



## **GREEN TO WEAR 2.1**

September 2021

**Sustainability Standards  
for wet process mills  
(Pre-treatment, Dyeing, Printing, Finishing,  
Washing, Tanneries and Faux leather)**

**INDITEX**

## FACILITIES NOT APPROVED FOR INDITEX PRODUCTIONS - D RANKING

Mills are rated as “D” when at least one of the following non-compliance conditions is true.

Compliance and Emission Control	1. The mill has received 2 or more environmental fines in the last two years.
	2. The mill burns the waste in their facilities without authorization. The mill burns textile waste with or without authorization.
	3. The mill does not have consumption authorization for all its water resources.
	4. The mill does not have authorization for its water discharge.
	5. The mill burns coal/sludge/diesel/fuel oil using a filter without controlling emissions and without meeting the legal limits.
Waste Water	6. There is not an Effluent Treatment Plant (internal and/or external) to treat the processed wastewater before being directly discharged to the environment.
	7. The Effluent Treatment Plant does not properly treat 100% of the processed wastewater (excluding losses like evaporated processed wastewater): it has neither proper wastewater treatment measures nor the adequate size to be able to treat 100% of the mill's processed wastewater.
Permanganate for Denim	8. If the mill is using permanganate without having either of these protection systems: open cabin with spray or waterfall for permanganate recovery, AND/OR without an adequate aeration system. Please note that Permanganate will soon be restricted for Inditex productions at a date to be determined.
DMF for PU	9. If DiMethylFormamide (DMF) is being used in the production unit without the mill having a collection device. DMF will also be restricted soon for Inditex productions, at a date to be determined.
Chemical Management	10. The mill does not have an inventory of the stored chemical products used in the manufacturing process.
	11. The mill does not follow a chemical risk assessment procedure in order to comply with the INDITEX's sustainability policy. There is no control of the chemical products used in production (where less than 20% of chemical products are subject to control). <a href="#">Link to the Supporting Documents</a>
	12. There are chemical products used for INDITEX productions classified as “C” in the current edition of “ <i>The List by INDITEX</i> ”. <a href="#">Link to “The List by INDITEX”</a>
	13. There are chemical products used in the manufacturing process recipe (outside the current edition of “ <i>The List by INDITEX</i> ” or Level 3 of ZDHC Gateway) which tests results are over the limit of the Inditex restrictions.
Chromium VI prevention	14. The chemical products stored at the mill are not registered in the chemicals inventory.
	15. The tannery does not control the chromium(VI) risk associated with the use of fat-liquoring agents.

## FACILITIES APPROVED FOR INDITEX PRODUCTIONS WITH CORRECTIVE ACTION PLAN - C RANKING

Mills are rated as “C” when at least one of the following non-compliance conditions is true.

Compliance and Emission Control	1. The direct or indirect discharge exceeds one or more parameters of the legal limits or the limits agreed with the external Effluent Treatment Plant.
Consumption	2. The mill did not disclose its wastewater results on the public platform, Zero Discharge of Hazardous Chemicals Gateway after GTW audit.
Water Saving	3. The mill does not record its water and energy consumption on a monthly basis.
	4. The mill does not have flow meters in use to monitor its water consumption and/or total discharge.
	5. The mill does not have water level meters/flow meters controllers in use for the laundry, dyeing equipment and mixer vessel.
	6. The exhaust dyeing mill uses inefficient winch dyeing machines with liquor ratio > 1:7. (at least 80% of the production must not come from dyeing machines with liquor ratio > 1:7).
Energy Efficiency	7. The mill does not reuse boiler's condensated water.
	8. The mill does not reuse non-contact cooling water from all the machinery (excludes pure washing units).
	9. The mill is burning coal, diesel, or fuel oil, despite the fact of local availability of natural gas, propane or biomass (FSC certified or from agricultural waste) and other renewable energy.
Waste Water	10. Less than 80% of the steam and condensation pipes are insulated.
	11. The steam and water leakages are not monitored and frequently tested.
	12. The wastewater is not treated with at least a biological or physical-chemical treatment + high rate filtration unit before discharged to nature (excludes pure washing units).
Chemical Management	13. The wastewater is discharged to a Municipal Effluent Treatment Plant without a previous pre-treatment in the mill (excludes pure washing units).
	14. The mill does not test internally or externally its wastewater (at least quarterly analysis of Chemical Oxygen Demand (COD)).
	15. Concentration of substances included in the ZDHC Wastewater Guidelines v1.1 (Table 2.A - 2.N) is > 0,1 ppm. (except substances in table 2.E which is >0,5 ppm). <a href="#">Link to the “ZDHC Wastewater Guidelines”</a>
Chromium VI prevention	16. The mill does not keep record of the manufacturing process, chemicals used, or quantities (no recipes available).
	17. The INDITEX methodology for chemical control is poorly implemented (where less than 60% of chemical products are subject to control). <a href="#">Link to the Supporting Documents</a>
	18. The tannery does not carry out a degreasing process using a product correctly registered as a degreaser in the TDS.
	19. There are no registers of pH measurement of wet-end final baths for each batch of manufactured leather. In the absence of information on this point, registers of pH of the leather for each batch produced.
	20. Skins/hides are discharged and stored out of the drums, at a bath pH over 6.0.
	21. The pH values of finished leather are not within the 3.5 to 4.0 range as measured with ISO 4045 or QB/T 2724.

