

January 2019

Dear Ladies and Gentlemen,

Rhein Chemie, a Business Unit of the specialty chemicals Group LANXESS, is driving customer success through premium solutions for the rubber, plastic and paint industries based on long-term expertise, innovation, tailor-made products and services as well as integrated process solutions.

Our sites in different continents are located in all growing markets. The present document reflects the systems of all sites of Rhein Chemie.

We are partners to our customers and understand that they need current information regarding their suppliers' quality systems. Due to the rising demand for filling in supplier questionnaires, we are not able to answer them individually and within a reasonable time. Consequently, we developed the supplier self-information questionnaire that depicts our Business Unit and the quality systems implemented. This document is reviewed at regular intervals and revised if necessary. In case our customers may seek information beyond the systems described here, we ask them to contact us.

Further information with respect to our Business Unit can be obtained from our homepage <http://rch.lanxess.com>. Here the current certificates according to ISO 9001 / 14001 and 50001 of the Business Unit Rhein Chemie can be downloaded, too (About us – Who we are – Fast facts).

Best regards



i.V. Dr. Ruediger Herpich  
Lanxess Deutschland GmbH  
BU Rhein Chemie  
Head of HSEQ

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## 1. General Information about Rhein Chemie

Company's name: LANXESS Deutschland GmbH  
Kennedyplatz 1  
D-50569 Koeln

DUNS-No.: 315464482  
Commercial register no.: HRB 52600

Business Unit: Rhein Chemie  
Duesseldorfer Str. 23-27  
D-68219 Mannheim

Affiliated with: LANXESS AG

Managing director: Matthias Zachert (chairman)  
Dr. Rainier van Roessel  
Michael Pontzen  
Dr. Hubert Fink

Head of BU Rhein Chemie: Philipp Junge

Phone: + 49 621 8907 – 0  
Website: <http://rch.lanxess.com>

Number of employees worldwide: > 1000

<u>Country</u>	<u>City</u>	<u>Site Name</u>	<u>Production</u>	<u>ISO 9001/14001</u>	<u>ISO 50001</u>
Argentina:	Burzaco, Merlo	LANXESS S.A. LANXESS S.A.	X X	X X	
Brazil:	Porto Feliz	LANXESS Industria de Produtos Quimicos e Plásticos Ltda	X	X	
China:	Qingdao	Rhein Chemie (Qingdao) Ltd.	X	X	
Germany:	Cologne, Krefeld-Uerdingen, Leverkusen, Mannheim	LANXESS Deutschland GmbH LANXESS Deutschland GmbH LANXESS Deutschland GmbH LANXESS Deutschland GmbH*)	X X X X	X X X X	X X X X
India:	Jhagadia	LANXESS India Private Ltd.	X	X	
Japan:	Toyohashi	LANXESS K.K.	X	X	
Russia:	Lipetsk	OOO LANXESS Lipetsk	X	X	
USA:	Chardon (OH), Little Rock (AR)	LANXESS Corporation**) LANXESS Corporation**)	X X	X X	

\*) in ISO Certificate: Rhein Chemie Rheinau GmbH

\*\*\*) in ISO Certificate: Rhein Chemie Corporation

## 2. Product Portfolio

Rhein Chemie develops, manufactures and supplies additives, specialty chemicals and service products for the rubber, plastic and paint industries.

Rhein Chemie is the largest independent manufacturer of tire bladder and polymerbound rubber chemicals in the world.

## 3. Contact Persons

Section	Name	E-Mail
Quality Management	Dr. Ruediger Herpich	<a href="mailto:ruediger.herpich@lanxess.com">ruediger.herpich@lanxess.com</a>
Environment, Health, Safety	Dr. Ruediger Herpich	<a href="mailto:ruediger.herpich@lanxess.com">ruediger.herpich@lanxess.com</a>
REACH	Elke Fischer	<a href="mailto:elke.fischer@lanxess.com">elke.fischer@lanxess.com</a>
Energy Management	Dr. Ruediger Herpich	<a href="mailto:ruediger.herpich@lanxess.com">ruediger.herpich@lanxess.com</a>

All sites are operating under the corporate quality management system of Lanxess. For certifications please have a look on our homepage <http://rch.lanxess.com>: About us - Who we are - Fast facts.

