



GREEN TO WEAR 2.0

January 2020

**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 scored as “D” when at least one of the non-compliances below is encountered.

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 utilities, 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 does not have both proper wastewater treatment measures as well as an adequate size to be able to treat 100% of the mill's processed wastewater.
Permanganate for Denim	8. If the mill using permanganate does not have either of these protection systems: open cabin with spray and waterfall for permanganate recovery OR adequate extraction. We advise you that Permanganate will soon be restricted for Inditex productions, date to be determined.
DMF for PU	9. If DiMethylFormamide (DMF) is being used in the production unit and the mill does not have a collection device. DMF will also be restricted soon for Inditex productions, 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 sustainability policy. There is no control of the chemical products used during production. Link to the Document
	12. There are chemical products used for INDITEX productions classified as “C” in the current edition of “The List by INDITEX” Link to the List

*Auxiliaries, dyestuffs and pigments used in the textile and leather manufacturing processes.

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

Mills are scored as “C” when at least one of the non-conformities listed below is encountered.

Compliance and Emission Control	1. The direct or indirect discharge exceed one or two parameters of the legal limits or the limits agreed with the external Effluent Treatment Plant.
	2. The mill does not disclose its wastewater results on the public platform, Zero Discharge of Hazardous Chemicals Gateway, in 1 month after the results are available.
Consumption	3. The mill does not record its water and energy consumption on a monthly basis.
Water Saving	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 and temperature 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. (It is estimated that at least 80% of the production is not coming from which dyeing machines with liquor ratio > 1:7)
	7. The mill does not reuse boiler's condensated water.
Energy Efficiency	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.
	10. More than 80% of the steam and condensation pipelines are not insulated.
Waste Water	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).
	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)).
Chemical Management	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) Link to the Document ZDHC
	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. Less than 60% of the potentially hazardous chemicals have been checked to verify the compliance with the INDITEX sustainability policy Link to the Document
	18. Less than 50% of hazardous dyestuffs and pigments and less than 20% of the potentially hazardous auxiliaries of the chemical inventory are classified as A/B in the current edition of "The List by INDITEX" Link to the List

FACILITIES APPROVED FOR INDITEX PRODUCTIONS - B RANKING

B mills comply with best practices below and have no compliance issues found in C or D.

<p>Compliance and Emission Control Waste Water Consumption Water Saving Energy Efficiency Permanganate for Denim DMF for PU</p>	<p>1. B Mills have no compliances issues found in C or D.</p>
<p>Chemical Management</p>	<p>2. If the INDITEX methodology for chemical control is implemented in more than 60% of the potentially hazardous chemicals. These must be checked to verify the compliance with the INDITEX sustainability policy. OR at least 50% of hazardous dyestuffs and pigments and at least 20% of the potentially hazardous auxiliaries in the chemical inventory are classified as A/B in the current edition of "The List by INDITEX" Link to the Document</p>

BEST IN CLASS - A Ranking

A mills comply with best practices below and have no compliances issues found in C or D.

Emission Control	1. Air emission from combustion is monitored and tested.
Consumption	2. Annual average water consumption lower than Excellent or Good level. Link to the Document
	3. The mill has at least a 4,2% annual reduction targets on Green House Emissions per kg of production.
Energy Efficiency	4. The mill has an automatic moisture measure systems or internal methods, and heat recovery on stenters.
	5. All tanks, steam and hot water pipes are fully insulated.
Waste Water	6. Monthly analysis of the Effluent Treatment Plant for both incoming and outgoing water for at least 4 parameters: COD, BOD, pH & TSS (internal or 3 rd party/government).
	7. Water sampling meets reporting limits of Zero Discharge of Hazardous Chemicals WasteWater Guidelines 1.1. Link to the Document ZDHC
	8. Water sampling meets Global Effluent Parameters and heavy metals of the Foundational level from ZDHC Waste Water Guidelines 1.1 Link to the Document ZDHC
Solid Waste	9. Textil fiber and microfiber waste generated during process such as but not limited to flocks, brushing, grinding and shearing processes needs to be treated as a solid waste.
	10. The mill correctly manages hazardous waste including the sludge. Waste must be separated, correctly labeled and stored with proper ventilation and leak prevention. Hazardous waste must be treated by an authorized agent.
Chemical Management	11. The INDITEX methodology for chemical control is fully implemented. Link to the Document
Manufacturing Requirements	12. The finished goods are traced from the manufacturing process (recipes and internal orders) back to the purchase order.
	13. pH and color fastness of garment/fabric/leather substrate are tested in-house following the INDITEX guidelines. Link to the Document
Sustainability Management	14. The mill has a designated person with proper knowledge regarding the INDITEX sustainability policies.