## FACILITIES APPROVED FOR INDITEX PRODUCTIONS – B RANKING

Mills are rated as “B” when at least one of the following non-compliance conditions is true.

<b>Emission Control</b>	1. The exhaust air from combustion is not monitored or tested and does not comply with legal limits. Air emissions from boiler exhaust system as well as other emission sources (e.g.. stenters, tumblers, curing chambers).
<b>Consumption</b>	2. The mill does not purchase and consume green energy coming from renewable resources and generated externally.
	3. The mill does not achieve the Excellent level of average annual water consumption. <a href="#">Link to the Supporting Documents</a>
<b>Energy Efficiency</b>	4. The mill does not have at least a 4.2% reduction targets on energy consumption or Green House Emissions per kg of production.
	5. All the tanks and all the hot water pipes are not insulated (excluding those buried).
<b>Waste Water</b>	6. The mill does not analyse on a monthly basis the Effluent Treatment Plant for both incoming and outgoing water for at least 4 parameters: COD, BOD, pH & TSS (internal or 3rd party/government).
	7. Water sampling does not meet reporting limits of Zero Discharge of Hazardous Chemicals WasteWater Guidelines 1.1.
<b>Solid Waste</b>	8. Water sampling does not meet Global Effluent Parameters and heavy metals of the Foundational level from ZDHC Waste Water Guidelines 1.1.
	9. Textile fiber and microfiber waste generated during processes, such as but not limited to flocks, brushing and shearing processes, is not treated as a solid waste, nor is it reused or responsibly managed according to applicable legislation.
<b>Chemical Management</b>	10. The mill does not have a hazardous waste inventory and does not send this waste to an authorized agent. The waste is not properly managed (segregation, labelling, isolation and ventilation and leakage prevention).
	11. The INDITEX methodology for chemical control is not fully implemented (where less than 100% of chemical products are subject to control). <a href="#">Link to the Supporting Documents</a>
	12. The mill does not have a failure resolution process that is followed in the event of an RSL test failure.
	13. The mill does not keep a monthly register of the chemical products stored that are used in the manufacturing process.
	14. The chemical inventory does not include the additional information: chemical function, arrival date, storage location, classification according to the current edition of “The List by INDITEX” and level 3 of ZDHC Chemical Module when applicable.
	15. There are not Technical Data Sheets(TDS) and Safety Data Sheets (SDS) available for all chemicals registered in the inventory.
	16. The chemical products inventory does not include lot number for all chemicals outside the current edition of “The List by INDITEX” or not included in Level 3 of ZDHC Gateway.

## FACILITIES APPROVED FOR INDITEX PRODUCTIONS – B RANKING

Mills are rated as “B” when at least one of the following non-compliance conditions is true.

<b>Manufacturing Requirements</b>	17. The recipes and internal orders are not traceable against the customer purchase order.
	18. The recipes are not traceable against the finished articles.
	19. pH and color fastness of garment/fabric/leather substrate are not tested in-house following the INDITEX guidelines (appropriate instrumentation, correct register management, correct testing frequencies and traceability, monthly correlation tests with external certified testing laboratories which results are into defined tolerances).
	20. There is not an internal procedure to communicate and reprocess the batch with a pH non-compliance or a color fastness non-compliance (in case test results do not match the Physical Testing Requirements (PTR)).
<b>Sustainability Management</b>	21. The mill does not have a designated person with proper knowledge about INDITEX sustainability policies.
<b>Chromium VI prevention</b>	22. The tannery does not apply any additional antioxidant protection treatment.



**BEST IN CLASS - A RANKING**

**Mills are rated as "A" when they do not have compliance issues as in D, C or B.**