## 4. Quality Management, Integrated System HSEQ

Subject	Answer	Comment
Are there documented quality systems at all sites?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Is there a quality manual available?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Lanxess- and local quality manual, local documentation
Are there written standard operating procedures?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Lanxess and local
Has the quality system been certified according to ISO 9001:2015 ?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Lanxess-Matrix-cert. no 540991 QM15 UM15 until 2021-06-03
Is there a written quality and environmental policy defined that has been communicated to the staff?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Lanxess HSEQ policy
Are there written procedures regarding environmental management?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	

## Self-Assessment of HSEQ-Systems (Health, Safety, Environment, Quality)

Subject	Answer	Comment
Do you have a certification according to EN ISO 14001:2015 ?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Lanxess-Matrix-cert. no. 540991 QM15 UM15 until 2021-06-03
Are there processes of risk evaluation with regard to the 2015 version of ISO 9.001/14.001?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Do you regularly perform internal audits covering the quality and environmental systems?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Are there regular trainings being performed and documented regarding quality and environmental protection?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Are there written procedures for the treatment of customer complaints at all sites?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Are there emergency plans available?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Are there trainings performed on a regular schedule to assure the adherence of the staff members to the emergency plans?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Have the suppliers of Rhein Chemie been qualified according to a written procedure?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Have the suppliers of Rhein Chemie been committed to implement and maintain a quality management system?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Have clear agreements been met with the suppliers with respect to product quality and form of delivery?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Does Rhein Chemie fundamentally agree to the possibility of performing a supplier audit?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Has a certification according to ISO/TS or IATF 16949 been obtained?	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>	
Is there a procedure in place regarding labelling and traceability?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Is there a policy to reduce the negative impact on the environment and a responsible use of energy?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Lanxess policy
Is there a system for the management of energy consumption?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Has this system been certified according to ISO 50001:2011?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Lanxess-Certificate for German Sites No. 004312 EMSt until 2019-04-28

#### 4.1 Sustainability, Ethical Standards and Social Accountability

Subject	Answer	Comment
Has a guideline been published within the company covering ethically correct business practices (e. g. UN Global Compact)?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Lanxess is a member
Does sustainability has a high significance?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Lanxess is listed in the Dow Jones Sustainability Index World
Has the initiative "Together for Sustainability" been communicated within the company?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Lanxess is one of its founders
Is the company familiar with the EcoVadis Assessment for Corporate Social Responsibility?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Has an assessment been performed by EcoVadis?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
If yes, which level, score and status were obtained?	Level: Advanced Status: Gold	Applies to Lanxess and all its affiliates; Gold since 2013
Can it be assured that the rights of operating staff will be respected and working safety standards will be met?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Is there a code for legal compliance and corporate responsibility at Lanxess, assuring that applicable laws must be respected?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Is this also required from its own suppliers?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	

#### 4.2 Regulatory Issues / Chemical Safety

Subject	Answer	Comment
Are specifications available for all Rhein Chemie products?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Are there Safety Data Sheets available for all products according to the directive 1907/2006/EC?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Have all critical substances used by Rhein Chemie been pre-registered according to the guidelines covered by REACH (1907/2006/EC)?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Can Rhein Chemie provide the evidence of pre-registration or registration, if required?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	

Subject	Answer	Comment
Are all suppliers being checked whether pre-registrations or registrations have been performed?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Are the hygiene rules followed in the case of use of raw materials with animal origin for non-food purposes according to §23 of VO (EG) No. 1069/2009?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Registration no. DE 08222 1003 14

