

# Surveillance Evaluation Report

*Roundtable on Sustainable Biomaterials*

*Global*

*Wilmar Bioethanol Australia Pty. Ltd.*

**SCS Certificate Code: SCS-RSB/PC-0037**

Bruce Highway Sarina, Queensland, 4737, Australia

Pieter van Vuren, Operations Manager, Ethanol

Pieter.VanVuren@au.wilmar-intl.com

www.wilmarbioethanol.com

CERTIFIED	EXPIRATION
October 23, 2020	October 22, 2025

DATE(S) OF AUDIT
22-24 September, 2021
DATE OF LAST UPDATE
7 April 2022

*SCS Contact:*

**Matthew Rudolf** | Managing Director, International Operations  
+1.919.533.4886 (direct) [mrudolf@scsglobalservices.com](mailto:mrudolf@scsglobalservices.com)



2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA  
+1.510.452.8000 main | +1.510.452.8001 fax  
[www.SCSglobalServices.com](http://www.SCSglobalServices.com)

## 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](http://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

<b>SECTION A – PUBLIC SUMMARY .....</b>	<b>4</b>
<b>1.0 GENERAL INFORMATION.....</b>	<b>4</b>
1.1 Operator Information .....	4
1.1.1 Name and Contact Information .....	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/ Mechanical Processor.....	5
1.3.2 Traders or Warehouses.....	6
1.3.3 Points of Origin .....	6
1.4 GHG Intensity.....	6
<b>2.0 EVALUATION PLANNING &amp; PROCESS.....</b>	<b>7</b>
2.1 Audit Team.....	7
2.2 Evaluation Schedule and Extent of Audit.....	7
2.2.1 Methodology and Strategies Employed.....	7
2.2.2 Evaluation Itinerary and Activities .....	8
2.3 Evaluation of Management System.....	10
2.3.1 Capacity of the participating operator to implement its management systems.....	10
2.3.2 Evaluation of RSB compliance claims and use of RSB trademarks .....	10
<b>3.0 RISK ASSESSMENT RESULTS.....</b>	<b>10</b>
3.1.1 RSB Audit types Matrix .....	11
<b>4.0 RESULTS OF THE EVALUATION .....</b>	<b>11</b>
4.1 Process of Determining Compliance.....	11
4.1.1 Structure of Standard and Degrees of Non-Compliance .....	11
4.1.2 Interpretations of Findings .....	11
4.1.3 Major Non-compliances.....	12
4.1.4 Non-compliances and Current Status .....	12
<b>5.0 CERTIFICATION DECISION.....</b>	<b>13</b>



## SECTION A – PUBLIC SUMMARY

### 1.0 GENERAL INFORMATION

#### 1.1 Operator Information

##### 1.1.1 Name and Contact Information

Organization name	Wilmar Bioethanol Australia Pty. Ltd.		
Operator Number	2117		
Contact person	Mr. Pieter van Vuren		
Address	Bruce Highway	Telephone	+61 7 4940 9954
	Sarina, Queensland 4737	Fax	
	Australia	e-mail	<a href="mailto:Pieter.VanVuren@au.wilmar-intl.com">Pieter.VanVuren@au.wilmar-intl.com</a>
		Website	www.wilmarbioethanol.com

#### 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 type="checkbox"/> Initial Assessment <input type="checkbox"/> Re-certification <input type="checkbox"/> Follow-Up to NCs	<input checked="" 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:	Manufacturing and storage of ethanol made from c-grade molasses	
The scope assessment agrees with the scope under which the operator applied	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If no, please explain:		
<p><i>Note 1: If the scope is different, please contact SCS.</i></p> <p><i>Note 2: Where the client uses external organizations (public or private) to provide utilities services, such as electricity, waste disposal, water, the auditor shall check that these organizations are run according to local requirements (i.e. the law) but these organizations will not be considered in scope of the audit. Therefore no on-site visits to these utility services are required.</i></p>		
<b>Total workers covered by scope of certification:</b>	58	

