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Edition 01.2017

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

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DTI Tekstil
Teknologisk Institut
Gregersensvej
2630 Taastrup, Denmark

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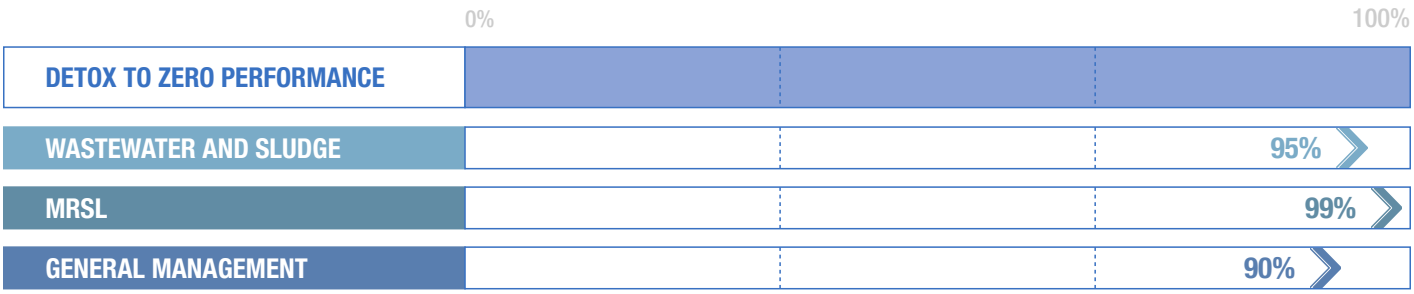
Company

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

DETOX TO ZERO by OEKO-TEX® Report No.

18000504/1

DETOX TO ZERO Performance



Status Report Issued 06.07.2018

The DETOX TO ZERO status report consists of 30 pages.

Content

Institute - Contact Information

Name	DTI Tekstil Teknologisk Institut
Address	Gregersensvej
City	2630 Taastrup
Country	Denmark
Auditor(s)	Johnny Rodam (DTI), Jürgen Purc (HTTI)
Email	aws@teknologisk.dk
Phone	+45 7220 3251

General Company Information

Company contact

Name	UTENOS TRIKOTAZAS
Address	J. Basanaviciaus Str. 122
City	28214 UTENA, LITHUANIA

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	T-shirts
production process	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 Teknologisk Institut as well as the auditing of the production facility. UTENOS TRIKOTAZAS completed the assessment on 01.06.2018 and was audited in UTENA on 05.06.2018 by the OEKO-TEX® Institute DTI Tekstil Teknologisk Institut.
Start of verification	09.05.2018
Date of finishing assessment tool	01.06.2018
Date of audit on-site	05.06.2018 - 06.06.2018
Participants	Ms. Jurgita Stankūnienė (Project Manager)

Quality of data

Assessment	Sufficient
Audit on-site	Good

Executive Summary Report

1. Wastewater and sludge

The provided wastewater report (WW) doesn't completely meet the criteria given by the DETOX TO ZERO MRSL. The report from Intertek, dated 27.06.2018, shows that 8 substances were detected with concentration above the DETOX TO ZERO reporting limit. This affects 1 of the 11 priority chemical groups.
Findings:
Antimony (Sb), CAS No. 7440-36-0, 1,519 µg/L. Chromium (total Cr), CAS No. 7440-47-3, 15.455 µg/L. Copper (Cu), CAS No. 7440-50-8, 85,235 µg/L. Nickel (Ni), CAS No. 7440-02-0, 3,982 µg/L. Zinc (Zn), CAS No. 7440-66-6, 154,439 µg/L. Cadmium (Cd), CAS No. 7440-43-9, 0,162 µg/L. Lead (Pb), CAS No. 7439-92-1, 3,953 µg/L and Manganese (Mn), CAS No. 7439-96-5 74,8 µg/L.

The provided water report (incoming water) doesn't completely meet the criteria given by the DETOX TO ZERO MRSL. The report from Intertek, dated 27.06.2018, shows that 3 substances were detected with concentration above the DETOX TO ZERO reporting limit. This affects 1 of the 11 priority chemical groups.
Findings:
Copper, (Cu) CAS No. 7440-50-8, 22.1 µg/L. Zinc, (Zn) CAS No. 7440-66-6, 5.55 µg/L. Lead, (Pb) CAS No. 7439-92-1, 5.9 µg/L.

Following additional reports has been required by Greenpeace (bleaching & dyeing).

The provided wastewater Report (bleaching) doesn't completely meet the criteria given by the DETOX TO ZERO MRSL. The report from Intertek, dated 27.06.2018, shows that 7 substances were detected with concentration above the DETOX TO ZERO reporting limit. This affects 1 of the 11 priority chemical groups.
Findings:
Chromium (Cr total), CAS No. 7440-47-3, 33,443 µg/L, Copper (Cu), CAS No. 7440-50-8, 94,573 µg/L. Nickel (Ni), CAS No. 7440-02-0, 7,219 µg/L. Zinc (Zn), CAS No. 7440-66-6, 130,823 µg/L. Cadmium (Cd), CAS No. 7440-43-9, 0,197 µg/L. Lead (Pb), CAS No. 7439-92-1, 1,68 µg/L and Manganese (Mn), CAS No. 7439-96-5, 85,561 µg/L.

The provided wastewater report (dyeing) doesn't completely meet the criteria given by the DETOX TO ZERO MRSL. The test report doesn't cover all requested parameters. The report from Intertek, dated 27.06.2018, shows that 9 substances were detected with concentration above the DETOX TO ZERO reporting limit. This affects 1 of the 11 priority chemical groups.
Findings:
Chromium (total Cr), CAS No. 7440-47-3, 13,166 µg/L. Copper (Cu), CAS No. 7440-50-8, 13,821 µg/L. Nickel (Ni), CAS No. 7440-02-0, 13,445 µg/L. Zinc (Zn), CAS No. 7440-66-6, 188,647 µg/L. Arsenic (As), CAS No. 7440-38-2, 1,1 µg/L. Cadmium (Cd), CAS No. 7440-43-9, 0,132 µg/L. Lead (Pb), CAS No. 7439-92-1, 1,138 µg/L. Mercury (Hg), CAS No. 7439-97-6, 0.129 µg/L and Manganese (Mn), CAS No. 7439-96-5, 15,988 µg/L.

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

2. MRSL

The facility has 340 chemicals in storage. 338 chemicals, identified by CAS No. meet the criteria given by the DETOX TO ZERO MRSL. 2 chemicals contain substances that are listed on the DETOX TO ZERO MRSL.

Summarized, UTENOS TRIKOTAZAS iston 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 or 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 DETOX TO ZERO by OEKO-TEX® report provides corrective actions to support the improvement of the facility.

The reached scoring of 90% shows that UTENOS TRIKOTAZAS already implemented far reaching measures 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. However, there still are some issues that show room for improvement. The most important out of these is the storage of oil, waste oil and for chemicals which are not marked with name and the respective GHS warning symbols, have not yet been considered satisfactory.

Corrective Actions

No.	Recommendation:	ID	Suggested implementation by:
1	**Wastewater and sludge**		
1.2	To substitute the chemicals that cause positive findings in the wastewater.	1228	03/2019
2	**MRSL**		
2.1	To substitute the found products Adesivo tenax HT and Rewin KTE-D that contain substances listed on the DETOX TO ZERO MRSL.	1229	10/2018
3	**General management**		
3.2	**Chemical management**		
	3.2.4 The company should indicate in the chemical register for all chemicals where they are used.	1187	09/2018
	3.2.5 Chemical inventory register should contain where the chemicals are stored.	1188	09/2018
	3.2.8 The facility should use SDSs which conform to GHS rules.	1190	10/2018
	3.2.10 All chemical containers, boxes, filling stations, etc. should marked with name and the respective GHS warning symbols.	379	09/2018
3.4	**Environment, health & safety (EHS)**		
	3.4.7 Chemicals (oil) should be stored with secondary container and MSDS.	381	09/2018
3.6	**Storage**		
	3.6.1 Waste oil should be stored with secondary container and including MSDS.	1108	09/2018

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: 31.07.2019

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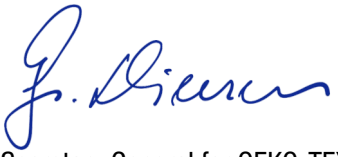
Signature for OEKO-TEX®



Secretary General for OEKO-TEX®
Georg Dieners

DTI Tekstil Teknologisk Institut

Signature Lead Auditor

Lead Auditor for OEKO-TEX®
Johnny Rodam