bluesign[®] CRITERIA for production sites Rating matrix - Chemical supplier

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The rating matrix - Chemical supplier specifies all parameters which characterize the performance levels of a chemical supplier production site. The document at hand is to be seen in the context of *bluesign® CRITERIA for production sites – Annex: Rating of production sites*.

Contents

1	Management System	2
2	Product Stewardship	5
3	Resources	9
4	Environment	10
5	Occupational Health & Safety and Emergency Preparedness	16
6	Share of Manufactured bluesign® APPROVED Chemical Products	19
7	Validity	20

1 Management System

Foundational	Developing	Progressive	Aspirational
Legal Compliance Management			
 Relevant legal documents (licenses, permits, regulations with subject to environment, OH&S and consumer safety) at hand Site is free from prosecution by the regulators Awareness of product stewardship regulations for the finished chemical products in the related markets 	 Process for monitoring the validity of permits/licenses in place Responsible persons are equipped with appropriate documents Overview of valid regulations/licenses/permits and consequential actions is existent 	 Company has a system of tracking changes in relevant regulations Company has a system of tracking changes for product stewardship regulations for final products in the relevant markets 	 Document management is part of certified management system
Quality Management System			
Responsible person(s)			
 Responsible person for Quality Management defined Responsible persons have adequate skills and knowledge 	 Tasks and responsibilities clearly defined and assigned (job description, organizational chart) Directly accountable to the senior management; with adequate authorization (reflected in the organizational chart) 	 Demonstrable experience with significant knowledge and skills (e.g. training documents, certificates at hand) 	 Exemplary expert in specific field (e.g. member of external expert groups; more than 5 years' experience in industry branch; continuing education)
System			
 Quality policy established SOPs for important processes at hand (purchasing, process control, chemicals management, quality tests, test equipment, etc.) 	 Target setting/review of quality targets Program with measures, schedule, responsibilities and budget given Approach is visible in company (postings of statistics, employees are aware of SOPs) 	 Management System (according to ISO 9001 or adequate) is established, implemented and maintained (system is not only a paper tiger) Non-conformity reports given Follow-up actions in case of non- conformities 	 Third party certificate available and up-to-date No major non-conformities Certification is existent for more than 3 years

Process Management			
 Process management allows proper production (high quality of products, environmental and OH&S aspects under control) 	 Relevant parameters, e.g. temperature, pressure prescribed in SOPs or by machine control Routings and recipes clearly defined and followed 	 Continuous improvement (e.g. changes in recipes and routings; trials to check optimization potentials) Regular calibration for scales, measuring- and dosing units 	 Demonstrable success to improve environmental/OH&S and quality performance by improvements regarding process management
Traceability			
 Product name and suppliers of chemical raw materials, intermediates and finished products traceable but not on lot basis 	 On request main raw materials, intermediates and finished products are traceable on lot basis 	 Traceability from finished products to raw materials, chemicals and intermediates given on lot basis 	 Traceability from finished products to raw materials is excellent and supported by IT (e.g. bar code system, ERP); excellent data management
Environmental Management System			
Responsible person(s)			
 Responsible person for environmental management defined Responsible persons have adequate skills and knowledge 	 Tasks and responsibilities clearly defined and assigned (job description, organizational chart) Directly accountable to senior management; with adequate authorization (reflected in the organizational chart) 	 Demonstrable experience with significant knowledge and skills (e.g. training documents, certificates at hand) 	 Exemplary expert in specific field (e.g. member of external expert groups; more than 5 years' experience in industry branch; continuing education)
System			
 Environmental policy established and appropriate Actions to ensure appropriate/improve environmental performance 	 Target setting/review of targets Program with measures, schedule, responsibilities and budget given Approach is visible in company (postings of statistics, employees are informed) 	 Management System (according to ISO 14001 or adequate) is established, implemented and maintained (system is not only a paper tiger) Non-conformity reports given Follow-up actions in case of non- conformities 	 Third party certificate available and up-to-date No major non-conformities Certification is existent for more than 3 years Success of Management System is demonstrable