### 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	5 Points of Origin 1 Warehouse (ethanol storage) 1 Ethanol Industrial Operator
Participating Operator Risk Class	Low
Disputes or prior Non-compliances	None

### 1.2.2 Standards Used

#### Applicable RSB-Accredited Standards

Standard Name and Version	
RSB Principles & Criteria (RSB-STD-01-001)	3.0
RSB Procedure for Traceability (Chain of Custody) (RSB-STD-20-001)	3.2
RSB Standard for Participating Operators (RSB-STD-30-001)	3.3
RSB Procedure on Communication and Claims (RSB-PRO-50-001)	3.5
RSB Procedure for Risk Management (RSB-STD-60-001)	3.3
RSB GHG Calculation Methodology (RSB-STD-01-003-01)	2.3
RSB Standard for Advanced Biofuels (RSB-STD-01-010)	2.3
RSB Methodology for displacement-effects (RSB-STD-04-002)	1.0

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/ Mechanical Processor

Name of Facility	Wilmar Bioethanol Australia Pty. Ltd.
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	Sarina, Queensland, Australia
Geographic location ( <i>Latitude &amp; Longitude</i> )	-21.42979, 149.21547
Start date of operations (initial start date)	1929
Number of processing steps	6 steps

Description of the product or the product component that the certification covers, including, if applicable, the specification of the mass of the certified component related to the total product.	Ethanol made from c-grade molasses, a residue of raw sugar refining
<b>Annual throughput of previous 12 months (See confidential Annex)</b>	

### 1.3.2 Traders or Warehouses

<b>1. Name</b>	Mackay Harbour Storage Tanks
<b>Location/City</b>	Lease Block 3, part of Lot 58 on SP123751, Mackay Harbour, Queensland 4740, Australia
<b>Geographic location (<i>Latitude &amp; Longitude</i>)</b>	-21.109143N, 149.221692E
<b>Material stored:</b>	Ethanol

### 1.3.3 Points of Origin

<b>Number of Points of Origin in Scope</b>	5
<b>Number of Points of Origin providing more than ten metric tons per months</b>	5
<b>Number of Points of Origin Assessed on a Sample Basis during This Audit</b>	3
<b>List of Points of Origin Assessed on a Sample Basis during This Audit</b>	
<b>1. Name</b>	Australia Inkerman Mill
<b>Location/City</b>	Home Hill Township, Australia
<b>Geographic location (<i>Latitude &amp; Longitude</i>)</b>	-19.643209, 147.400794
<b>Material supplied:</b>	Grade-c molasses
<b>2. Name</b>	Australia Proserpine Mill
<b>Location/City</b>	16 Mill St, Proserpine QLD 4800, Australia
<b>Geographic location (<i>Latitude &amp; Longitude</i>)</b>	-20.398430, 148.579788
<b>Material supplied:</b>	Grade-c molasses
<b>3. Name</b>	Plane Creek Sugar Mill
<b>Location/City</b>	Mill St., Sarnia QLD 4737, Australia
<b>Geographic location (<i>Latitude &amp; Longitude</i>)</b>	-21.431908, 149.217501
<b>Material supplied:</b>	Grade-c molasses

## 1.4 GHG Intensity

<b>Biofuels Producers</b>
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Please state the GHG emissions occurring at the operator’s sites in g CO<sub>2</sub>eq/ dry-ton for raw materials and intermediary products and g CO<sub>2</sub>eq/MJ for final biofuels (annualized, after allocation) and if applicable, achieved emission savings, and if applicable, explanation for deviation from typical GHG values

<b>Final Biofuel:</b>	Fuel Ethanol	<b>GHG:</b>	18.13g CO <sub>2</sub> eq/ MJ
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## 2.0 EVALUATION PLANNING & PROCESS

### 2.1 Audit Team

<b>Auditor Name:</b>	Robert Earley	<b>Auditor role:</b>	Lead Auditor
<b>Qualifications:</b> Robert Earley is a lead auditor of RSB, Bonsucro and ISCC certifications, a certified lead verifier of the California Low Carbon Fuel Standard, and has been trained in ISO 9001:2015 auditing. He is also the technical manager for RSB Certifications 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 impacts of agriculture and conservation in agricultural areas in southern Alberta.			
<b>Auditor Name:</b>	Otavio Cavalett	<b>Auditor role:</b>	GHG Verifier
<b>Qualifications:</b> 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.			

