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Status Report DETOX TO ZERO by OEKO-TEX®

OEKO-TEX® - International Association for Research and Testing in the Field of Textile and Leather Ecology.





OEKO-TEX® Service GmbH | Genferstrasse 23 | CH-8002 Zurich Phone +41 44 501 26 00 | info@oekotex.com | www.oeko-tex.com Hohenstein Laboratories GmbH & Co. KG 74357 Bönnigheim Germany

Company

OEKO-TEX®

Shri Sai Tex Processors SF. No. 160/3, Patchankattu Palayam Tirupur - 641605, Tamilnadu, INDIA

DETOX TO ZERO by OEKO-TEX® Report No.

20001047/4

DETOX TO ZERO Performance

	0%	100%
DETOX TO ZERO PERFORMANCE		
WASTEWATER AND SLUDGE		100%
MRSL		100%
GENERAL MANAGEMENT		96%

Status Report Issued 13.03.2025

The DETOX TO ZERO status report consists of 26 pages.

OEKO-TEX® Service GmbH | Genferstrasse 23 | CH-8002 Zurich Phone +41 44 501 26 00 | info@oekotex.com | www.oeko-tex.com

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		Max.	Actual		
No.	Description	Score	Score	in %	
1	Wastewater and sludge	630	630	100	8
2	MRSL	120	120	100	9
3	General management	232	223	96	10
	3.1 Management system/organization (responsibilities)	38	37	97	10
	3.2 Chemical management	54	54	100	12
	3.3 Permits, legal requirements (license)	50	46	92	14
	3.4 Environment, health & safety (EHS)	53	53	100	15
	3.5 Production process	21	17	81	19
	3.6 Storage	16	16	100	21
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Institute - Contact Information

Name	Hohenstein India Pvt. Ltd. Mumbai Office
Address	Office No. 131, 3rd Floor, Building No. 1, Solitaire Corporate Park, Guru Hargovindji Marg,
	Andheri-Ghatkopar Link Road, Andheri (E)
City	400 093 Mumbai
Country	India
Auditor(s)	Ragunath Natarajan, Sakthidharan Brahmanayagam
Email	mumbai@hohenstein.com
Phone	+9122 41467263/64
Phone	+9122 41467263/64



General Company Information

Company contact Name Address City	Shri Sai Tex Processors SF. No. 160/3, Patchankattu Palayam / Tirupur - 641605, Tamilnadu / India Tirupur - 641605, Tamilnadu
Contact details nominated OEKO-TEX® responsible person Name Email	Sathiya Seelan lab@shrisaitex.com
Company information	
Checked areas	Printing, dyeing, washing, finishing, dye store, chemical stores, effluent treatment plant, reverse osmosis plant, scrap storage, sludge storage area, sewage treatment plant, boiler, diesel generator area, power panel room, maintenance area.
Article produced/dealed with	Commission dyeing and finishing for 100% cotton and cotton/elastane knitted fabrics in white, reactive dyed and finished
production process	Knitting, dyeing, printing, washing and finishing
Audit information	
Basis of the report	The basis of the DETOX TO ZERO verification is the completion of the assessment including an evaluation through Hohenstein India Pvt. Ltd. Mumbai Office as well as the auditing of the production facility. Shri Sai Tex Processors completed the assessment on 12.01.2025 and was audited in Tirupur - 641605, Tamilnadu on 06.02.2025 by the OEKO-TEX® Institute Hohenstein India Pvt. Ltd. Mumbai Office.
Start of verification	08.07.2020
Date of finishing assessment tool	12.01.2025
Date of audit on-site Participants	06.02.2025 Mr. Govindharaj, Mr. Sathiya Seelan, Mr. John Jose, Mr. Ravikumar, Mr. Jeyaram, Mr. Ponniah
Quality of data	
Assessment	Good
Audit on-site	Good

Executive Summary Report

1. Wastewater and sludge

The provided wastewater and sludge report meets the criteria given by the DETOX TO ZERO MRSL. The report from TUV SUD, dated on 29-11-2024 shows no chemical groups affected.