### 4.3 Safety

Subject	Answer	Comment
Are there concepts at all sites for plant safety comprising ordinary production, run-up and shut down of plants, cleaning, maintenance and possible failures?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Is there an assessment of any modification of the construction of plants with respect to plant safety?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Is the access to the production plants restricted to operating personnel only?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Are there regular training courses being held for members of staff regarding the compliance with safety regulations?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Have the members of staff been supplied with the necessary personal safety equipment, as required for chemical industry plants?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	

### 4.4 Health

Subject	Answer	Comment
Are there regular medical check-ups for the members of staff?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	According to local legal requirements
Is there a concept for plant surveillance with respect to noise protection?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	According to local legal requirements
Are there regular trainings performed with the members of staff regarding hazardous substances and are they documented?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	According to local legal requirements

#### 4.5 Environment and Energy Management

Subject	Answer	Comment
Is there an environmental policy?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Lanxess policy
Are the legal requirements of the environmental laws respected, evaluated and implemented?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Is the environmental performance measured regularly?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Is the environmental performance evaluated and are there efforts to improve it ?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Is the waste separated and is this procedure controlled periodically?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	According to local legal requirements
Is the waste disposed by external companies and are they audited if necessary?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	According to local legal requirements
Does a regulated incident management exist?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Does saving resources has a high significance?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Is there an energy policy?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Lanxess policy
Does an energy management system exist?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	

#### 5. Procurement / Raw Material Reception

Subject	Answer	Comment
Have the suppliers been qualified?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Have the suppliers been committed to implement and maintain a quality management system?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Have clear agreements been met with the suppliers with respect to product quality and form of delivery?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Are suppliers committed to comply with our company policies?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Are all raw materials received registered and are there individual lot numbers assigned?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Is a raw material testing performed?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Is there a formal release of raw materials following testing?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Are all material entries and their quality status entered in a computerised system?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Is there a procedure in case of deviation from quality?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	



## 6. Storage

Subject	Answer	Comment
Are all raw material entries checked for integrity?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Partly external storage
Will the materials be stored only after the documented check of integrity?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Partly external storage
Are there appropriate storage areas assigned to the raw materials?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Partly external storage
Are hazardous substances stored separately according to their hazard potential?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Partly external storage
Are all storage areas sufficiently secured against unauthorised access?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Partly external storage
Has the storage been organised according to legal requirements?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Partly ext. storage; according to local legal requirements
Is there a procedure for separate labelling or storage of non-conforming products?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Partly ext. storage; status in material management system
Can it be assured that only released materials can be retrieved from the storage area?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Partly external storage; IT-system
Is there an individual lot number assigned to all raw materials so that full lot traceability can be assured?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	

## 7. Production

Subject	Answer	Comment
Can it be assured by means of a documented system that only released raw materials can be used for production?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Is the manufacture performed in plants that have been proven to be appropriate for their use?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Is there a regular maintenance system in place?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Is manufacturing performed according to written procedures that are available to the operators during the manufacturing process?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Is production performed continuously?	yes <input checked="" type="checkbox"/> no <input checked="" type="checkbox"/>	Product-specific
Is it a lot/batch production?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Are there written procedures for product change-over and cleaning of plants and equipment?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Is there a check of cleanliness performed following a cleaning?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Are all manufacturing steps documented and are all documents checked for completeness and compliance with the specifications prior to release?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	

## 8. Quality Control

Subject	Answer	Comment
Is testing performed based on written procedures?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Are these methods in accordance with official standards and can this be verified in the certificate of analysis?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Partly internal methods following official standards
Have the lab assistants been trained with respect to the methods they use and can this be shown by written evidence?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Are laboratory methods in use that differ from the official methods and have they been validated against them? Can this be shown by written documentation?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Are the tests being performed by means of measuring values and specification limits shown on the certificates of analysis?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	

## 9. Release and Shipping

Subject	Answer	Comment
Are production lots released by a system assuring independence from production?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Can it be assured that Rhein Chemie products are labelled in accordance with the CLP directive in Europe?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Can it be assured that the hauliers entrusted with the transport of goods are supplied with the necessary documentation?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
Is shipment of dangerous goods performed with legal requirements (e.g. UN-approved packaging material)?	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	According to local legal requirements