### 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	Element/Activity	Personnel Involved
<b>Auditor(s) names:</b> Robert Earley		
<b>Day 1</b> 23 Sept 2021	<b>Sarina Distillery, Bruce Highway, Sarina, Queensland</b> <b>Remote audit conducted by video conference</b>	
9:00 a.m. All times in Eastern Australian times	<b>Opening Meeting and General Requirements</b> <ul style="list-style-type: none"> <li>- Introduction to certification program and assessment process to on-site staff; confidentiality; safety procedures; method of reporting and NC grading, etc.</li> <li>- Review of scheduled activities</li> <li>- Review of RSB procedures; confirm roles, responsibilities and processes</li> <li>- Confirmation of scope of products to be certified</li> <li>- Client to outline production process and overall process flow</li> <li>- Review of site map(s)</li> <li>- Review of Risk Assessment Tool</li> <li>- Review of Screening Tool</li> <li>- Relevant updates from client and any social or environmental changes to the operation</li> <li>- Follow-up on implementation of any corrective action plans from desk audit or previous initial field audit.</li> </ul>	Management
	<b>Document Review: Participating Operator/Standards Checklist</b> <ul style="list-style-type: none"> <li>- Review of training procedures and records</li> <li>- Review of grievance mechanism and records</li> <li>- Review of traceability method and implementation (including acquiring, handling and forwarding of sustainable material); meter calibration records</li> <li>- Analysis of material balances and records; review MacKay storage tank mass balance records</li> <li>- Review calibration records</li> <li>- Review of production and transaction records</li> <li>- Review of GHG inputs</li> <li>- Communications and claims</li> <li>- Requirements for Advanced Fuels: Molasses-c eligibility / displacement effects</li> </ul>	Management
12:00 p.m.	<b>Lunch Break</b>	
1:00 p.m.	<b>Document Review: Compliance with Principles and Criteria</b> Ensure that risks identified in the Risk assessment tool and screening tool are directly addressed Principle 1: <ul style="list-style-type: none"> <li>- Review of all relevant business licenses</li> </ul>	Management and relevant operator staff

	<ul style="list-style-type: none"> <li>- Review of land and water use permits</li> <li>- Review of operator’s index of relevant laws and regulations and their compliance</li> </ul> <p>Principle 2:</p> <ul style="list-style-type: none"> <li>- Review Environmental and Social Management Plan (ESMP)</li> <li>- Review impact assessments (if applicable or identified in screening tool)</li> <li>- Review grievance mechanism for external parties and stakeholders</li> </ul> <p>Principle 7:</p> <ul style="list-style-type: none"> <li>- Conservation values, ecosystems, buffers, water rights – implementation of ESMP.</li> </ul> <p>Principle 9:</p> <ul style="list-style-type: none"> <li>- Water permits, water consumption, water management plans and monitoring in ESMP (Observed in ShareFile)</li> </ul> <p>Principle 10:</p> <ul style="list-style-type: none"> <li>- Air permits, air management plans and monitoring in ESMP</li> </ul> <p>Principle 11:</p> <ul style="list-style-type: none"> <li>- Integrated waste management</li> <li>- Resource and energy use, energy efficiency</li> </ul>	
2:30 pm.	<p><b>Point of Origin Overview</b></p> <p><b>Review for each sugar mill: Document Review:</b></p> <ul style="list-style-type: none"> <li>- Review process flows and feasibility of production volumes (including mass balance, production records, engineering production capacity). Review site map/satellite images</li> <li>- Review of declarations of outgoing material</li> <li>- Review of feedstock-specific requirements, if applicable (c-molasses requirements)</li> </ul> <p><b>Three Points of Origin shall be evaluated via desk review:</b>  <b>**Australia Inkerman Mill, Australia Proserpine Mill, Australia Plane Creek Sugar Mill**</b></p>	
4:00 p.m.	<p><b>MacKay Harbour Storage Tank review</b></p> <p><b>Document Review: Participating operator / warehouse standards checklist</b></p> <ul style="list-style-type: none"> <li>- Review of training procedures and records; list of staff handling RSB material</li> <li>- Review of contracts and records for material handling</li> <li>- Review of traceability methods/procedures and implementation (including acquiring, handling and forwarding sustainable material)</li> <li>- Analysis of material balances and transaction records; meter calibration records</li> <li>- Check of meter and other measurement device calibrations</li> <li>- Requirements for Advanced Fuels</li> </ul>	
5:30 p.m.	<p><b>Report writing</b></p> <p>Auditor(s) take time to consolidate notes and confirm audit findings and prepare the closing meeting record</p>	