2. MRSL

The facility has 120 chemicals in storage. 119 of the chemicals, identified by CAS No. meet the criteria given by the DETOX TO ZERO MRSL. 1 chemical cannot be classified as CAS number was not available. Declaration letter from the chemical supplier were available for 1 chemical to ensure that the products do not contain any hazardous substances.

3. General management

The facility is well maintained, clean and organized. OEKO-TEX® sees good approaches and a potential to continuously improve the performance. The DETOX TO ZERO report provides corrective actions to support the improvement of the facility. The facility complies with all applicable legal requirements, however, the hazardous authorization does not include hazardous wastes such as waste containing oil and e-wastes in the consent for handling and storage of waste. The facility has an option for improvement in the area like displaying of environmental objectives and include hazardous wastes such as waste containing oil and e-wastes in the consent which are given as corrective actions.

Corrective Actions

No.	Recommendation:	ID	Suggested implementation by:
3	General management		
3.1	Management system/organization (responsibilities)		
	3.1.5 The facility should display the environmental objectives in the factory premises.	60	03/2025
3.3	Permits, legal requirements (license)		
	3.3.5 The facility should ensure the permission for handling and disposal of waste including hazardous wastes like waste containing oil and e-wastes is available in the form of valid consent.	358	06/2025



Liability

You are authorized to use this report for communication. This report incorporates a snapshot during a certain time period while the assessment was done and the audit was conducted. This report doesn't represent a full certification or any right to label or mark neither products nor facilities. The responsibility lies fully with the facility. This report is only a documentation if any of the eleven priority chemicals were detected and if the philosophy of the precautionary principle and precautionary action are taken. Furthermore the report should show if the philosophy of the right to know is lived and that data are publically available.

The report is valid until: 31.03.2026

0EK0-TEX®

Signature for OEKO-TEX®

Hohenstein India Pvt. Ltd. Mumbai Office

Signature Lead Auditor

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MUnd

1. Wastewater and sludge

			Max.	Actual
No.	Description	ID	Score	Score
1.1	Has wastewater / sludge been tested for STeP / DETOX TO ZERO compliance?	1151	630	630
	✓ Yes			
	Has sludge been tested for STeP / DETOX TO ZERO compliance?			
	✓ Yes			
	Are any of the chemicals detected above the reporting limit value or not tested according to the STeP / DETOX TO ZERO Chemical List?			
	Yes			
	✓ No			
	No			
	Auditor Comment: The facility has tested the wastewater and sludge for OEKO-TEX® DETOX TO ZERO MP mandatory parameters and no chemicals detected above the reporting limit value.	SL complianc	e covering	all

2. MRSL

			Max.	Actual
No.	Description	ID	Score	Score
2.1	Which chemicals are used in the facility?	1229	120	120
	Auditor Comment: The facility has a total of 120 chemicals used and out of this CAS num and CAS number declaration were available for 1 chemical. The facil Ethylenediamine Tetra Acetic Acid, Buffer Solution for Water Hardness contain substances listed in the OEKO-TEX® DETOX TO ZERO MRSL fulfilled the last audit corrective action.	ity is using three lab chemicals as and Methyl Orange Solution 0	such as .1%, whicl	ı

Product name

13.03.2025

CAS No.

3. General management

3.1. Management system/organization (responsibilities)

No.	Description	ID	Max. Score	Actual Score
3.1.1	Do you have a quality management system?	84	10	10
	Ves Yes			
	☑ ISO 9001			
	Own system			
	□ Other			
	□ No			
	Auditor Comment: The quality management system of the facility is ISO 9001:2015 certified by Bureau Verita valid till 07 March 2027.	as and the c	ertificate	is
3.1.2	Does an environmental management system exist in your facility? Written down or "lived" ISO 14001	53	10	10
	Emas			
	Own System.			
	□ No			
	Auditor Comment: The environmental management system of the facility is ISO 14001:2015 certified by Bure certificate is valid till 07 March 2027.	eau Veritas a	and the	
3.1.3	Does the factory have an organization chart which defines the responsibilities of each department?	131	0	0
	Auditor Comment: The facility has prepared an organizational chart with responsibilities of each department.			
3.1.4	Does the company have a designated person who is responsible for all duties concerning Chemical Management?	984	10	10
	Who is the responsible person (name and position)?			
	Mr. Sathiya Seelan - Chemical Management Officer			
	Auditor Comment:			
	The facility has nominated Mr. Sathiya Seelan as the responsible person for chemical mar submitted his appointment letter along with their role and responsibilities during the audit	-	he facility	has
3.1.5	Is the environmental policy, along with the environmental objectives, as well as the organizational structure, known to all employees?	60	2	1
	✓ Yes			
	□ No			

No.	Description	ID	Max. Score	Actual Score
	Auditor Comment: The facility has defined environmental policy and objectives. The policy and organization employees, however, the facility does not display the environmental objectives. The poin			
3.1.6	Is there a dedicated facility emergency response team to deal with pollution incidents? Yes	476	1	1
	Please name persons involved in this team or enclose relevant document(s)			
	Mr. Govindharaj (General Manager), Mr. John Jose (Production Manager), Mr. Sathiya Seelan (Chemical Management Officer), Mr. Devendran (Store In-charge), Mr. Ponniah (HR Manager)			
	🗆 No			
	Auditor Comment: The facility has dedicated emergency response team to deal with pollution incidents.			
3.1.7	Is there a strategy defined, and corresponding measures installed to ensure compliance with legal requirements in the end user market and with RSL's from buying brands and retailers? Yes	225	2	2
	□ No			
	Auditor Comment: The facility is collecting confirmation letters from chemical suppliers to ensure the comp of end customers. The facility also performs the testing on the finished product as per the the end user market as well as buying brand to ensure compliance.		•	
3.1.8	 Does the facility have a signed declaration from dyestuff and chemical suppliers that the products purchased meet their customer's publically declared product specifications? STeP by OEKO-TEX® MRSL ZDHC MRSL ECO PASSPORT by OEKO-TEX® Other 	1089	3	3
	✓ Other			
	None			
	Auditor Comment: The facility collects valid declarations from chemical suppliers to ensure the compliance	to legal req	uirement.	

Total

38 37

3.2. Chemical management

No.	Description	ID	Max. Score	Actual Score
3.2.1	Does the company have a register/inventory of all chemicals including maintenance products (including oils, cleaning agents,) with product names?	151	10	10
	☑ Yes			
	Please upload your list under ID 1229.			
	□ No			
	Auditor Comment: The facility maintains an inventory list having information about process and non-core cl	hemicals.		
3.2.2	Does this register/inventory contain information about the classification of the products according to hazard classes (GHS: physical, health and environmental)?	1185	3	3
	✓ Yes			
	No			
	Auditor Comment: The information about hazard classes is available for all chemicals in the inventory.			
3.2.3	Does this register/inventory contain CAS number(s) of the substance(s) in the products? Ves	1186	8	8
	□ No			
	Auditor Comment: The information about CAS number is available for 119 out of 120 chemicals in inventory the chemical supplier were available for 1 chemical.	y and valid c	leclaration	from
3.2.4	Does this register/inventory include an indication where the chemicals are used? Yes	1187	2	2
	□ No			
	Auditor Comment: The information about the usage of chemicals is available in the chemical inventory.			
3.2.5	Does this register/inventory include an indication where the chemicals are stored? Yes	1188	2	2
	□ No			
	Auditor Comment: The chemical inventory has information about storage of chemical.			
3.2.6	Does this register / inventory contain information about composition of the products (nam of substances incl. percentage)?	es 1231	6	6
	✓ Yes			
	□ No			
	Auditor Comment: The chemicals inventory contains information about composition of products including n	ame and pe	rcentage.	
3.2.7	Are SDS for all chemicals used for processes and non-core activities available?	222	3	3

No.	Description	ID	Max. Score	Actual Score
110.	✓ Yes		00010	00010
	Are the SDS conform to GHS rules?			
	✓ Yes			
	\square No			
	Auditor Comment: SDS copies are available for all processes and non-core chemicals and are up to date. The last audit corrective action.	he facility h	as fulfilled	the
3.2.8	Are the SDS conform to GHS rules?	1190	1	1
	✓ Yes			
3.2.9	Where do you keep SDS files?	367	5	5
	Central place in office			
	✓ Close to the storage place			
	Are SDS's easy available/accessible to all employees?			
	☑ Yes			
3.2.10	Do you have a documented system for handling and storage of chemicals?	1192	4	4
	☑ Yes			
	🗆 No			
	Auditor Comment: The facility has a defined and documented system for handling and storage of chemicals	6.		
3.2.11	Are all chemical containers, boxes, filling stations, etc. marked with the respective GHS warning symbols?	379	10	10
	✓ Yes			
	□ No			
	Auditor Comment: The chemical containers, boxes, filling stations are marked with GHS warning symbols a fulfilled last audit corrective action.	t all areas. ⁻	The facility	has

Total

54 54

3.3. Permits, legal requirements (license)

No.	Description	ID	Max. Score	Actual Score
3.3.1	Description Does the facility hold the necessary license(s) or permit(s) for storage or use of hazardous substances?	354	10	10
	✓ Yes			
	No			
	Auditor Comment: The facility does not have storage or use of hazardous substances, hence this question is	not applicab	le.	
3.3.2	Does the facility hold the necessary license(s) or permit(s) for use of water? Ves	1109	10	10
	No			
	Auditor Comment: The facility has got necessary permission for use of water and submitted the copy of appr during the audit.	roval from go	overnmen	t
3.3.3	Do you know the legal requirements and conditions regarding cleaning of wastewater?	411	10	10
	✓ Yes			
	No			
	Auditor Comment: The legal requirements and conditions regarding cleaning of wastewater are available in t consent.	he facility in	the form	of
3.3.4	Does the facility hold the necessary license(s) or permit(s) for wastewater discharge? ✓ Yes	1071	10	10
	No			
	Auditor Comment: The facility has got necessary permission for wastewater discharge in the form of valid fa local pollution control board. The facility does not make any discharge of wastewater into effluent treatment plant as they have a zero liquid discharge plant.	-		-
3.3.5	Does the facility hold the necessary license(s) or permit(s) for disposal/handling of waste?	358	10	6
	✓ Yes			
	□ No			
	Auditor Comment: The facility holds the necessary license for disposal and handling of waste. However the h waste containing oil and e-wastes which is not included in their submitted consent issued board. The points reduced from 10 to 6.			
	waste containing oil and e-wastes which is not included in their submitted consent issued			

Total

50 46

3.4. Environment, health & safety (EHS)

No.	Description	ID	Max. Score	Actual Score
3.4.1	Is a risk assessment performed for critical (physical, health or environmental characteristic) chemicals used, including non-production chemicals?	220	3	3
	No			
	Auditor Comment: The facility has performed risk assessment for the all critical chemicals.			
3.4.2	Are the people working with chemicals aware of the meaning of the GHS (global harmonized system) pictograms and associated hazards and can they distinguish them? Yes	148	1	1
	No			
	Auditor Comment: The facility provides training to workers on GHS pictograms, associated hazards and chem are aware about the subject and has been verified during the interaction with workers duri has submitted the training content and records during the audit.		-	
3.4.3	Is appropriate PPE provided at relevant workplaces? ✓ Yes	1091	3	3
	Is the use of PPE mandatory for relevant workplaces?			
	☑ Yes			
	No			
	Is the use of PPE regularly controlled?			
	☑ Yes			
	No			
	□ No			
	Auditor Comment: The facility has provided appropriate PPE at all working areas and the usage of PPE at rele regularly controlled.	vant workp	laces was	S
3.4.4	Is equipment provided to ensure safe working conditions (e.g. equipment for safer handling of chemicals, lifting tools for easier handling of goods, etc.)?	1201	3	3
	Is the use of such equipment mandatory for relevant workplaces?			
	Ves			
	✓ Tes			
	Is the use of such equipment regularly controlled?			
	Yes			
	✓ Yes No			
13.03.2	2025 Edition 01,2017			15 26

No.	Description	ID	Max. Score	Actual Score
NO.			00010	00010
	Auditor Comment: The facility has provided trolleys for lifting and moving of chemicals and such equipment	is regularly	/ maintaine	d.
3.4.5	Are there records from initial and re-fresh safety training, including proper use of PPE? Ves	193	3	3
	□ No			
	Auditor Comment: The facility has submitted the records of continuous training on PPE usage.			
3.4.6	Is there a prevention and action plan with instructions concerning chemical hazards? Ves	199	10	10
	□ No			
	Auditor Comment: Prevention and action plan with instructions concerning chemical hazards is available with	h the facili	ty.	
3.4.7	Does the facility provide equipment to avoid chemicals to enter the drainage system, open waters and the soil in case of an accident?	381	10	10
	✓ Yes			
	Which measures are taken?			
	✓ Interceptive tanks			
	✓ Collecting basin			
	Sealed floors			
	☑ Drain covers			
	Spill response material			
	Spill eventually program			
	Machine integrated safety system			
	□ Others			
	□ No			
	Auditor Comment: The facility has provided measures like secondary containments, collecting basin, sealed machine integrated safety system, spill response material near by all chemical storage and and water contamination in case of an accident.			oid soil
3.4.8	Does a drainage plan exist?	416	3	3
	✓ Yes			
	□ No			
	Auditor Comment: The facility has submitted the drainage plan.			
3.4.9	How is your wastewater cleaned?	414	10	10

No.	Description	ID	Max. Score	Actual Score
	Own treatment plant with direct insertion into open water			
	Own treatment plant with indirect insertion into municipal purification / wastewater treatment plant			
	Own collecting / mixing basin with transfer to municipal purification / wastewater treatment plant			
	✓ Others			
	No treatment			
	Auditor Comment: The facility has effluent treatment plant which cleans the wastewater generated from all reverse osmosis plant. Around 98% water is re-used in process and the rejected water f to multi effect evaporator. There is no discharge of wastewater into natural waters and c	rom reverse	osmosis is	s sent
3.4.10	How do you get rid of any kind of waste (production and other) in your facility?	447	5	5
	Recycling (internally & externally)			
	Please indicate the share			
	10			
	Incineration by licensed company			
	Incineration with own licensed/permitted plant			
	Own landfill			
	Burning on premises of facility			
	Transfer into natural waters			
	Transfer into purification plant			
	Taking back by supplier			
	✓ Transfer to another company to use			
	Please indicate the share			
	40			
	External landfill (Community, Licenced company)			
	Please indicate the share			
	50			
	Others			
	Auditor Comment: The facility disposing wastes like fabric, paper, poly sheet, plastics, metals, others to rec disposing hazardous wastes to authorized waste handling companies.	cycling vendo	rs. The fa	cility
3.4.11	Is waste marked regarding the possibility of recycling and sorted by type?	463	2	2
	✓ Yes			
	□ No			
	Auditor Comment:			

No.	Description	ID	Max. Score	Actual Score
	The facility has sorted the waste according to type and possibility of recycling.			

Total

3.5. Production process

No.	Description	ID	Max. Score	Actual Score
3.5.1	Is the water usage measured?	405	10	10
	✓ Yes			
	276803			
	2024			
	□ No			
	Auditor Comment: The facility measures the water usage and consumption of water used in the production from January 2024 to December 2024.	n process wa	as 276803 i	n ³
3.5.2	Do you measure your wastewater from all sources?	413	2	2
	✓ Yes			
	What is the total wastewater amount / year?			
	0			
	Are different main section streams of the wastewater measured separately?			
	☑ Yes			
	□ No			
	□ No			
	Auditor Comment: Since the facility has zero liquid discharge plant and no wastewater discharges into ope purification plant.	en waters or	common	
3.5.3	Is the capacity of the wastewater treatment plant sufficient for the purification of the amount of wastewater?	1211	3	3
	Auditor Comment:			
	The facility has a wastewater treatment plant with capacity sufficient for the purification wastewater generated. However, the facility has 1000 m ³ per day capacity of effluent to wastewater generate from process is 700 m ³ per day.			
3.5.4	Do you reuse residue of sizing bath?	449	2	0
	☐ Yes			
	✓ No			
	Auditor Comment: Since the facility does not have sizing process, so this question is not applicable.			
3.5.5	Do you reuse residue of pre-treatment bath?	450	2	0
	□ Yes			
	✓ No			

No.	Description	ID	Max. Score	Actual Score
	Auditor Comment: The facility does not reuse the residue of pre-treatment bath.			
3.5.6	Do you reuse residue of dyeing bath? Yes No 	451	2	0
	Auditor Comment: The facility has exhaust dyeing process, so this question is not applicable.			
3.5.7	Do you reuse residue of printing paste? ✓ Yes No	452	2	2
	Auditor Comment: The facility reuses the residue of printing paste.			
3.5.8	Do you reuse residue of finishing bath? Yes No 	453	2	0
	tor Comment: facility has exhaust finishing process, so this question is not applicable. However, the facility has a stenter in fuction process and only hot air being used in stenter.			
3.5.9	Do you reuse residue of coating paste/foam? Yes No	454	2	0
	Auditor Comment: The facility does not have coating process, so this question is not applicable.			

Total

21 17

3.6. Storage

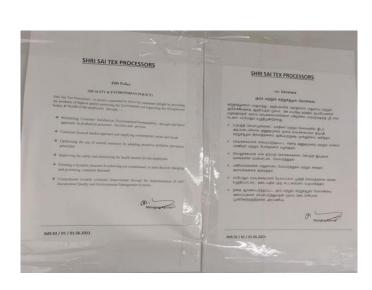
No.	Description	ID	Max. Score	Actual Score
3.6.1	Is hazardous waste stored safely that it does not have any impact on the environment (soil, waters etc.)?		10	10
	✓ Yes			
	□ No			
	Auditor Comment: The facility has stored hazardous waste in such a way that it does not have an impact on t facility has fulfilled the last audit corrective action.	he environm	ent. The	
3.6.2	Are the storage rooms for products like base chemicals, auxiliaries, dyes, pigments, solvent-, cleaning and degreasing agents, machine oils, etc. only accessible to specified employees?	378	3	3
	✓ Yes			
	□ No			
	Auditor Comment: Chemical storage rooms are accessible to specified employees only. The facility has fulfille action.	ed the last a	udit corre	ective
3.6.3	Which measures are taken while handling hazardous/incompatible chemicals to avoid uncontrolled contact with each other?	380	3	3
	✓ By separation			
	Collecting basin for liquids			
	✓ Closed rooms/or exhaust system to prevent dust accumulation			
	Others			
	Auditor Comment: The facility has kept all the chemicals separately in closed rooms with full ventilation to av with each other.	oid uncontro	lled cont	act

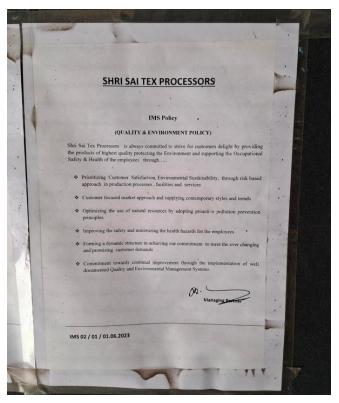
Total

16 16

Annex/Photos

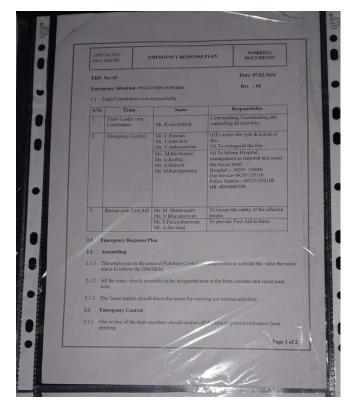
3.1. Management system/organization (responsibilities)





Environment policy displayed in factory premises.jpg

Quality policy displayed in factory premise.jpeg



Emergency response team members displayed in factory premises.jpeg

3.2. Chemical management





GHS symbols dispayed at diesel storage.jpg

GHS symbol displayed on printing inks.jpg



3.4. Environment, health & safety (EHS)



Worker using proper PPE in chemical store.jpg

Worker using proper PPE In printing inks store.jpg



Trolleys used for transporting chemicals.jpg

Spill kit provided in chemical stores.jpg



Non-hazardous waste stored according to type.jpg

3.6. Storage



Hazardous waste like Used oil stored seperately.jpg

Hazardous waste like sludge stored safely.jpg





Authorised person names displayed in dyeing chemicals stores.jpg

Authorized person names displayed in priniing chemical stores.jpg