OH&S Management System			
Responsible person(s)			
 Responsible person for OH&S management defined Responsible persons have adequate skills and knowledge 	 Tasks and responsibilities clearly defined and assigned (job description, organizational chart) Directly accountable to senior management; with adequate authorization (reflected in the organizational chart) 	 Demonstrable experience with significant knowledge and skills (e.g. trainings, certificates at hand) 	 Exemplary expert in specific field (e.g. member of external expert groups; more than 5 years' experience in industry branch; continuing education)
System			
 OH&S policy established and appropriate Actions to ensure appropriate/improve OH&S performance 	 Target setting/review of targets Program with measures, schedule, responsibilities and budget given Approach is visible in company (postings of statistics, employees are informed) 	 Management System (according to OHSAS 18001 or adequate) is established, implemented and maintained (system is not only a paper tiger) Non-conformity reports given Follow-up actions in case of non- conformities 	 Third party certificate available and up-to-date No major non-conformities Certification is existent for more than 3 years Success of Management System is demonstrable
Housekeeping and Maintenance			
 Housekeeping allows appropriate function of processes Responsibilities defined Facility is cleaned up Housekeeping avoids leaks and other unnecessary emissions 	 Sufficient maintenance of facilities and equipment Awareness of workers given Housekeeping is part of training 	 Housekeeping in general on a good level Proactive activities (maintenance plans etc.) 	 Machines and equipment in exemplary condition Continuing efforts for improvement and enhancing of effectiveness and efficiency of the equipment

2 Product Stewardship

Foundational	Developing	Progressive	Aspirational
Input Stream Management			
Purchase specifications			
 Purchase conditions for all materials contain minimum requirements to assure legal compliance of the chemical products manufactured 	 Purchase conditions assure that bluesign® APPROVED chemical products manufactured from the relevant purchased raw materials comply with bluesign® TOOL restrictions 	 Purchasing specifications are frequently revised (regarding critical substances) based on regularly updated knowledge of typical impurities, legal and BLUESIGN requirements 	 Success of reducing critical substances by regular revision of purchasing specifications can be demonstrated
Supplier evaluation			
 Supplier list (supplier name, address, related raw materials) given 	 Systematic supplier evaluation (incl. rating) is carried out Supplier evaluation can have consequences for supplier selection (e.g. phase out of non- compliance suppliers) 	 Supplier evaluation is part of management system and management review 	 Most important suppliers are assessed regularly by company with respect to environmental and OH&S performance and raw material qualities
Performance supply chain			
 SDS for classified raw materials given Only suppliers fulfilling product specifications with high degree of reliability selected 	 Only suppliers able to meet the defined product specifications (incl. impurities) and able to provide sufficient information are selected Most of the suppliers have a management system according to ISO 9001 installed On request supplier informs on testing results, data from original manufacturer etc. 	 Suppliers inform by meaningful Certificate of Analysis on most important impurities Supplier informs in a proactive way Most of the suppliers are ISO 9001 certified 	 Supplier cooperates with company for continuous improvement Most of the suppliers are ISO 9001 and ISO 14001 certified

