

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Wooltex UK Limited

Woodland Mill
Dale Street
Longwood
Huddersfield
West Yorkshire
HD3 4TG

Permit number

EPR/VP3137QZ

Woodland Mill

Permit number EPR/VP3137QZ

Introductory note

This introductory note does not form a part of the permit

This permit controls the operation of a textile mill. The facility, which has been operational since 1996 as a weaving and dry processing facility, has not historically been regulated under the Environmental Permitting Regulations 2016 (EPR). The recent installation of a new wet processing operation, involving activities that have the potential to exceed the relevant thresholds within EPR, means that the facility is being regulated as a Part A1 installation for the first time. The permit implements the requirements of the EU Directive on Industrial Emissions (IED).

The relevant listed activities under EPR relate to the textile production process and the subsequent treatment and disposal of process effluent to sewer, as follows:

- Section 6.4 Part A(1)(a), Pre-treating (by operations such as washing, bleaching or mercerization) or dyeing fibres or textiles in plant with a treatment capacity of more than 10 tonnes per day
- Section 5.4 Part A(1)(a)(ii), Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment.

The main features of the installation permit are as follows:

The installation is designed for the weaving of upholstery fabrics, along with processing fibre, yarn and fabric by dyeing and finishing, dyeing and winding of wool and synthetic fibre yarns, for the apparel, hand knitting, upholstery and carpet yarn manufacturing sectors of the textile trade. Raw fibrous materials are received as loose fibre and yarn and are dyed in this form prior to weaving or are woven and then dyed and finished.

The installation utilises modern machinery which can be readily adapted to dye loose fibre, yarn or fabric depending upon requirement. It includes a number of specialised finishing machines which, mainly through application of steam, temperature and pressure, apply different functional finishes to the final fabric, or modify the physical characteristics of the material.

In addition to a range of synthetic organic dyestuffs, a variety of technical grade chemicals including inorganic acids and bases, organic acids, oxidising and reducing agents and inorganic salts are used in these processes. Formulated preparations designed to perform specific functions are used to control the rate of uptake of dyes (blocking and levelling agents) and impart performance specific characteristics to the fibre (e.g. stain resistance).

The installation, known as Woodland Mill, is located at National Grid Reference SE 11130 16482, in Longwood, Huddersfield, West Yorkshire. The mill is located on Dale Street and is surrounded by a mixture of residential housing and industrial facilities, with the nearest residential dwellings located immediately adjacent to the site boundary.

There are several Habitats Directive sites (Special Area of Conservation (SAC), Special Protection Area (SPA) or Ramsar) within 10km of the installation, namely, South Pennine Moors SAC, South Pennine Moors Phase 2 SPA, and Peak District Moors (South Pennine Moors Phase 1) SPA. There are no Sites of Special Scientific Interest within 2km of the installation, although within this radius there are several non-statutory conservation sites, namely, Gledholt Woods Local Wildlife Site (LWS), Gledholt Woods Local Nature Reserve (LNR) and Huddersfield Narrow Canal LWS.

Emissions to air from the installation consist of combustion gases from two gas fired boilers used to produce steam for the wet processing area, and from two gas fired stenters / dryers. The textile dyeing and finishing machines which are heated by steam, principally vent hot air to atmosphere. There are no direct discharges to surface waters or to groundwater from the installation. There is an emission to sewer of process effluent following on-site treatment for control of pH and temperature, for which the company holds a trade effluent consent from Yorkshire Water. The wastewater can contain permethrin (used in mothproofing agents) and cypermethrin (used in sheep dip), typically present as contaminants on raw wool fibre supplied for scouring and dyeing, as well as trace amounts of other commonly used sheep ectoparasiticides.

In addition to process wastewater the installation produces small quantities of other wastes, typically fibre, packaging materials, metal and redundant chemicals. Where possible waste is recycled on-site, e.g. the reuse of packaging, otherwise it is exported off-site for recovery and/or disposal.

The site operates an Environmental Management System that is certified to ISO 14001:2015.

The permit sets conditions controlling the management, operation and the control of emissions from the installation, including the monitoring and reporting of emissions to all environmental media.

The status log of the permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Application EPR/VP3137QZ/A001	Duly made 05/12/18	Application for textile installation
Response to request for additional information dated 05/03/19	12/03/19	Amended site plan showing installation boundary
Response to request for additional information 26/06/19	16/07/19	Information in respect of specific water consumption, raw materials selection and use, on-site boilers, and emissions to air
Permit determined EPR/VP3137QZ (PAS/Billing ref. VP3137QZ)	16/10/19	Permit issued to Wooltex UK Limited.

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/VP3137QZ

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016

Wooltex UK Limited (“the operator”),

whose registered office is

Woodland Mill

Dale Street

Huddersfield

West Yorkshire

HD3 4TG

company registration number 04047701

to operate an installation at

Woodland Mill

Dale Street

Longwood

Huddersfield

West Yorkshire

HD3 4TG

to the extent authorised by and subject to the conditions of this permit.

Name	Date
Ben Evans	16/10/2019

Authorised on behalf of the Environment Agency

Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activities:

- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure and those drawn to the attention of the operator as a result of complaints; and
- (b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

1.2 Energy efficiency

1.2.1 The operator shall:

- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
- (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
- (c) take any further appropriate measures identified by a review.

1.3 Efficient use of raw materials

1.3.1 The operator shall:

- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
- (b) maintain records of raw materials and water used in the activities;
- (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
- (d) take any further appropriate measures identified by a review.

1.4 Avoidance, recovery and disposal of wastes produced by the activities

1.4.1 The operator shall take appropriate measures to ensure that:

- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
- (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and
- (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.

- 1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and take any further appropriate measures identified by a review.

2 Operations

2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).

2.2 The site

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

2.3 Operating techniques

- 2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by the Environment Agency.
- 2.3.2 If notified by the Environment Agency that the activities are giving rise to pollution, the operator shall submit to the Environment Agency for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2 or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan, and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 2.3.3 Any raw materials or fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.
- 2.3.4 The operator shall ensure that where waste produced by the activities is sent to a relevant waste operation, that operation is provided with the following information, prior to the receipt of the waste:
- (a) the nature of the process producing the waste;
 - (b) the composition of the waste;
 - (c) the handling requirements of the waste;
 - (d) the hazardous property associated with the waste, if applicable; and
 - (e) the waste code of the waste.
- 2.3.5 The operator shall ensure that where waste produced by the activities is sent to a landfill site, it meets the waste acceptance criteria for that landfill.

2.4 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by the Environment Agency.
- 2.4.2 Except in the case of an improvement which consists only of a submission to the Environment Agency, the operator shall notify the Environment Agency within 14 days of completion of each improvement.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1, and S3.2.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.
- 3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of pollution from emissions of substances not controlled by emission limits;
 - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.3 Odour

- 3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.
- 3.3.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to odour, submit to the Environment Agency for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;
 - (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.4 Noise and vibration

- 3.4.1 Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.
- 3.4.2 The operator shall:
- (a) if notified by the Environment Agency that the activities are giving rise to pollution outside the site due to noise and vibration, submit to the Environment Agency for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;

- (b) implement the approved noise and vibration management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

3.5 Monitoring

- 3.5.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, undertake the monitoring specified in the following tables in schedule 3 to this permit:
 - (a) point source emissions specified in tables S3.1 and S3.2.
- 3.5.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.5.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme specified in condition 3.5.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by the Environment Agency.
- 3.5.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, and S3.2 unless otherwise agreed in writing by the Environment Agency.

3.6 Pests

- 3.6.1 The activities shall not give rise to the presence of pests which are likely to cause pollution, hazard or annoyance outside the boundary of the site. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved pests management plan, have been taken to prevent or where that is not practicable, to minimise the presence of pests on the site.
- 3.6.2 The operator shall:
 - (a) if notified by the Environment Agency, submit to the Environment Agency for approval within the period specified, a pests management plan which identifies and minimises risks of pollution from pests;
 - (b) implement the pests management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.

4 Information

4.1 Records

- 4.1.1 All records required to be made by this permit shall:
 - (a) be legible;
 - (b) be made as soon as reasonably practicable;
 - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
 - (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made, or in the case of the following records until permit surrender:
 - (i) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.

4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

4.2 Reporting

4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

4.2.2 A report or reports on the performance of the activities over the previous year shall be submitted to the Environment Agency by 31 January (or other date agreed in writing by the Environment Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
- (b) the annual production /treatment data set out in schedule 4 table S4.2; and
- (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.

4.2.3 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by the Environment Agency, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
- (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.4 ; and
- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to the Environment Agency, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.3 Notifications

4.3.1 In the event:

- (a) that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

- 4.3.2 Any information provided under condition 4.3.1 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- Where the operator is a registered company:
- (a) any change in the operator's trading name, registered name or registered office address; and
 - (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.
- Where the operator is a corporate body other than a registered company:
- (a) any change in the operator's name or address; and
 - (b) any steps taken with a view to the dissolution of the operator.
- In any other case:
- (a) the death of any of the named operators (where the operator consists of more than one named individual);
 - (b) any change in the operator's name(s) or address(es); and
 - (c) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.
- 4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:
- (a) the Environment Agency shall be notified at least 14 days before making the change; and
 - (b) the notification shall contain a description of the proposed change in operation.
- 4.3.6 The Environment Agency shall be given at least 14 days notice before implementation of any part of the site closure plan.
- 4.3.7 Where the operator has entered into a climate change agreement with the Government, the Environment Agency shall be notified within one month of:
- (a) a decision by the Secretary of State not to re-certify the agreement;
 - (b) a decision by either the operator or the Secretary of State to terminate the agreement; and
 - (c) any subsequent decision by the Secretary of State to re-certify such an agreement.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately", in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 activities		
Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
S6.4 A(1)(a)	Pre-treating (by operations such as washing, bleaching or mercerization) or dyeing fibres or textiles in plant with a treatment capacity of more than 10 tonnes per day <i>(Wet processing)</i>	From receipt of raw materials to production of yarn or fabric for further processing Scouring, dyeing and rinsing in pressurised dyeing machines
S5.4 A(1)(a)(ii)	Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment	From generation of process wastewater to discharge of treated effluent to sewer at emission point S1
Directly Associated Activity		
Textile finishing processes	Includes the application of various functional finishes to the fabric; the modification of the physical characteristics of the fabric; and/or additional scouring treatments	From input of fabric / yarn to output of product and emissions to air and/or effluent drain
Boiler plant	Operation of two gas fired boilers with a total net rated thermal input of 6MW for production of steam to serve the wet processing area	From input of fuel to the generation of steam, including emissions to air of combustion gases
Chemical storage and distribution areas	Receipt and storage of raw materials	From receipt of chemical for storage in dedicated storage areas to utilisation in the production process
Waste storage and handling	Storage and handling of wastes produced on-site, including fibre, packaging materials, metal and redundant chemicals	From generation of waste to on-site recycling or off-site transfer

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	Application forms B2 and B3 and relevant supporting information	Duly Made 05/12/18
Response to request for information in email from Environment Agency dated 05/03/19	Updated installation boundary plan	12/03/19
Response to request for information in email from Environment Agency dated 26/06/19	Responses to: Q3 – BAT for selection and use of raw materials Q5 – boiler operation and monitoring Q6 – emission points to air (including updated plan) Q7 – Stenter emissions	16/07/19

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
IC1	The operator shall submit to the Environment Agency for approval a report on the assessment of the impact of emissions to air from the installation. The assessment shall be undertaken in accordance with the Environment Agency's air emissions risk assessment guidance , and shall consider the impact of emissions of oxides of nitrogen and carbon monoxide from gas fired combustion plant, with respect to emission points A1, A8 and A10.	Within 12 months of date of issue of this permit
IC2	The operator shall submit to the Environment Agency for approval a report on the assessment of the impact of noise emissions from the installation. The assessment shall be undertaken by a suitably qualified noise and acoustics professional and shall follow the procedure within British Standard BS 4142: 2014+A1:2019, <i>Methods for rating and assessing industrial and commercial sound</i> . Should the noise impact assessment indicate an adverse impact (or worse) at residential receptors, the assessment report should also contain the following information: <ul style="list-style-type: none"> a) a review / appraisal of the existing noise control measures at the installation; b) an investigation into the potential for improvements to be made to reduce noise emissions, e.g. either physical abatement, enhanced management / operational controls, or a combination of both; c) a proposed timescale for implementing any such identified improvements. 	Within 12 months of date of issue of this permit
IC3	The operator shall submit to the Environment Agency for approval a 'pesticide minimisation plan' in order to minimise as far as reasonably practicable wool raw materials containing permethrin and cypermethrin being received at the installation. The plan shall include (but not be limited to) consideration of the following: <ul style="list-style-type: none"> (a) an appraisal of the scale of residual pesticide contamination (b) identification and analysis of permethrin and cypermethrin present on incoming wool raw materials (c) supply chain checking: pre-acceptance checks and verification checks upon receipt at installation, e.g. use of test certification (d) proposals for analysis of process wastewater samples, including test methods, limits of detection, etc (e) how to demonstrate the effectiveness of the plan, including proposed length of initial implementation period. <p>The plan shall be implemented upon written approval by the Agency.</p>	Within 6 months of date of issue of this permit
IC4	The operator shall submit to the Environment Agency for approval a written report reviewing the effectiveness of their approved 'pesticide minimisation plan' during the initial implementation period.	Within 3 months of the end of initial implementation

Table S1.3 Improvement programme requirements		
Reference	Requirement	Date
	The report shall also set out any amendments to the original plan necessary to ensure permethrin and cypermethrin contamination of incoming wool raw materials is minimised.	period agreed under IC3

Schedule 2 – Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels	
Raw materials and fuel description	Specification
-	-

Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1 [Points 10 & 11 on site plan in Schedule 7]	Boiler plant (gas fired), comprising of 2 units, the Byworth and Loos boilers respectively	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	Periodic	Quarterly ¹	BS EN 14792
		Carbon monoxide	No limit set	Periodic	Quarterly ¹	BS EN 15058
A2 [Point 1 on site plan in Schedule 7]	Obem autoclave	No parameter set	No limit set	-	-	-
A3 [Point 2 on site plan in Schedule 7]	Thies yarn dryer	No parameter set	No limit set	-	-	-
A4 [Point 3 on site plan in Schedule 7]	Sperotto Rimar Decofast 1	Oil mist	No limit set	Periodic	Annually	BS EN 13284-1
A5 [Point 4 on site plan in Schedule 7]	Sperotto Rimar Decofast 2	Oil mist	No limit set	Periodic	Annually	BS EN 13284-1
A6 [Point 5 on site plan in Schedule 7]	Sperotto Rimar Decofast 3	Oil mist	No limit set	Periodic	Annually	BS EN 13284-1
A7 [Point 6 on site plan in Schedule 7]	Sperotto Rimar Decofast 4	Oil mist	No limit set	Periodic	Annually	BS EN 13284-1
A8 [Point 7 on site plan in Schedule 7]	Biancalani Airo 24 relax dryer (gas fired)	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	Periodic	Quarterly ¹	BS EN 14792
		Carbon monoxide	No limit set	Periodic	Quarterly ¹	BS EN 15058
		Oil mist	No limit set	Periodic	Annually	BS EN 13284-1
A9 [Point 8 on site plan in Schedule 7]	Unitech stenter dryer 1	Oil mist	No limit set	Periodic	Annually	BS EN 13284-1
		Total VOC (as C)	No limit set	Periodic	Annually	BS EN 12619:2013
A10 [Point 9 on site plan in Schedule 7]	Unitech stenter dryer 2 (gas fired)	Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	No limit set	Periodic	Quarterly ¹	BS EN 14792

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
		Carbon monoxide	No limit set	Periodic	Quarterly ¹	BS EN 15058
		Oil mist	No limit set	Periodic	Annually	BS EN 13284-1
		Total VOC (as C)	No limit set	Periodic	Annually	BS EN 12619:2013

Note 1: Monitoring frequency may be reduced with the written agreement of the Environment Agency following completion of IC1 in table S1.3 if emissions are shown to be insignificant

Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site– emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1 on site plan in schedule 7 emission to Yorkshire Water sewer	Process wastewater following on-site treatment	Permethrin	No limit set	Spot sample	Monthly	To be agreed with the Environment Agency
		Cypermethrin	No limit set	Spot sample	Monthly	
		Chlorfenvinphos	No limit set	Spot sample	Quarterly	
		Diazinon	No limit set	Spot sample	Quarterly	
		Propetamphos	No limit set	Spot sample	Quarterly	

Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

Table S4.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to air Parameters as required by condition 3.5.1.	A1, A4-A10	Every 12 months	1 January
Emissions to sewer Parameters as required by condition 3.5.1.	S1	Every 12 months	1 January

Table S4.2: Annual production/treatment	
Parameter	Units
Total raw material (top/yarn/fabric) processed	tonnes

Table S4.3 Performance parameters		
Parameter	Frequency of assessment	Units
Water usage	Annually	m ³
		l/kg textile produced
Energy usage	Annually	MWh

Table S4.4 Reporting forms		
Media/parameter	Reporting format	Date of form
Air	Form air 1 or other form as agreed in writing by the Environment Agency	01/09/19
Sewer	Form sewer 1 or other form as agreed in writing by the Environment Agency	01/09/19
Water usage	Form water usage 1 or other form as agreed in writing by the Environment Agency	01/09/19
Energy usage	Form energy 1 or other form as agreed in writing by the Environment Agency	01/09/19
Other performance indicators	Form performance 1 or other form as agreed in writing by the Environment Agency	01/09/19

Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution	
To be notified within 24 hours of detection	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	

(b) Notification requirements for the breach of a limit	
To be notified within 24 hours of detection unless otherwise specified below	
Measures taken, or intended to be taken, to stop the emission	

Time periods for notification following detection of a breach of a limit	
Parameter	Notification period

(c) Notification requirements for the detection of any significant adverse environmental effect	
To be notified within 24 hours of detection	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

Part B – to be submitted as soon as practicable

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by the Environment Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission limit.

“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

“Hazardous property” has the meaning in Annex III of the Waste Framework Directive.

“Hazardous waste” has the meaning given in the Hazardous Waste (England and Wales) Regulations 2005 (as amended).

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions

“MCERTS” means the Environment Agency’s Monitoring Certification Scheme.

“pesticide” means sheep ectoparasiticides

“pests” means Birds, Vermin and Insects.

Where a minimum limit is set for any emission parameter, for example pH, reference to exceeding the limit shall mean that the parameter shall not be less than that limit.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 3% dry for liquid and gaseous fuels, 6% dry for solid fuels; and/or
- in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

“year” means calendar year ending 31 December.

Schedule 7 – Site plan



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END OF PERMIT