6:00 p.m.	<b>Closing Meeting</b> <ul style="list-style-type: none"> <li>- Overall audit result</li> <li>- Description of non-conformities and other findings; timing for NC closure and root-cause analysis submission</li> <li>- SCS Complaint and grievance policy</li> <li>- Review of closing plan record</li> </ul>	
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## 2.3 Evaluation of Management System

### 2.3.1 Capacity of the participating operator to implement its management systems

Overall evaluation of management system implementation: (the details of the observations and substantiating evidence collected during evaluation of the central management office and management systems of the participating operator)

[See Annex 2](#)

### 2.3.2 Evaluation of RSB compliance claims and use of RSB trademarks

<b>Are all claims used in line with scope and allowed claims per RSB-PRO-50-001 or Advanced Product Standard, as applicable?</b>	N/A no claims made in most recent audit period
<b>If claims deviate from approved language in standard, signed document specifying claims approved by RSB:</b>	N/A
<b>Does Operator use RSB trademarks on off-product or on-product claims?</b>	No

## 3.0 RISK ASSESSMENT RESULTS

Highest Risk Class will Apply for the Participating Operator

Site	Based on the most recent self-risk assessment the PO's risk	Corresponding risk class (low, medium, high):	Date of risk assessment	Auditor's assessment of Operator's risk
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	assessment results are (The number):		(must be no older than 3 months from the audit date)	
Wilmar Bioethanol Australia Pty. Ltd.	6	Low	14 Sept 2021	Agrees with PO
Overall Risk				Low

### 3.1.1 RSB Audit types Matrix

	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 and Current Status**

Summary of Non-compliances and Current Status				
Non-compliance Number	Type of Non-compliance	Relevant RSB Standard & Indicator No.	Summary of Finding and Evidence Collected	Status of Non-compliance (Open/Closed)
2021-1	Major	RSB-PRO-20-001 F.4.2 Annex 1 Checklist 6.3.3	The template Proof of Sustainability document is missing statements about raw material origin, RSB scheme employed, Certificate number, and chain of custody model is improperly identified.  RCA received 21 October, 2021  Closed 21 October, 2021 Evidence: A corrected product transfer document was submitted to the auditor.	Closed 21 October, 2021
2021-2	Observation	RSB-PRO-20-001 F.3.4.10 Checklist 8.3.10	The PO does not forward credits in the mass balance to future mass balance period as allowed. This could be implemented in the future.	Open

## 5.0 CERTIFICATION DECISION

Certification Recommendation		
<b>For Surveillance Audits: Operator is to continue as an RSB certified Participating Operator subject to the minor non-compliances stated in Section 4.2.5.</b>	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"/> <b>No Major NCs issued</b> <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:		
<b>To be completed by Certification Decision-Making Entity</b>	<b>Technical Review by:</b> If different to decision-maker	Inna Kitaychik Miguel Ruiz
	<b>Certification decision:</b>	Continued certification against Standards listed in Section 1.2.2
	<b>Certification decision by:</b>	Inna Kitaychik
	<b>Date of decision:</b> For initial or continued certification	7 April 2022
	<b>Surveillance schedule:</b>	2 <sup>nd</sup> surveillance by 24 September 2022  Notes: