

Edition 01.2019

Status Report

DETOX TO ZERO by OEKO-TEX®

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



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DETOX TO ZERO 

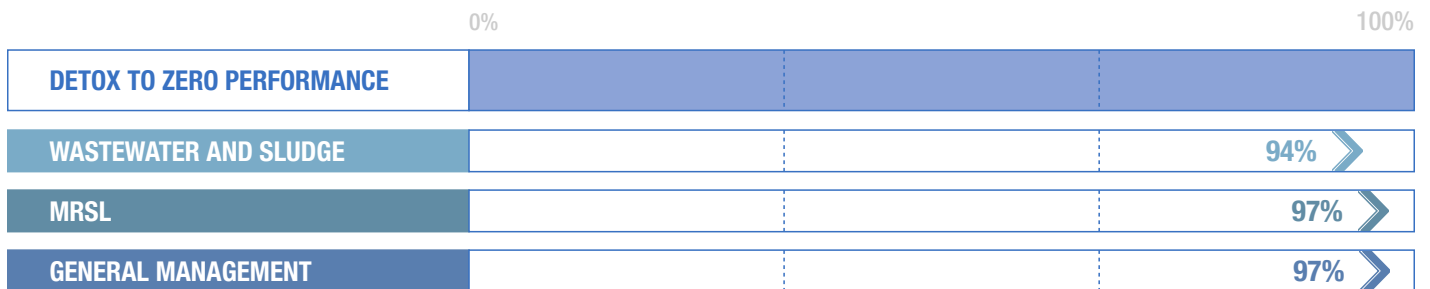
Company

UTENOS TRIKOTAZAS
J. Basanaviciaus Str. 122
28214 UTENA, LITHUANIA

DETOX TO ZERO by OEKO-TEX® Report No.

18000504/2

DETOX TO ZERO Performance



Status Report Issued 28.10.2019

The DETOX TO ZERO status report consists of 21 pages.

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2	MRSL	387	377	97	10
3	General management	261	252	97	11
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Institute - Contact Information

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General Company Information

Company contact

Name	UTENOS TRIKOTAZAS
Address	J.Basanaviciaus str.122 / LT-28214 UTENA / Lithuania
City	UTENA

Contact details nominated

OEKO-TEX® responsible person

Name	Project Manager Jurgita Stankuniene
Email	jurgita.stankuniene@ut.lt

Company information

Checked areas	Knitting, dyeing, digital printing, printing, cutting, sewing, boiler & generator room, dyes & chemicals store, yarn & fabric store, waste storage.
Article produced/dealed with production process	T-shirts knitting-bleaching-dyeing-printing-finishing-cutting-sewing-logistic

Audit information

Basis of the report	The basis of the DETOX TO ZERO verification is the completion of the assessment including an evaluation through DTI Tekstil Technologisk Institut as well as the auditing of the production facility. UTENOS TRIKOTAZAS completed the assessment on 11.09.2019 and was audited in UTENA on 24.09.2019 by the OEKO-TEX® Institute DTI Tekstil Technologisk Institut.
Start of verification	29.07.2019
Date of finishing assessment tool	11.09.2019
Date of audit on-site	24.09.2019 - 26.09.2019
Participants	Ms. Jurgita Stankūnienė (Project Manager)

Quality of data

Assessment	Good
Audit on-site	Good

Executive Summary Report

1. Wastewater and sludge

The provided revised wastewater report (WW) doesn't completely meet the criteria given by the DETOX TO ZERO MRSL. The report from Intertek, dated 03.10.2019, shows that 9 substances were detected with concentration above the DETOX TO ZERO reporting limit. This affects 2 of the 11 priority chemical groups.