Monitoring/Testing of raw materials			
 Occasional tests for substances (mostly in case of issues; input control is still focused mainly on general parameters as appearance, purity) Supplier documentation is checked on lot basis 	 Increased testing of hot spots Supplier specifications are re- checked (e.g. by random testing) before material is accepted Tests according to bluesign[®] CRITERIA/Product stewardship guideline performed Data base existent 	 Regular, systematical and proactive testing established companywide (all relevant impurities considered, first deliveries are checked more in detail, testing depends on supplier rating) 	 Own lab holds 17025 certificate Testing is part of management system (statistics: tests are systematically evaluated for continuous improvement)
Hazard Communication			
SDS generation			
 Responsibilities defined Procedure assures legal compliance Minimum and correct data set in SDS 	 Procedure to write the SDS are described in a SOP or in an adequate document Procedure for correct classification/labeling of substances and mixtures is defined SDS are updated and disseminated to customers appropriately 	 Software or correct template for correct SDS writing as well as classification and labeling of substances/ mixtures in place 	 Exemplary SDS content and SDS management Voluntarily more detailed content in SDS
Knowledge of Product Stewardship team			
 Basic qualification and knowledge given (employees have adequate education and GHS knowledge) 	 Employees are GHS specialists and use relevant information sources (compare Product Stewardship Guideline); employees are familiar with bluesign® CRITERIA/ bluesign® TOOL Awareness of regulatory changes given Sufficient human resources given 	 High level employees; experts know-how given (GHS basic trainings are NOT sufficient) Product Stewardship team has a system of tracking changes in relevant regulations (e.g. ECHA consumer safety regulations) 	 Employees are members of national/international associations (ETAD, TEGEWA, CEFIC, other groups)
Information management			
 Recipes for mixtures at production site 	 Data from raw material/intermediate spec. and control and data from production control regarding impurities are available for the SDS authoring and Product Stewardship team 	 Product Stewardship team requests proactively (internally and externally) data about possible impurities/by-products Changes of specifications documented 	 Systematic approach for information management Product Stewardship team is very well connected to internal and external departments/experts

Toll Manufacturing			
 Written agreement with toll manufacturer given; agreement includes Product Stewardship aspects Raw materials used by toll manufacturer are known to company (SDS, Certificates of Analysis) On request toll manufacturer informs on testing results, data from original manufacturer etc. 	 Raw materials are nominated by company OR Detailed specifications, excellent data on all raw materials used by toll manufacturer Testing program for toll-manufactured products and raw materials in place 	 Toll manufacturing company holds valid 9001 certificate 	 Toll manufacturer(s) hold valid ISO 9001 certificate Continuous improvement and follow-up at toll manufacturer(s) ensured
Rebranding			
 Supplier(s) of finished products for re-branding have basic GHS and chemical knowledge given Traceability of finished products to their sources on a lot basis at supplier(s) possible Procedures for correct transfer of SDS and TDS (generation, dissemination and update) as well as correct transfer of labelling in place 	 Information flow between supplier(s) and chemical company regarding test results on SPECs and/or impurity data given Special testing program with high frequency for critical impurity parameters in finished products from supplier(s) in place at company 	 Chemicals and product stewardship experts available at the production site of the supplier(s) Supplier(s) of finished products are selected according to their installed management system(s) 	 Supplier(s) of re-branded chemical product(s) are certified according ISO 9001/14001 or OSHAS 18001 Supplier(s) of finished products for re-branding are subject to regular company assessments by the company Written agreement(s) with supplier(s) of finished products are available and PS aspects are covered
Finished Product			
Product development			
 Legal compliance assured 	 Company optimizes conventional products (e.g. substitution of a non-biodegradable dispersing agent by a biodegradable alternative) 	 Eco friendly products in portfolio (e.g. products made of renewable sources, products which minimize impact in downstream processes, highly biodegradable products) 	 Company target is to develop and sell ecofriendly products Success communicated

Foundational	Developing	Progressive	Aspirational
Quality assurance			
 Testing only if issued or only on demand Customer support 	 Voluntary testing of finished products 	 Systematic approach Testing program established Data base 	 Quality related KPIs defined (e.g. rate of customer complaints, failure rate etc.) and improvements have been achieved
 Appropriate technical support (SDS + TDS) 	 Well-documented technical support (e.g. brochures, recommendations on application customer visits on request) 	 Profound technical assistance provided (lab trials in own lab) 	 Application engineers give proactive support at manufacturing sites

