

## ISCC PLUS Certificate

**Certificate Number: ISCC-PLUS-Cert-US201-70600878**

**SCS Global Services  
2000 Powell Street, Emeryville, CA 94608, USA**

certifies that

**Shell Chemical Limited Partnership – Norco Plant  
15536 River Road  
Norco, Louisiana 70079  
United States**

complies with the requirements of the certification system

**ISCC PLUS  
(International Sustainability and Carbon Certification)**

**This certificate is valid from 11.12.2020 to 10.12.2021.**

The site of the system user is certified as:

Steam Cracker

The scope of the certificate includes the following chain of custody options:

Mass Balance

Emeryville, CA, USA  
11.12.2020

Place and date of issue



Stamp, Signature of issuing party

## Annex to the certificate:

### Sustainable materials handled by the certified site

(This annex is only applicable for material handled under the scopes: farm/plantation, point of origin, central office, (farm/plantation or point of origin) first gathering point, processing unit (any type) but **not** for material that is only traded and/or stored)

This annex is only valid in connection with the certificate:

**ISCC-PLUS-Cert- US201-70600878 issued on 11.12.2020**

Input material	Output material	Add-ons (voluntary) <sup>1)</sup>	ISCC waste process applied <sup>2)</sup>	SAI/ FSA <sup>3)</sup>	FEFAC <sup>4)</sup>
Circular Pyrolysis Oil	Circular Ethylene	n/a	yes	n/a	n/a
Circular Pyrolysis Oil	Circular Pygas	n/a	yes	n/a	n/a
Circular Pyrolysis Oil	Circular Propylene	n/a	yes	n/a	n/a
Circular Pyrolysis Oil	Circular Butadiene	n/a	yes	n/a	n/a
Circular Hydrowax	Circular Ethylene	n/a	yes	n/a	n/a
Circular Hydrowax	Circular Pygas	n/a	yes	n/a	n/a
Circular Hydrowax	Circular Propylene	n/a	yes	n/a	n/a
Circular Hydrowax	Circular Butadiene	n/a	yes	n/a	n/a
Circular Refinery Offgas	Circular Ethylene	n/a	yes	n/a	n/a
Circular Refinery Offgas	Circular Propylene	n/a	yes	n/a	n/a
Circular Diesel	Circular Ethylene	n/a	yes	n/a	n/a
Circular Diesel	Circular Pygas	n/a	yes	n/a	n/a
Circular Diesel	Circular Propylene	n/a	yes	n/a	n/a
Circular Diesel	Circular Butadiene	n/a	yes	n/a	n/a
Bio-Circular Diesel	Bio-Circular Ethylene	n/a	yes	n/a	n/a
Bio-Circular Diesel	Bio-Circular Pygas	n/a	yes	n/a	n/a
Bio-Circular Diesel	Bio-Circular Propylene	n/a	yes	n/a	n/a
Bio-Circular Diesel	Bio-Circular Butadiene	n/a	yes	n/a	n/a
Bio Diesel	Bio Ethylene	n/a	no	n/a	n/a
Bio Diesel	Bio Pygas	n/a	no	n/a	n/a

The issuing Certification Body is responsible for the accuracy of this document.  
Version / Date: 3 / 26.07.2021

Bio Diesel	Bio Propylene	n/a	no	n/a	n/a
Bio Diesel	Bio Butadiene	n/a	no	n/a	n/a
Bio Naphtha	Bio Ethylene	n/a	no	n/a	n/a
Bio Naphtha	Bio Pygas	n/a	no	n/a	n/a
Bio Naphtha	Bio Propylene	n/a	no	n/a	n/a
Bio Naphtha	Bio Butadiene	n/a	no	n/a	n/a
Bio-Circular Naphtha	Bio-Circular Ethylene	n/a	yes	n/a	n/a
Bio-Circular Naphtha	Bio-Circular Pygas	n/a	yes	n/a	n/a
Bio-Circular Naphtha	Bio-Circular Propylene	n/a	yes	n/a	n/a
Bio-Circular Naphtha	Bio-Circular Butadiene	n/a	yes	n/a	n/a
Bio HVO	Bio Ethylene	n/a	no	n/a	n/a
Bio HVO	Bio Pygas	n/a	no	n/a	n/a
Bio HVO	Bio Propylene	n/a	no	n/a	n/a
Bio HVO	Bio Butadiene	n/a	no	n/a	n/a
Bio-Circular HVO	Bio-Circular Ethylene	n/a	yes	n/a	n/a
Bio-Circular HVO	Bio-Circular Pygas	n/a	yes	n/a	n/a
Bio-Circular HVO	Bio-Circular Propylene	n/a	yes	n/a	n/a
Bio-Circular HVO	Bio-Circular Butadiene	n/a	yes	n/a	n/a

1)	<p>ISCC PLUS add-ons (voluntary application, see <a href="http://www.iscc-system.org">www.iscc-system.org</a> for further information):</p> <ul style="list-style-type: none"> <li>• 202-01: Environmental management and biodiversity</li> <li>• 202-02: Classified chemicals</li> <li>• 202-03: SAI Gold</li> <li>• 205-01: GHG emission requirements</li> <li>• 205-02: Consumables</li> <li>• 205-03: Non GMO for food and feed</li> <li>• 205-04: Non GMO for technical markets</li> </ul>
2)	<p>Yes: The raw material meets the ISCC definition of waste or residue, i.e. it was not intentionally produced and not intentionally modified, or contaminated, or discarded, to meet the definition of waste or residue</p> <p>No: The raw material complies with the ISCC Principles 1 – 6 for the cultivation of sustainable biomass</p>
3)	<p>Farm Sustainability Assessment (FSA) was developed by the Sustainable Agriculture Initiative (SAI)</p> <p>SAI Silver Compliance: ISCC Compliant material can be claimed as “Equivalent to FSA 2.1 Silver”</p> <p>SAI Gold Compliance: ISCC Compliant material incl. add-on SAI Gold can be claimed as “Equivalent to FSA 2.1 Gold”</p>
4)	<p>FEFAC: European Feed Manufacturers’ Federation. ISCC compliant materials can be claimed as “in line with FEFAC soy sourcing guidelines”</p>