Findings:

Antimony (Sb), CAS No. 7440-36-0, 15 µg/L. Copper (Cu), CAS No. 7440-50-8, 13 µg/L. Zinc (Zn), CAS No. 7440-66-6, 49 µg/L, Manganese (Mn), CAS No. 7439-96-5 9 µg/L. Boric acid, CAS No. 10043-35-3 and 11113-50-1, 96 µg/L, Diboron trioxide, CAS No. 1303-86-2, 54 µg/L, Disodium tetraborate anhydrous, CAS No. 1303-96-4, 1330-43-4 and 12179-04-3, 73 µg/L, Tetraboron disodium heptaoxide, hydrate, CAS No. 12267-73-1, 84 µg/L and Antimony trioxide, CAS No. 1309-64-4, 17 µg/L. It is recommended to make another wastewater test and have another test institute perform the analysis.

There has not been detected any flame retardant chemicals or fibers during the audit. Found values of Antimony is presumed to originate from the polyester where it has been used as catalyst during the fiber production. The same is presumed for Boron compounds where boron has been found and then calculated as "worst case scenario" of each specified boron compound.

The sampling of waste water was done from a worker of UTENOS TRIKOTAZAS and not from the testing institute.

2. MRSL

The facility has 437 chemicals in storage. 363 chemicals, identified by CAS No. meet the criteria given by the DETOX TO ZERO MRSL. 8 chemicals contain substances that are listed on the DETOX TO ZERO MRSL.

Summarized, UTENOS TRIKOTAZAS is on a good way to phase out hazardous chemicals. Most of the efforts to meet the DETOX TO ZERO by OEKO-TEX® criteria is already done. So the chance of reaching compliance until 2020 is given.

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 reached scoring of 91% shows that UTENOS TRIKOTAZAS have implemented far reaching measures compared to last year in order to meet the criteria of DETOX TO ZERO by OEKO-TEX®. A working management system is implemented, chemicals and production processes managed in a good manner.

Corrective Actions

No.	Recommendation:	ID	Suggested implementation by:
1	Wastewater and sludge		
1.2	It is recommended to make another wastewater test and have another test institute perform the analysis.	1228	
2	MRSL		
2.1	It is recommended to substitute the 8 MRSL-problematic chemicals mentioned in ID 1229 to more environmental friendly chemicals. There are a lot of old, unused samples which have not been used as well as old faced out chemicals. It is recommended to ensure correct disposal of these.	1229	
3	General management		
3.2	Chemical management		
3.2.1	In some places smaller samples of chemicals are used, and these are not marked correctly according to ID 379, but carried out with a simple name-tag. In order to comply with ID 379 it is recommended to contact the relevant suppliers and ask them to send correct labels for the relevant chemical products.	379	

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: 31.10.2020

OEKO-TEX®

DTI Tekstil Teknologisk Institut

Signature for OEKO-TEX®

Signature Lead Auditor



Secretary General for OEKO-TEX®
Georg Dieners



Lead Auditor for OEKO-TEX®
Johnny Rodam

1. Wastewater and sludge

No.	Description	ID	Max. Score	Actual Score
1.1	<p>Has wastewater and sludge been tested for DETOX TO ZERO MRSL? The maximum score indicates the amount of substances.</p> <p><input checked="" type="checkbox"/> Yes, only wastewater</p> <p><input type="checkbox"/> Yes, wastewater and sludge</p> <p><input type="checkbox"/> No</p>	1170	0	0
1.2	<p>Has waste water been tested for DETOX TO ZERO MRSL compliance?</p> <p><input checked="" type="checkbox"/> Yes</p> <p>Are any of the chemicals detected above the reporting limit value or not tested according to the DETOX TO ZERO MRSL?</p> <p><input checked="" type="checkbox"/> Yes</p> <p>Please specify the chemical group first: IMPORTANT INSTRUCTIONS are available in the help field for this question</p> <p>Do you agree to have the above given register publicly accessible on the www.oeko-tex.com website?</p> <p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> No</p> <p><input type="checkbox"/> No</p>	1228	269	252

Auditor Comment:

Also 84 mg/kg Tetraboron disodium heptaoxide, hydrate was retorted by Intertek, commented as worst case calculated result.