3 Resources

Foundational	Developing	Progressive	Aspirational
Management Resources			
 Single resource saving management measures are applied 	 Target setting/review Program with measures, schedule, responsibilities and budget given 	 Reuse and recycling efforts Own systematic proactive efforts for resource saving (e.g. overall plan for energy and water saving) OR External audits (energy audit, etc.) 	 Resource management is part of the company strategy Success on resource saving can be demonstrated and is communicated (homepage, conferences, environmental report, etc.)
Monitoring Resource Consumption			
 Most important resource figures known for company level 	 All relevant resource figures (water, energy, chemicals, other raw materials) are continuously recorded and evaluated (at least at company level) Basic KPI's established (e.g. total water consumption, total energy consumption) 	 Comprehensive monitoring (e.g. monitoring exceeds company level (department level, machine level); well documented results; statistics; on-line measurements; detailed and systematic tracking of resource consumptions) More detailed KPI's established Internal/external benchmarking 	 Monitoring is part of the continuous improvement program of the company Production data acquisition includes resource data Yearly management review
Equipment and Processes			
 Several resource saving measures (e.g. prevention of leaks, thermal insulation, switching of lights, etc.) 	 Important resource saving techniques installed (e.g. heat exchanger, closed loop for cooling water) 	 Systematic investment in resource saving equipment/modifying processes Consequent efforts for reuse and recycling 	 BAT equipment installed
Renewable Energy			
■ ≥ 5 %	■ ≥ 25 %	■ ≥ 50 %	■ ≥ 75 %

4 Environment

Foundational		Developing	Progressive	Aspirational
Wastewater Emissions				
Management (direct and indi	rect discharge)			
 Valid permits for disc available 	narge	Single actions to reduce impact (load/volume/toxicity) (e.g. one or more water saving machine(s) installed; low emission processes)	 Systematic efforts to reduce impact (load/volume/toxicity) Reduction plans; target setting; key figures; installation of new machines/processes considers wastewater impact Treatment of partial streams (if relevant) 	 Wastewater management is part of the company strategy Success on lowering impact can be demonstrated and is communicated to relevant stakeholders (homepage, conferences, environmental report)
Monitoring (in case of indired	t discharge without on-s	site pre-treatment: only monitorir	ng of unpurified wastewater to be considere	d)
 Monitoring follows le instructions 		Monitoring exceeds legal instructions (e.g. additional parameters; additional measuring points. Voluntary self-monitoring, shorter measuring intervals; occasional tracking of sources, volumes, loads) Monitoring allows proper operation of WWTP Basic emission register (summary on important emission ports and connected machines)	 Detailed emission register (all emission ports with typical emission data are listed) Also part streams monitored Well documented test results; statistics; key figures; on-line measurements 	 Monitoring is part of the company's continuous improvement program (e.g. yearly management review) Company can demonstrate that monitoring is used to increase WWTP efficiency and to lower impact

Foundational	Developing	Progressive	Aspirational
WWTP (on-site treatment; direct discharge	and on-site pre-treatment for indirect disch	arge)	
 In place and proper operation Appropriate sludge disposal General understanding of wastewater emission loads and also treatment steps with good documentation (e.g. flow chart) available 	 WWTP in good condition; effectiveness monitored and recorded (e.g. good maintenance recognizable; inspections to ensure effectiveness; measurement devices well-kept; WWTP lab with good housekeeping) Incidents recorded Procedures/equipment in place for direct response in case of incidents/irregularities (e.g. scenario for heavy rainfall) Educated staff In case of indirect discharge: good cooperation with external WWTP 	 Wastewater treatment system optimized (e.g. SOPs for operation well-documented; sophisticated WWTP lab; high efficiency for the most important loads; engineers with deep knowledge on WWTP, automatically controlled) Resource aspects considered (energy saving, saving of chemicals) 	 WWTP sets standard for the industry; BAT implemented for wastewater purification; forward looking technique, tailor-made process steps
Discharge parameters (direct discharge)			
 Legal industry specific limits kept (occasional deviations which are followed by efficient actions can be accepted) 	 BLUESIGN limits kept (Occasional deviations which are followed by efficient actions can be accepted) 	 Discharge figures publicly available (at least the most important figures; homepage, environmental report, internet platform (NGO, governmental)) 	 Voluntarily lower and/or additional limit values defined
Discharge parameters (indirect discharge)			
 Third party WWTP in place (address given) Limits for discharge to third party WWTP kept 	 Principle and discharge limits from third party WWTP known Good contacts to third party WWTP BLUESIGN limits kept at third party WWTP (Occasional deviations which are followed by efficient actions can be accepted) 	 Discharge figures from third party WWTP publicly available 	 Voluntarily lower and/or additional limit values for discharge to third party WWTP defined

Air Emission			
Foundational	Developing	Progressive	Aspirational
Air emission supply units			
Solid fuel			
Emissions Dust [mg/Nm³]			
≤ 80	≤ 60	≤ 40	≤ 20
Emissions NOx [mg/Nm³]			
≤ 600	≤ 450	≤ 300	≤ 150
Emissions SO ₂ [mg/Nm ³]			
≤ 1400	≤ 1050	≤ 700	≤ 350
Liquid fuel			
Emissions Dust [mg/Nm³]			
≤ 125	≤ 100	≤ 75	≤ 50
Emissions NOx [mg/Nm³]			
≤ 450	≤ 360	≤ 270	≤ 180
Emissions SO_2 [mg/Nm ³]			
≤ 400	≤ 200	≤ 100	≤ 50
Gaseous fuel			
Emissions Dust [mg/Nm³]			
Emissions NOx [mg/Nm³]			
≤ 250	≤ 200	≤ 150	≤ 100
Emissions SO ₂ [mg/Nm ³]			
≤ 40	≤ 20	≤ 10	≤ 5

Foundational	Developing	Progressive	Aspirational
Process emissions			
Management			
 Valid permits available (general and/or machine specific permits (depends on local legislation)) Awareness given 	 Single actions to reduce impact (volume, odor, particles, VOC, toxic substances) given (e.g. low- emission processes installed; filters installed; change to low emission chemicals; actions to reduce VOC) 	 Systematic efforts to reduce impact (volume, odor, particles, VOC, toxic substances) Reduction plans, target setting Installation of new machines considers air emission impact 	 Off-gas management is part of the company strategy Success on lowering impact can be demonstrated and is communicated to relevant stakeholders (homepage, conferences, environmental report)
Monitoring			
 Monitoring follows legal instructions 	 Monitoring exceeds legal instructions (e.g. additional parameters; additional measuring points. Voluntary self-monitoring, shorter measuring intervals) VOC mass balance (if VOC relevant) Basic emission register (summary on important emission ports and connected machines) 	 Comprehensive monitoring (well documented data; mass balance; statistics; key figures; on-line measurements) Detailed emission register (all emission ports with typical emission data are listed) 	 Monitoring is part of the company's continuous improvement program Yearly management review; company can demonstrate that monitoring is used to increase off-gas abatement efficiency and to lower impact
Off-gas treatment system		·	
 In place Proper operation 	 Cleaning system in good condition (e.g. good maintenance; inspections to ensure effectiveness, measurement devices well-maintained) Educated staff 	 Cleaning system optimized (e.g. SOPs for operation well- documented; high efficiency for the most important loads; engineers with deep knowledge; automatically controlled; procedures in place for direct response in case of incidents/irregularities) 	 Cleaning system sets standard for the industry (BAT; forward looking technique, tailor-made equipment) RTO for VOC relevant companies with significant emission

