review of contracts and records for material acquisition and handling 审核采购和处理材料的合同和记录 - Review of traceability methods/procedures and implementation (including acquiring, handling and forwarding sustainable material) 审核可追溯性方法/程序和实施(包括获取、处理和转发可持续材料) - Analysis of material balances and transaction records; meter calibration records; review feasibility of stated UCO collection volumes 分析物料平衡和交易记录;仪表校准记录;审核声明 UCO 收集数量的可行性 - Requirements for Advanced Fuels 高级燃料要求: - Review of eligibility of material and feedstock-specific requirements 审核材料和原料的特定要求的合格性 - Review of list of points of origin 审核原产地清单 - Review of self-declarations by points of origin (restaurants) 审核原产地(饭店)的自我申报 	<p>Management First Collector/ Warehouse staff 管理层 、第一收集 点或库区员 工</p>
	<p>Site walk-through 现场走访</p> <ul style="list-style-type: none"> - Observe storage area 观察存储区域 - Meters and other measurement equipment, data gathering and processing tool adequacy 仪表和其他测量设备、数据采集和处理工具是否充足 <p>For remote audits, photographs or videos may be used. Please provide high-resolution photographs of key measurement devices 对于远程审计, 可以使用照片或视频。请提供关键测量设备的高分辨率照片</p>	
<p>3:15 p.m. 下午 3:15</p>	<p>Report writing 准备末次会议 Auditor(s) take time to consolidate notes and confirm audit findings 审核员需要时间整理笔记并确认审核结果</p>	<p>Auditor 审核 员</p>
<p>3:30 p.m. 下午 3:30</p>	<p>Findings 审核发现 Presentation of all non-compliances and opportunities for improvement 提出所有不符合的情况和改进的机会</p>	<p>Management First Collector/ staff 管理层 、第一收集 点员工</p>
<p>3:45 p.m. 下午 3:45</p>	<p>End of First Collector Audit 第一收集点或库区审核结束</p>	

Time 时间	Element/Activity 元素 / 活动 Industrial operator audit	Personnel Involved 相关人员
Auditor(s) names 审核员: Robert Earley (Lead) 罗伯特 (首席审核员) Dun Qixia (Team Member) 顿秋霞 (审核组成员-实习审核员)		
Day 2 第二天 6 Jan 2022 2022 年 1 月 6 日	SINOPEC Zhenhai Refining & Chemical Company □□□□□□□□□□□□□□□□□□□□ Remote audit via Tencent Meetings 远程审核通过腾讯视频会议 (刘疏桐提供链接)	
9:00 a.m. 上午 9:00	Document Review: Compliance with Principles and Criteria 文件审核: 原则和标准的复合性 Ensure that risks identified in the Risk assessment tool and screening tool are directly addressed, in the Environment and Social Management Plan (ESMP) and other documentation and procedures: 确保在风险评估工具和筛选工具中确定的风险在环境和社会管理计划 (ESMP)和其他文件和程序中得到直接处理: Principle 1 原则 1: <ul style="list-style-type: none"> - Review of all relevant business licenses 审查所有相关商业证书 - Review of land and water use permits 审查土地和水使用许可 - Review of operator’s index of relevant laws and regulations and their compliance 审查经营者的相关法规指标及其合规性 Principle 2 原则 2: <ul style="list-style-type: none"> - Review Environmental and Social Management Plan (ESMP) 审查环境和社会管理计划 (ESMP) - Review impact assessments (if applicable or identified in screening tool) 评审影响评估 (如适用或在筛选工具中确定) - Review operator’s stakeholder engagement records. Review grievance mechanism for external parties and stakeholders 审核运营商的利益相关者参与记录。审核针对外部当事人和利益相关者的申诉机制 Principle 7 原则 7: <ul style="list-style-type: none"> - Conservation values, ecosystems, buffers, water rights 保护价值、生态系统、缓冲区、水权 Principle 9: 原则 9 <ul style="list-style-type: none"> - Water permits, water management plans and monitoring in ESMP ESMP 中的水许可、水管理计划和监控 Principle 10 原则 10: <ul style="list-style-type: none"> - Air permits, air management plans and monitoring in ESMP ESMP 中的空气许可、空气管理计划和监控 Principle 11 原则 11: <ul style="list-style-type: none"> - Use of technology: GMO, fertilizers, crop protection chemicals 技术使用: 转基因、化肥、植保化学品 - Integrated waste management 综合废物管理 	Management and relevant operator staff 管理层和经营商员工 Record keeping staff, legal department 记录管理人员, 法务部 RSB management RSB 管理层

	- Resource and energy use, energy efficiency 资源和能源使用、能源效率	
12:00 p.m. 中午 12:00	End of day 2 for Industrial Operator 第二天工业运营商审核结束	

Time 时间	Element/Activity 元素 / 活动 Stakeholder input	Personnel Involved 相关人员
Auditor(s) names 审核员: Robert Earley (Lead) 罗伯特 (主审核员) Dun Qiuxia (Team Member) 顿秋霞 (审核组成员-实习审核员)		
6 January, 2022 2022 年 1 月 6 日下午	Telephone, e-mail and other methods: interviewing identified stakeholders. Request comments about the operation of SINOPEC Zhenhai Refining & Chemical Company from environment, social and economic perspectives, and Free, Prior and Informed Consent viewpoints. 电话、电子邮件和其他方法: 访谈确定的利益相关者。请从环境、社会和经济角度, 以及自由、事先和知情同意的角度, 对中石化镇海炼化公司的运营征求意见。	

Time 时间	Element/Activity 元素 / 活动 Industrial operator audit 工业运营商审核	Personnel Involved 相关人员
Auditor(s) names 审核员: Robert Earley (Lead) 罗伯特 (首席审核员) Dun Qiuxia (Team Member) 顿秋霞 (审核组成员-实习审核员)		
Day 3 第三天 19 January, 2022	On-site portion 现场部分 SINOPEC Zhenhai Refining & Chemical Company □□□□□□□□□□□□□□□□□□ Jiaochuan Street, Zhenhai district, Ningbo City, Zhejiang Province, P.R. China 中国浙江省宁波市镇海区蛟川街道	
8:45 a.m. 上午 8:45	Coordination meeting (协调会议) <ul style="list-style-type: none"> - Auditor on-site Safety Procedures 审核员安全程序介绍 - Review of scheduled activities 审查预定的活动 - Identify workers to be interviewed according to staff scheduling during the audit 根据第二天的现场工人工作的安排确定要采访的工人 	
9:00 a.m. 上午 9:00	Site walk-through 现场“走访”: <ul style="list-style-type: none"> - Observe operations at processing facility 生产设备, 设备的运营 - Observe control room 控制室 - 包括相关控制板的屏幕 - Observe ponds/tanks/reservoir 相关的池塘、储罐 - Observe feedstock and product storage area 原料与产品储存设备和区域 - Observe chemical storage and disposal 化学品储存和处理区域 	Production, Warehouseman, and Post-Production Personnel 生产、仓库、后生产人员

	<ul style="list-style-type: none"> - Observe sludge, waste water, air emission processing and emission equipment 污泥等污水气处理和排放设备 - Observe other critical control points 其他关键控制点 	
11:00 a.m. 上午 11:30	<p>Worker Interviews 工人采访</p> <p>Interview a small sample (4) of workers to check Principle 4 criteria, including union representative. 采访一个小样本(4)的工人，检查原则 4 标准，包括工会代表。</p> <p><i>(Interviews must be arranged in a room without management present. For online interviews, request that management leave the room while workers or other stakeholders are being interviewed.) (面试必须安排在没有管理人员在场的房间进行。如果是在线面试，要求管理层在员工或其他利益相关者接受面试时离开房间。)</i></p>	
12:00 P.M. 中午 12:00.	<p>午饭 Lunch</p> <p>Please arrange a quick working lunch 请安排快速工作午饭</p>	
1:00 p.m. 下午 1:00	<p>Document Review: Compliance with Principles and Criteria 文件审查:符合原则和标准</p> <p>Ensure that risks identified in the Risk assessment tool and screening tool are directly addressed in the Environment and Social Management Plan (ESMP) and other documentation and procedures: 确保在风险评估工具和筛选工具中确定的风险在环境和社会管理计划(ESMP)和其他文件和程序中直接处理:</p> <ul style="list-style-type: none"> - Principle 3 原则 3: Review of GHG inputs 温室气体排放数据的审查和第三原则有关的要求 <p>Principle 4 原则 4:</p> <ul style="list-style-type: none"> - Review of national laws protecting workers 审查保护工人的国家法律 - Work conditions, living wage, equality issues, etc. 工作条件、生活工资、平等问题等 - Review of employee and third-party worker contracts, policies, training records and employee grievances 审核员工和第三方工人合同、政策、培训记录和员工投诉 - Training and occupational health and safety records 培训和职业健康安全记录 <p>Records for freedom of association (union) mechanism 结社自由(union)机制记录</p> <p>Principle 12 原则 12:</p> <ul style="list-style-type: none"> - Review documentation of historic land use/land tenure, legal tenure. Land lease or ownership agreements 审查历史土地使用/土地权属、法律权属的文件。土地契约或所有权协议 <p>Review of other documentation and electronic data systems that could not be adequately reviewed during Day 1. 第一天未充分审核的文件与电子数据系统</p>	<p>Management and relevant operator staff 相关管理与运营人员</p> <p>Environmental monitoring staff 环境管理人员</p> <p>Human Resource department, Union representative 人力资源部、工会代表</p> <p>Land management staff 地管理人员</p>
5:00 p.m.	<p>End of day 3: Summary and auditor returns to Beijing</p> <p>第三天结束：小总结，审核员回北京</p>	

Time 时间	Element/Activity 元素 / 活动 Industrial operator audit 工业经营商审核	Personnel Involved 相关人员
Auditor(s) names 审核员: Robert Earley (Lead) 罗伯特 (首席审核员) Dun Qixia (Team Member) 顿秋霞 (审核组成员-实习审核员)		
Day 4 第四天 25 January, 2022	SINOPEC Zhenhai Refining & Chemical Company □□□□□□□□□□□□□□□□□□ Remote audit via Tencent Meetings 远程审核通过腾讯视频会议 (刘疏桐提供链接)	
4:00 p.m. 下午 4:00	Closing meeting 末次会议 <ul style="list-style-type: none"> - Presentation of general audit findings 总结审核发现 - Presentation of all non-compliances and opportunities for improvement 提供所有不符合项和改进机会 - Review of closing meeting record 浏览末次会议记录 - Establish timetables for signed closing meeting record, corrective action and submission of Correction Action Plan 为已签署的会议记录、纠正行动和提交纠正行动计划建立时间表 - Overview of timetable for audit report completion 审核报告完成时间概述 - Reiterate SCS appeal and grievance policy 重申 SCS 申诉和申诉政策 <p style="text-align: center;">Questions 问题</p>	
	End of Audit 审核结束	

2.2.3 Evaluation of RSB compliance claims and use of RSB trademarks

Are all claims used in line with scope and allowed claims per RSB-PRO-50-001 or Advanced Product Standard, as applicable?	N/A no claims planned aside from standard.
If claims deviate from approved language in standard, signed document specifying claims approved by RSB:	N/A
Does Operator use RSB trademarks on off-product or on-product claims?	None to date

2.3 Stakeholder Consultation Process (for Main audits)

In accordance with SCS and RSB protocols, consultation with key stakeholders is an integral component of the evaluation process. Stakeholder consultation takes place prior to, concurrent with, and following field evaluations. The primary purpose of such consultation is to solicit input from affected parties as to the strengths and weaknesses of the Participating Operator’s management system and operations,

relative to the standard, and the nature of the interaction between the company and the surrounding communities.

Principal stakeholder groups are identified based upon the certification scope of the participating operator.

Stakeholder consultation activities are organized according to the requirements of the RSB. The table below summarizes the major comments received from stakeholders and the assessment team’s response. Where a stakeholder comment has triggered a subsequent investigation during the evaluation, the corresponding follow-up action and conclusions from SCS are noted below.

2.3.1 Summary of Stakeholder Comments and Responses (for Main audits)

Stakeholder Comments	SCS Response
Economic Concerns	
The refinery is an important economic contributor to the community	Supportive economically
Sustainable Aviation Fuel Is important for China’s low carbon development	Supportive
Social Concerns	
No social concerns were introduced	No response
Environmental Concerns	
Environmental infractions were found in 2016 such as emission exceedances and unauthorized construction of equipment on-site.	A comprehensive review of legal databases was undertaken from 2016 to present to understand recent environmental infractions of the company. There were no additional infractions found and the operation was found to likely be of low risk. The operation has a strict environmental management system in place with highly trained and competent managers. It is also key to note that the SAF facility itself is a new facility which to date has not experienced any infractions. Temporary emission exceedances in the period since legal infractions were found have been explained by the operator as related to system start up, shut down, maintenance or other planned issues.

3.0 RISK ASSESSMENT RESULTS

3.1.1 Risk Class

Highest Risk Class will Apply for the Participating Operator

Site	Based on the most recent self-risk assessment the PO's risk assessment results are (The number):	Corresponding risk class (low, medium, high):	Date of risk assessment (must be no older than 3 months from the audit date)	Auditor's assessment of Operator's risk
SINOPEC Zhenhai Refining & Chemical Company	9	Low	12/22/21	Agreed with PO
Overall Risk				Low Risk

Risk assessment includes all sites in scope as noted in RSB-PRO-60-001 V3.3 paragraph F. 3.1.

3.1.2 Risk and Certificate Validity

	Low risk class	Medium risk class	High risk class
Certificate validity	5 years	3 years	2 years
Main audit	Every 5 years	Every 3 years	Every 2 years
Surveillance audit	Annual	Annual	Annual

4.0 RESULTS OF THE EVALUATION

4.1 Process of Determining Compliance

4.1.1 Structure of Standard and Degrees of Non-Compliance

RSB-accredited biofuel standards consist of a three-level hierarchy: the principle, the criteria that correspond to that principle, and then the performance indicators that elaborate upon each criterion. Consistent with SCS Sustainable Biofuels Program evaluation protocols, the team collectively determines whether or not the subject operation is in compliance with every applicable indicator of the relevant sustainable biofuel standard. Each non-compliance must be evaluated to determine whether it constitutes a major or minor non-compliance at the level of the associated criterion or sub-criterion. Not all indicators are equally important, and there is no simple numerical formula to determine whether an operation is in non-compliance. The team therefore must use their collective judgment to assess each criterion and determine if the Operator is in compliance. If the Operator is determined to be in non-compliance at the criterion level, then at least one of the applicable indicators must be in major non-compliance.