Substances exceeding the reporting limit	Reporting Limit ¹ µg/L	Wastewater Result µg/L	Reporting Limit mg/kg	Sludge Result mg/kg
OTHER FLAME RETARDENTS				
Sodium Tetraborate	0.5	73.0	-	-
Boron Trioxide	0.5	54.0	-	-
Boric Acid	0.5	96.0	-	-
Antimony Trioxide	0.5	17.0	-	-
HEAVY METALS				
Total Copper (Cu)	1	13.0	-	-
Total Zinc (Zn)	1	49.0	-	-
Total Manganese (Mn)	1	9.0	-	-
Total Antimony (Sb)	1	15.0	-	-

¹ Reporting limits are no limit values. Testing result exceeding the reporting limits must be reported

General requirements	Unit	Reporting Limit ¹	Wastewater Result	Reporting Limit	Sludge Result
pH-value	pH Value	6.0-9.0	6.88	-	-
Color/spectral absorption at 436 nm	m-1	10	-	-	-
Color/spectral absorption at 525 nm	m-1	7	-	-	-
Color/spectral absorption at 620 nm	m-1	5	-	-	-
Absorbable organic halogens AOX (as Cl)	mg/l	1	-	-	-
Chemical oxygen demand COD (as O ₂)	mg/l	200	783.0	-	-
Biochemical oxygen demand BOD ₅ (as O ₂)	mg/l	50	620.0	-	-
Phosphor total as P	mg/l	5	-	-	-
Ammonia as NH ₄ ⁺	mg/l	10	-	-	-

¹ Reporting limits are no limit values. Testing result exceeding the reporting limits must be reported

2. MRSL

No.	Description	ID	Max. Score	Actual Score
2.1	Which chemicals are in the facility?	1229	387	377

Auditor Comment:

It is recommended to substitute the 8 MRSL-problematic chemicals to more environmental friendly chemicals. There are a lot of old, unused samles which have not been used as well as old faced out chemicals. It is recommended to ensure correct disposal of these.

DETOX TO ZERO MRSL:

Chemicals listed in the DETOX TO ZERO MRSL:

Product name	Substance name	CAS No.
Aqua White	Naphtha (petroleum), hydrotreated heavy	64742-48-9
Atrasol GP1	Solvent naphtha (petroleum), light arom.	64742-95-6
Erionyl RED A-3BN-01	Distillates (petroleum), solvent-dewaxed light paraffinic	64742-56-9
Tanavol AS 01	Solvent naphtha (petroleum), light arom.	64742-95-6
Printperfekt Stic SP 2	Naphtha (petroleum), hydrotreated light	64742-49-0
Idrosolveol	Solvent naphtha (petroleum), light arom.	64742-95-6
Adesivo tenax HT	Methyl-ethyl ketone	78-93-3
Schoeller ENG PAD W	Quarz	14808-60-7

Chemicals not allocatable

Product name	CAS No.
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3. General management

3.1. Management system/organization (responsibilities)

No.	Description	ID	Max. Score	Actual Score
3.1.1	<p>Do you have a quality management system? If yes, please indicate which.</p> <p><input checked="" type="checkbox"/> Yes</p> <p><input type="checkbox"/> ISO 9001</p> <p><input checked="" type="checkbox"/> Own system</p> <p>Please describe.</p> <p>ISO 9001 is in the process of being implemented and certification is planned for 2020</p> <p>How long is it running for?</p> <p><input type="checkbox"/> < 1 year</p> <p><input checked="" type="checkbox"/> more than 1 year</p> <p><input type="checkbox"/> Other</p> <p><input type="checkbox"/> No</p>	84	10	10
3.1.2	<p>Does an environmental management system exist in your facility? Written down or "lived"</p> <p><input type="checkbox"/> ISO 14001</p> <p><input type="checkbox"/> EMAS</p> <p><input checked="" type="checkbox"/> Own System.</p> <p>Please describe.</p> <p>We have our own environmental Management system based on ISO 14001. ISO 14001:2015 is in the process of being implemented and certification is planned for 2020</p> <p>How long is it running for?</p> <p><input type="checkbox"/> < 1 year</p> <p><input checked="" type="checkbox"/> more than 1 year</p> <p><input type="checkbox"/> No</p>	53	10	10
3.1.3	<p>Does the factory have an organization chart which defines the responsibilities of each department?</p> <p><input checked="" type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>	131	1	1
3.1.4	<p>Does the company have a designated person who is responsible for all duties concerning Chemical Management?</p> <p><input checked="" type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>	984	10	10

No.	Description	ID	Max. Score	Actual Score
3.1.5	Is the environmental policy, along with the environmental objectives, as well as the organizational structure, known to all employees? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	60	2	2
3.1.6	Is there a dedicated facility emergency response team to deal with pollution incidents? <input checked="" type="checkbox"/> Yes Please name persons involved in this team or enclose relevant document(s) General Director, Production Director, Technical Manager, Personal Manager, Health and Safety Specialist <input type="checkbox"/> No	476	1	1
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? <input checked="" type="checkbox"/> Yes Collection and following of RSL's from buying brands and retailers is the strategy to ensure compliance with legal requirement of end user market. OEKO TEX 100, GOTS standards requirements <input type="checkbox"/> No	225	2	2
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? <input type="checkbox"/> STeP by OEKO-TEX® MRSL <input checked="" type="checkbox"/> ZDHC MRSL <input type="checkbox"/> DETOX by Greenpeace (Code of Conduct and MRSL) <input type="checkbox"/> STANDARD 100 by OEKO-TEX® <input type="checkbox"/> ECO PASSPORT by OEKO-TEX® <input checked="" type="checkbox"/> Other <input type="checkbox"/> No	1089	3	3

Total **39** **39**

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? <input checked="" type="checkbox"/> Yes Please upload your list under ID 1229. <input type="checkbox"/> No	151	10	10
3.2.2	Does this register/inventory contain information about the classification of the product according to hazard classes(GHS: physical, health and environmental)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1185	3	3
3.2.3	Does this register/inventory contain the composition of the products with CAS numbers? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1186	8	8
3.2.4	Does this register / inventory include an indication where the chemical is used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1187	2	2
3.2.5	Does this register/inventory include an indication where the chemicals are stored? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1188	10	10
3.2.6	Does this register / inventory contain information about composition of the product (name of 1231 substance incl. percentage)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1231	10	10
3.2.7	Are SDS's for all chemicals used for processes and non-core activities available? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	222	2	2
3.2.8	Are the SDS conform to GHS rules? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1190	1	1
3.2.9	Where do you keep SDS files? <input checked="" type="checkbox"/> Central place in office <input checked="" type="checkbox"/> Close to the storage place Are SDS's easy available/accessible to all employees? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	367	5	5
3.2.10	Do you have a documented system for handling and storage of chemicals? <input checked="" type="checkbox"/> Yes	1192	4	4

No.	Description	ID	Max. Score	Actual Score
	<input type="checkbox"/> No			
3.2.11	Are all chemical containers, boxes, filling stations, etc. marked with the respective GHS warning symbols?	379	10	8
	<input checked="" type="checkbox"/> Yes			
	<input type="checkbox"/> No			
	<p>Auditor Comment: In some places smaller samples of chemicals are used, and these are not marked correctly, but carried out with a simple label. It is recommended to contact the relevant suppliers and ask them to send correct labels for the relevant chemical products.</p>			

Total **65** **63**

3.3. Permits, legal requirements (license)

No.	Description	ID	Max. Score	Actual Score
3.3.1	Does the facility hold the necessary license(s) or permit(s) for storage or use of hazardous substances? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	354	10	10
3.3.2	Does the facility hold the necessary license(s) or permit(s) for use of water? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1109	10	10
3.3.3	Do you know the legal requirements and conditions regarding cleaning of wastewater? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	411	10	10
3.3.4	Does the facility hold the necessary license(s) or permit(s) for wastewater discharge? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1071	10	10
3.3.5	Does the facility hold the necessary license(s) or permit(s) for disposal/handling of waste? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	358	10	10

Total **50** **50**

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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	220	10	10
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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	148	1	1
3.4.3	Is appropriate PPE provided at relevant workplaces? <input checked="" type="checkbox"/> Yes Is the use of PPE mandatory for relevant workplaces? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Is the use of PPE regularly controlled? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	1091	3	3
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.)? <input checked="" type="checkbox"/> Yes Is the use of such equipment mandatory for relevant workplaces? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Is the use of such equipment regularly controlled? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	1201	3	3
3.4.5	Are there records from initial and re-fresh safety training, including proper use of PPE? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	193	3	3
3.4.6	Is there a prevention and action plan with instructions concerning chemical hazards? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	199	10	10
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	20	13

No.	Description	ID	Max. Score	Actual Score
	<input checked="" type="checkbox"/> Yes Which measures are taken? <input type="checkbox"/> Interceptive tanks <input checked="" type="checkbox"/> Collecting basin <input type="checkbox"/> Sealed floors <input checked="" type="checkbox"/> Drain covers <input checked="" type="checkbox"/> Spill response material <input type="checkbox"/> Spill eventually program <input type="checkbox"/> Machine integrated safety system <input type="checkbox"/> Others <input type="checkbox"/> No			
3.4.8	Does a drainage plan exist?	416	3	3
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Auditor Comment: The drainage plan is very old. An update with better marking is recommended.			
3.4.9	How is your wastewater cleaned?	414	10	10
	<input type="checkbox"/> Own treatment plant with direct insertion into open water <input type="checkbox"/> Own treatment plant with indirect insertion into municipal purification plant <input checked="" type="checkbox"/> Own collecting / mixing basin with transfer to municipal purification plant <input type="checkbox"/> Others <input type="checkbox"/> No treatment			
3.4.10	How do you get rid of any kind of waste (production and other) in your facility?	447	5	5
	<input checked="" type="checkbox"/> Recycling <input type="checkbox"/> Incineration by licensed company <input type="checkbox"/> Own landfill <input type="checkbox"/> Transfer into natural waters <input checked="" type="checkbox"/> Transfer into purification plant <input checked="" type="checkbox"/> Taking back by supplier <input checked="" type="checkbox"/> Transfer to another company to use <input checked="" type="checkbox"/> External landfill (Community, Licenced company) <input type="checkbox"/> Others			
3.4.11	Is waste marked regarding the possibility of recycling and sorted by type?	463	2	2
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

No.	Description	ID	Max. Score	Actual Score
Total			70	63

3.5. Production process

No.	Description	ID	Max. Score	Actual Score
3.5.1	Is the water usage measured (e.g. amount per year)? <input checked="" type="checkbox"/> Yes 273551 <input type="checkbox"/> No	405	10	10
3.5.2	Do you measure your wastewater from all sources? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	413	1	1
3.5.3	Is the capacity of the wastewater treatment plant sufficient for the purification of the amount of wastewater? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1211	3	3
3.5.4	Do you reuse residue of sizing bath? <input type="checkbox"/> Yes <input type="checkbox"/> No	449	N/A	N/A
3.5.5	Do you reuse residue of pre-treatment bath? <input type="checkbox"/> Yes <input type="checkbox"/> No	450	N/A	N/A
3.5.6	Do you reuse residue of dyeing bath? <input type="checkbox"/> Yes <input type="checkbox"/> No	451	N/A	N/A
3.5.7	Do you reuse residue of printing paste? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	452	2	2
3.5.8	Do you reuse residue of finishing bath? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	453	2	2
3.5.9	Do you reuse residue of coating paste/foam? <input type="checkbox"/> Yes <input type="checkbox"/> No	454	N/A	N/A

Total **18** **18**

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.)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1108	10	10
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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	378	3	3
3.6.3	Has compliance been verified with distance and prohibition rules for storage and chemicals? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1113	3	3
3.6.4	Which measures are taken while handling above chemicals to avoid uncontrolled contact with each other? <input checked="" type="checkbox"/> By separation <input checked="" type="checkbox"/> Collecting basin for liquids <input checked="" type="checkbox"/> Closed rooms/or exhaust system to prevent dust accumulation <input type="checkbox"/> Others	380	3	3

Total **19** **19**

Annex/Photos