Foundational	Developing	Progressive	Aspirational	
Off-gas parameters				
 Legal industry specific limits kept (occasional deviations which are followed by efficient actions can be accepted) 	 BLUESIGN limits kept (occasional deviations which are followed by efficient actions can be accepted) 	 Discharge figures publicly available (at least the most important figures; homepage, environmental report, internet platform (NGO, governmental)) 	 Voluntary lower and/or additional limit values defined 	
Ozone depleting substances				
 Company has evaluated equipment for-potential to contain ozone-depleting substances (ODS) (chillers, air conditioning units, etc.) Relevant permits are available and up to date Legal compliance 	 SOP for maintenance of ODS containing equipment in place Equipment containing ODS is checked regularly to ensure that it is in appropriate working order 	 Targets for substitution of ODS set 	 Demonstrable achievements related to reducing ODS 	
Environmental Noise				
 No obvious violation of legal requirements No qualified neighborhood complaints in the last 3 years OR Neighborhood complaints are followed by appropriate actions 	 Single measures to prevent high noise levels Occasional sound insulations 	 Systematic efforts and proactive approach to reduce environmental noise (e.g. reduction plans; target setting: noise register) 	 Noise management is part of the company strategy Success on lowering noise level can be demonstrated 	
Waste Management				
 Valid permits available Contracts/certificates for disposal companies at hand Disposal companies are qualified/accredited Separation of hazardous waste from non-hazardous waste 	 Separation of all relevant waste types Waste balance for relevant waste types Single actions to reduce waste (e.g. paper, textile, etc. hazardous waste separation, returnable containers, textile waste is reused or recycled by third party) 	 Systematic efforts to reduce waste (including hazardous waste) Detailed waste balance Reduction plan, target setting, pro- active approach Workers well trained on waste separation 	 Waste management is part of the company strategy Environmental policy includes waste reduction aspects Success on lowering impact can be demonstrated and is communicated to relevant stakeholders (homepage, conferences, environmental report) 	

Foundational	Developing	Progressive	Aspirational
Emissions Soil and Groundwater			
Precautionary measures			
 Contamination of soil and ground water is prevented in critical areas through appropriate measures Pipes, tanks, floors and storage places maintained 	 Maintenance schedules available Third party certificates for tank inspections Protocols for check of floorings, pipes (including underground pipes) 	 Systematic approach Proactive measures (storm water plan, firefighting water retention etc.) No issues in the last 3 years 	 Systematic approach for prevention of soil and ground water contamination is part of management system Exemplary, forward-looking approach Periodical review of measures by management
Historical brownfields			
 No qualified legal issue 	 Brownfield area is existent and known to authorities; actions prescribed by authorities are ongoing OR History of the site is known; brown fields most likely not given 	 Brownfield area is existent and known to authorities; actions prescribed by authorities are completed OR Brown field status checked with spot checks and if necessary remediation started 	 Where there are no apparent brownfields, detailed voluntary status reports available as confirmation that there are no contaminations In case of brownfields known to authorities: remediation exceeds the measures defined by authorities In case of remediation on voluntary basis: remediation finished and also checked by external expert Communication to relevant stakeholders

5 Occupational Health & Safety and Emergency Preparedness

Foundational	Developing	Progressive	Aspirational
OH&S Management			
 Meeting legal requirements No severe incident without an effective and documented follow-up action in the last 3 years Responsibility defined 	 Risk assessments for most important working places given Safety instructions existent; safety signs existent Necessary protective equipment in good order and used Records on work accidents and corrective actions at hand 	 Comprehensive risk assessments with follow-up Employees involved in risk assessments Zero incident target Management is informed annually on issues and improvement (management review) Significant investment in OH&S equipment Pro-active approach (STOP principle: Substitution, Technical measures, Organizational measures, PPE) 	 Certified OH&S management system installed No incident subject to reporting in the last 3 years

Foundational	Developing	Progressive	Aspirational
OH&S Training			
 Workers have basic knowledge (occasional trainings) New workers receive initial training 	 Regular yearly trainings (training on hazardous materials included) Training and information requirements for specific tasks are clearly defined Subcontracted workers trained On-the-job instruction Refreshment trainings Training records available Workers have profound knowledge 	 Comprehensive training program installed Workers have advanced knowledge Training by experts (internal or external); internal trainers are well-educated 	 Periodical review of training program to ensure that it is up to date and effective; corrective actions Training program and training success subject to regular management review
Workplace Atmosphere			
Legal complianceMeasurements at hand (if relevant)	 BLUESIGN limits for workplace atmosphere are kept 	 Systematic monitoring program installed Single/local preventive measures 	 Precautionary principle as strategy
Workplace Noise			
 No obvious violation of legal requirements Personal hearing protection is provided in relevant areas 	 Complete noise register; consistent marking of relevant noise areas Hearing protection is used properly 	 Single/local measures for noise reduction 	 Systematic approach for active noise protection and reduction (e.g. noise protection considered in purchasing conditions and equipment investments)

Foundational	Developing	Progressive	Aspirational
Emergency Preparedness			
 Meeting legal requirements Responsibilities defined Several actions (e.g. emergency exits marked, fire extinguisher/hydrants in place, trainings performed, assembly point(s) marked) 	 Systematic approach based on risk assessments Responsible persons named, well-educated and sufficient (e.g. first aiders, fire fighters) Emergency preparedness plan (alarm list with phone numbers, of internal and external responsibilities) Regular and documented trainings (fire, evacuation) Consistent and sufficient pictograms Emergency devices appropriate, sufficient and maintained (e.g. company has knowledge on type of suitable fire extinguisher) Preparedness for severe accidents (for companies where major accidents can happen due to kind and quantity of hazardous materials stored and processed) 	 Employees involved in planning emergency preparedness and response Zero incident target Records on incidents and corrective actions at hand Management is informed annually on issues and improvement (management review) High standard of emergency preparedness assured by adopting a comprehensive approach (that includes external experts and authorities) 	 Emergency preparedness is part of certified OH&S management system and visible in the company
Safety Management			
Management of handling and storage of h	azardous materials		
 Meeting legal requirements Actual SDS for all hazardous materials available No severe incident without an effective and documented follow- up action in the last 3 years 	 Risk assessments performed Hazardous chemicals inventory list established Storage/handling advices in SDS followed Toxic and highly toxic chemicals stored in locked areas 	 Comprehensive storage concept established (including hazardous waste) 	 Handling and storage of hazardous materials is part of management system and continuous improvement Systematic proactive measures Periodical review to ensure that storage concept is up to date and effective; corrective actions No incident subject to reporting in the last 3 years

Foundational	Developing	Progressive	Aspirational
Operations/Equipment			
 No obvious risk from operation 	 Equipment maintained Control instruments in good order Appropriate retention measures Proper maintenance and marking of storage areas Pipes clearly marked All containers with hazardous chemicals are correctly labeled Regular control of relevant equipment by experts 	 Equipment in very good condition Partly automated filling/dosing or other proactive measures to reduce operational risk 	 Systematic proactive measures to reduce operational risk

6 Share of Manufactured bluesign® APPROVED Chemical Products

Foundational	Developing	Progressive	Aspirational	
Share of manufactured bluesign® APPROVED chemical products (items)				
■ ≥5 %	■ ≥ 25 %	■ ≥ 50 %	■ ≥ 75 %	
Share of manufactured bluesign® APPROVED chemical products (volume)				
■ ≥ 5 %	■ ≥ 25 %	≥ 50 %	■ ≥75%	
The relevant product range shall be regarded (e.g. dyes, textile auxiliaries).				

7 Validity

This document comes into effect from 2020-03.

This document is subject to revisions. Details on the revision procedure for regular and unscheduled revisions are compiled in the bluesign® SYSTEM document.

Disclaimer

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