4.1.2 Interpretations of Findings

Major Non-compliances, either alone or in combination with non-compliances of other applicable indicators, result (or are likely to result) in a fundamental failure to achieve the objectives of the

relevant RSB Criterion. These non-compliances must be resolved or closed out before a certificate can be awarded. If Major NCs arise after an operation is certified, the timeframe for correcting these non-compliances is typically no more than three months. Certification is contingent on the operator’s response to the NCs within the stipulated time frame.

Minor Non-compliances are typically limited in scale or can be characterized as an unusual lapse in the system. Most minor NCs are the result of a non-conformance at the indicator-level. Non-compliances must be closed out within a specified time period of award of the certificate.

Opportunity for Improvement is an observation made which does not fully impact compliance but could potentially affect the PO’s ability to comply with RSB requirements in the future.

4.1.3 Major Non-compliances

<input type="checkbox"/>	No major NCs were issued to the Operator during the evaluation. Any minor CARs from previous surveillance audits have been reviewed and closed prior to the issuance of a certificate.
<input checked="" type="checkbox"/>	Major NCs were issued to the Operator during the evaluation, which have all been closed to the satisfaction of the audit team and meet the requirements of the standards. Any minor CARs from previous surveillance audits have been reviewed and closed prior to the issuance of a certificate.
<input type="checkbox"/>	Major NCs were issued to the Operator during the evaluation and the Operator has not yet satisfactorily closed all major NCs.

4.1.4 Non-compliances (NCs) and Current Status

Summary of Non-compliances and Current Status				
NC Number	Type of NC	Relevant RSB Standard & Indicator No.	Summary of Finding and Evidence Collected	Status of NC (Open/Closed)
2022-1	Major	RSB Global Checklist 2.2, 5.3	<p>The company 石化海达 is not listed as a participant in the Chain of Custody system. 石化海达没列为保管链体系的参与者。Staff had not received training regarding RSB Chain of Custody.</p> <p>RCA received 29 January 2022</p> <p>Evidence Received: Training records for the company were received and updated management documents were observed to include the company in the supply chain description.</p>	Closed 11 February 2022
2022-2	OFI	RSB Global Checklist 1.10	Self-evaluation could be done with description, also should make a finding to	Open

			identify where non-conformities occurred. 自我评估可以通过描述来完成，也应该做出发现来确定哪里发生了不符合。	
2022-3	Observation	PRO-70 H3.4	If any new products or RSB schemes are added to scope, if any new sites are added to scope, or if any new claims are made to the public, SCS Global Services must be first notified and if necessary an audit must be undertaken 如果在范围内增加任何新产品或 RSB 计划，如果在范围内增加任何新地点，或者如果公开任何新的声明，必须首先通知 SCS 全球服务，如果有必要，必须进行审计。	N/A
2022-4	Observation	RSB Global Checklist 9.3.5	Weigh scale for this project is still under repair. Calibration certificates shall be observed in next audit. 地磅仍在维修中。下次审核时应注意校准证书。	Open

5.0 CERTIFICATION DECISION

Certification Recommendation	
For Initial and Re-certifications: Operator to be awarded RSB certification subject to the minor non-compliances stated in Section 4.2.5.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
The SCS evaluation team makes the above recommendation for certification based on the full and proper execution of the SCS Responsible Biofuels Program evaluation protocols. If certification is recommended, the Operator has satisfactorily demonstrated the following without exception:	
Operator has addressed any Major NC(s) assigned during the evaluation.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No Major NCs issued <input type="checkbox"/>
Operator has demonstrated that their system of management is capable of ensuring that all of the requirements of the applicable standards are met over the sites and facilities covered by the scope of the evaluation.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Operator has demonstrated that the described system of management is being implemented consistently over the sites and facilities covered by the scope of the certificate.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Comments and/or details of any issue which was difficult and/or impossible to evaluate:	

To be completed by Certification Decision-Making Entity	Technical Review by: If different to decision-maker	Inna Kitaychik
	Certification decision:	SINOPEC Zhenhai Refining & Chemical Company is in compliance and is awarded certification to RSB standards listed in section 1.2.2.
	Certification decision by:	Inna Kitaychik
	Date of decision: For initial or continued certification	6 April 2022
	Surveillance schedule:	1 st Surveillance by 6 April 2023 Notes:
