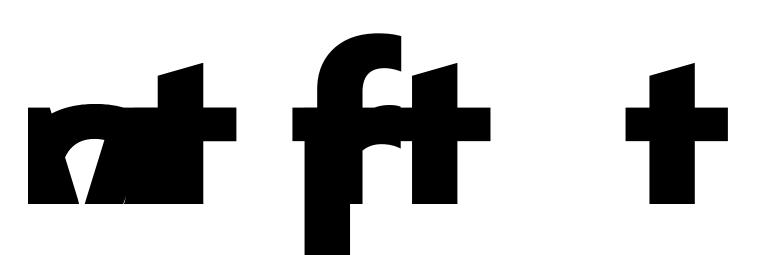
## **GROUP LEVEL INFORMATION**

# Brand Self Assessment Questionnaire for Man Made Cellulosic Fibre Producers (April 2019)

1) This questionnaire has been developed in collaboration with	n a number of brands in order to gather some basic
benchmarking data from MMCF producers. MMCF	J
a continue and grade and an arrange and a continue	
2) MMCF PRODUCERS ONLY NEED TO FILL IN ONE QUESTION	NAIDEAND THIS CAN DE SHADED WITH ALL DDANDS
THAT REQUEST IT MMCF	NAINLAIND THIS CAN DE SHANED WITH ALL DIAINDS
	al and a last a baseful and a MOS to the account and
3) This section (tab) is to be filled out on a GROUP level and or	nly needs to be filled out UNCE by the group contact.
4) Site specific questions are in separate sections (tabs) - PLEA	SE FILL OUT ONE TAB PER SITE (Note the information
is the same on each site tab) (	- (
)	
1.0 GENERAL INFORMATION	
Date questionnaire completed	1 2020
Name of MMCF Group MMCF	· ·
Group Contact - Name	
Group Contact - Email Address	
6 6 4 4 4 4 4	.21 , ,
Group Contact - Address	,
Group Information Self Assessment Questions	
completed by	
List all sites this Group has ownership of and complete a	separate "Site info" tab FOR EACH SITE
1.1 List all sites this Group has ownership of and complete a	
Site 1 - Name of Site	., .
	.21 ,
Site 1 - Address	
Site 1 - Country	,
Site 1 - GPS Co-ordinates GPS	12
List all fibres produced at this site - Viscose Staple	
Fibre (VSF) / Viscose Filament Yarn (VFY) / Modal /	
Lyocell - / /	
Lyoceii - / /	
Do you much so County dived fibre on this site?	
Do you produce Spun dyed fibre on this site?	
List production volumes (tonnes) of each fibre	
•	
produced for the reporting period	, , , 00
Date when site established	1 0
Number of lines	
Any other relevant information or comments e.g. date	
of major expansions/refits	
List all standards Committee and a summable of an I amount to	
List all sites this Group has ownership of and complete a	separate Site into tab FOR EACH SITE
City 2. Nouve of City	
Site 2 - Name of Site	
Site 2 - Address	
Site 2 - Country	
Site 2 - GPS Co-ordinates GPS	
List all fibres produced at this site - Viscose Staple	
Fibre (VSF) / Viscose Filament Yarn (VFY) / Modal /	
Lyocell - / /	

fibre on this site? Do you produ List prod olumes (tonnes) of each fibre produced reporting period Date when site established **Number of lines** Any other relevant information or comments e.g. date of major expansions/refits List all sites this Group has ownership of and complete a separate "Site info" tab FOR EACH SITE Site 3 - Name of Site Site 3 - Address Site 3 - Country Site 3 - GPS Co-ordinates GPS List all fibres produced at this site - Viscose Staple Fibre (VSF) / Viscose Filament Yarn (VFY) / Modal / Lyocell (VSF)/ / Lyocell (VFY) / Do you produce Spun dyed fibre on this site? List production volumes (tonnes) of each fibre produced for the reporting period at complet separat "S t infot tt Ft L t at sitt tht G(rot) ht ownersht Date when site established Nrimanje将を放け出所Sion mme f kny **oth**er **:eleva**nt |#**{o:###f|o**n or **co###eh**ts **e**ig. **da**te **阿州湖**dr explansions/refits List all sites this Group has ownership of and complete a separate "Site info" tab FOR EACH d t reportid p producti tvolum t (tonne t ea tfib t prodad Sp dy tb

1.



Site 5 - GPS Co-ordinates GPS
List all fibres produced at this site - Viscose Staple
Fibre (VSF) / Viscose Filament Yarn (VFY) / Modal /
Lyocell - (VSF) /
(VFY) / / Lyocell
Do you produce Spun dyed fibre on this site?

List production volumes (tonnes) of each fibre produced for the reporting period

Date when site established Number of lines Any other relevant information or comments e.g. date of major expansions/refits

List all sites this Group has ownership of and complete a separate "Site info" tab FOR EACH SITE

Site 6

1.

1.	Are you fully aware of the CanopyStyle Campaign on viscose and have you read Canopy's viscose (Hot Button) report? CANOPYSTYLE CANOPY HOT BUTTON https://hotbutton.canopyplanet.org/	
1.	Are you fully aware of the CanopyStyle Audits being performed by Nepcon (formally Rainforest Alliance) and have any audits been carried out for any of your sites?  Nepcon(  CanopyStyle  ? https://canopyplanet.org/campaigns/canopystyle/	
1.10	Has your company been awarded a green shirt in the most recent Hot Button Report? ?	
1.11	If your company has had a CanopyStyle Audit does it confirm a result of 'low risk' of sourcing from ancient & endangered forests?  CanopyStyle  " "	,
1.12	( / ) ( / ) // . / / - /	
1.1	& "  // . / -  / /201 /0 /	
1.1	Do you agree / disagree that the improvement actions in the report are realistic and achievable? /	- - - - - - - -
1.1	On a scale of 1-10, how closely do you align yourself with the report and why? (1= closely aligned / 10= not aligned) 1-10 ? ?(1= /10= )	1

Have you begun or ted an vement actions against the red discussed in the report?

Are you members of the CV Group of Chinese MMCF

1.1 Producers?

?

 $_{1.1}$  Are you a contributor of the ZDHC Group?

ZDHC ?

Is your company registered on the ZDHC Chemical

1.1 Gateway

.1

**ZDHC** 

Chemical

Gateway

#### 2.0 COMMITMENT

Please state your Group Commitment to moving towards a closed loop manufacturing systems (for the whole production site) at each of your individual sites by 2023/2025? 2023/2025

)

Has the implementation of a closed loop system been

2.2 integrated into your group policy or strategy yet?

•

#### 3.0 ACTION PLAN AND REPORTING

Do you have a detailed Group Action Plan with clear milestones and timescales indicating how and when each of the following Improvement Actions will

	How often will you publically declare	
	i) Independent Site Audit information	
.2	ii) Progress against the milestones and timescales of	
	the Action Plan	
	iii) Emissions data from all sites	
	Have the Improvement Actions been integrated into	
	your company policy or strategy yet?	
	?	
	DOCUMENT CHECK - Group Action Plan -	-
	How will you monitor these milestones and timescales?	
	Have you established an internal audit programme to	
	regularly report on progress and ensure that progress is	
	kept on track?	
	?	
	How will you report your Group Action Plan and your	
•	progress towards achieving your Action Plan?	
	DOCUMENT CHECK - Group Action Plan progress	
	report -	-
	How will you disclose your Group emissions data?	(
	?	)
4.0	SITE AUDITS	
	Have any of your sites had an independent	
<b>4.0</b> .1	T	
.1	Have any of your sites had an independent Environmental Audit? ? Have any of your sites had and independent Social and	
	Have any of your sites had an independent Environmental Audit?	,
.1	Have any of your sites had an independent Environmental Audit? ? Have any of your sites had and independent Social and	,
.1	Have any of your sites had an independent Environmental Audit? ? Have any of your sites had and independent Social and	,
.1	Have any of your sites had an independent Environmental Audit? ?  Have any of your sites had and independent Social and Labour Audit? ?	,
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.1	Have any of your sites had an independent Environmental Audit? ?  Have any of your sites had and independent Social and Labour Audit? ?	,
.2	Have any of your sites had an independent Environmental Audit? ?  Have any of your sites had and independent Social and Labour Audit? ?  ""  RAW MATERIAL SOURCE (PULP etc.)	,
.2	Have any of your sites had an independent Environmental Audit? ?  Have any of your sites had and independent Social and Labour Audit? ?  RAW MATERIAL SOURCE (PULP etc.)  Does the company have a Pulp Sourcing Policy?	,
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.1 .2 <b>5.0</b>	Have any of your sites had an independent Environmental Audit? ?  Have any of your sites had and independent Social and Labour Audit? ?  RAW MATERIAL SOURCE (PULP etc.)  Does the company have a Pulp Sourcing Policy? ?	,
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.1 .2 <b>5.0</b>	Have any of your sites had an independent Environmental Audit? ?  Have any of your sites had and independent Social and Labour Audit? ?  RAW MATERIAL SOURCE (PULP etc.)  Does the company have a Pulp Sourcing Policy? ?  DOCUMENT CHECK - Pulp Sourcing Policy -  Do your Pulp Supplier/s have a Wood Sourcing Policy/ies?	
.1 .2 <b>5.0</b>	Have any of your sites had an independent Environmental Audit? ?  Have any of your sites had and independent Social and Labour Audit? ?  RAW MATERIAL SOURCE (PULP etc.)  Does the company have a Pulp Sourcing Policy? ?  DOCUMENT CHECK - Pulp Sourcing Policy -  Do your Pulp Supplier/s have a Wood Sourcing Policy/ies?  Do your Pulp Supplier/s provide you with wood source	,
.1 .2 <b>5.0</b>	Have any of your sites had an independent Environmental Audit? ?  Have any of your sites had and independent Social and Labour Audit? ?  RAW MATERIAL SOURCE (PULP etc.)  Does the company have a Pulp Sourcing Policy? ?  DOCUMENT CHECK - Pulp Sourcing Policy -  Do your Pulp Supplier/s have a Wood Sourcing Policy/ies?	, , , , , , , , , , , , , , , , , , ,
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.1 .2 <b>5.0</b>	Have any of your sites had an independent Environmental Audit? ?  Have any of your sites had and independent Social and Labour Audit? ?  RAW MATERIAL SOURCE (PULP etc.)  Does the company have a Pulp Sourcing Policy? ?  DOCUMENT CHECK - Pulp Sourcing Policy -  Do your Pulp Supplier/s have a Wood Sourcing Policy/ies?  Do your Pulp Supplier/s provide you with wood source certifications?	/
.1 .2 <b>5.0</b>	Have any of your sites had an independent Environmental Audit? ?  Have any of your sites had and independent Social and Labour Audit? ?  """  RAW MATERIAL SOURCE (PULP etc.)  Does the company have a Pulp Sourcing Policy? ?  DOCUMENT CHECK - Pulp Sourcing Policy -  Do your Pulp Supplier/s have a Wood Sourcing Policy/ies?  Do your Pulp Supplier/s provide you with wood source certifications?  Does the Company currently map and trace its raw	/

	Does the Company carry out independent audits to ensure wood is not sourced from ancient and endangered forests?	2020	2020
	Do any of the Companies sites have Third Party forest certification such as FSC / PEFC / SFI COC?		
	FSC / PEFC / SFI COC? What % of the following certified and controlled sources do you use as a company?	( %)/	( %) / ( %) 6)
	Have you completed a Canopy Style Audit (conducted by NEPcon - formerly Rainforest Alliance) for the parent company?  CanopyStyle ( NEPcon( )?  Were any of your sites visited as part of the Canopy	( /	0)
٠	Style Audit? CanopyStyle		
.10	Does the CanopyStyle Audit confirm a result of low risk of sourcing from ancient & endangered forests at any of your sites?CanopyStyle	,	,
.11	Please provide link to the public CanopyStyle Audit Report (all reports are intended to be public) CanopyStyle ( )		
.12	Does the Company have a clear plan of action to address indicators "not met" or "in progress" as part of the audit?  """""?		
	DOCUMENT CHECK - Canopy Style Audit - CanopyStyle		- / -
6.0	MANUFACTURING PROCESS DETAILS		
	п п		
7.0	EMISSIONS DETAILS		
	п п		
Whic	h of the following emissions standards is the group meet ;	ng or working towa	rds meeting;
.1	Chinese Clean Production Standard (CPS) - Level III - 'domestic basic level' (requested by CV Group by 2020)  (CPS)" "(CV 2020 )		( )

Chinese Clean Production Standard (CPS) - Level II -

.2 'domestic advance'

(CPS)-

11.2		
	DOCUMENT CHECK - Grievance Policy -	- / - - / -

#### **12.0 CHEMICAL MANAGEMENT**

11	11		
		1	

### **SITE LEVEL INFORMATION**

### SITE 1

1.0	GENERAL INFORMATION	Write your comments here
1.1	Name of Site	η .
1.2	Address	.21 , ,
1.	Country	
1.	GPS Co-ordinates GPS	12
1.	List all fibres produced at this site - Viscose Staple Fibre (VSF) / Viscose Filament Yarn (VFY) / Modal / Lyocell - / /	
1.	Do you produce Spun dyed fibre on this site?	
1.	List production volumes (tonnes) of each fibre produced for the reporting period	, , 00
1.	Date when site established	1 0
1.	Number of lines	
1.10	Any other relevant information or comments e.g. date of major expansions/refits	
1.11	Responsible Person Name	
1.12	Responsible Person Job Title	
1.1	Responsible Person Email	
1.1	Self Assessment Questions completed by	
1.1	Has this site been visited by any Brands or Retailers?	

#### 2.0 COMMITMENT

	COMMITMENT			
	Target date for achieving "closed loop" production at			
	this site? " "?			
	Using Changing Markets Definition of "closed loop" -			
	a system that ensures emission controls and chemical			
	recovery rates in line with the EU Best Available			
	Technique (BAT) standards and aims to recycle the		- ,	
2.1	majority of chemicals used during production and	20	0 .	
	prevent the production process from negatively	2020		
	impacting on human health and the environment.			
	Changing Markets "——			
	(BAT) ,			
	,			
	"			

#### 3.0 ACTION PLAN AND REPORTING

Defou have an Action Plan FOR THIS SITE with clear newtones and timescales indicating how the Changing are at simprovement actions are going to be met?

#### Changing Markets

?

How will monitor these milestones and timescales?

?

Have you established an internal audit programme to regularly report on progress and ensure that progress is kept on track?

?

How will you disclose this sites emissions data?

?

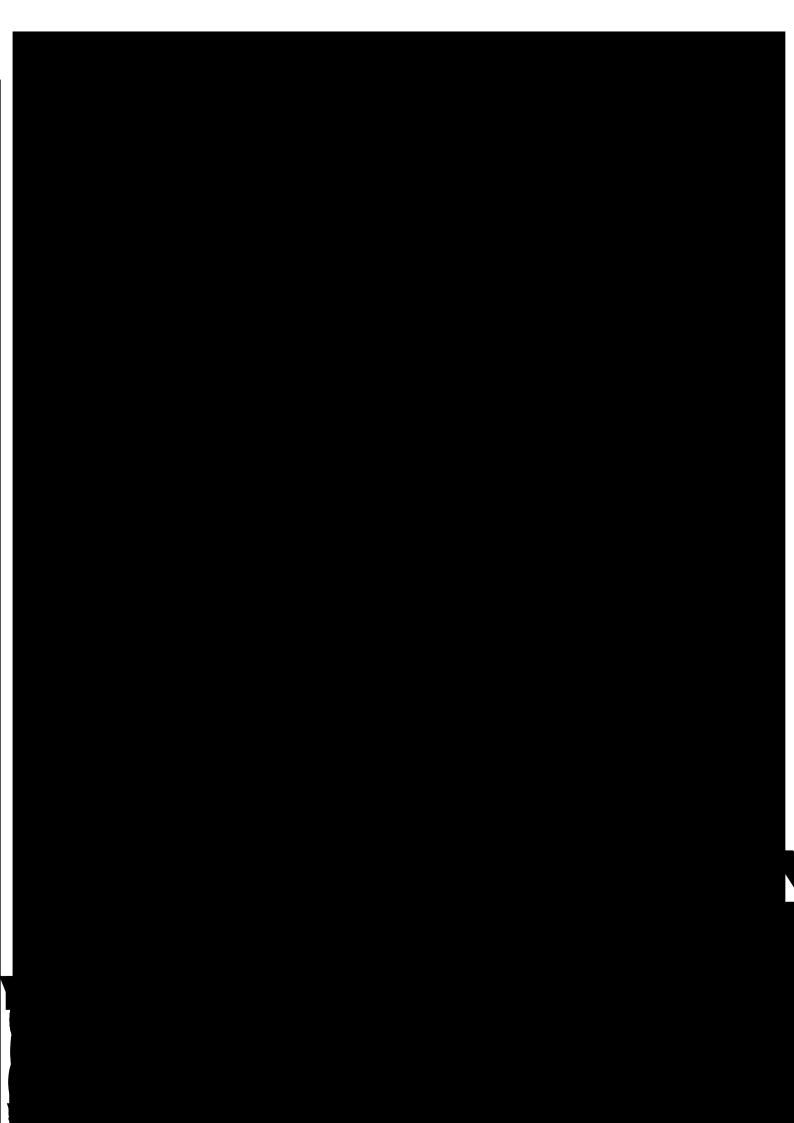
**DOCUMENT CHECK - Site Action Plan progress report** 

- / - / -

4.0

.1

Has this ate



#### 6.0 MANUFACTURING PROCESS DETAILS

.1	Do you recover your hydrogen sulphide at this site?	
.1	?	0%
	Have you set targets to increase the % of hydrogen	
.2	sulphide recovered?	
	?	0%
	Do you recover your Zinc at this site?	
•	E.g. as Zn Sulphate etc. ?"	0%
	Have you get to wate to increase the 0/ of 7ing	0%
	Have you set targets to increase the % of Zinc recovered?	0/
		%
	Do you recover Carbon Disulphide (CS2) at this site?	
	(CS2) ?	%
	Have you set targets to increase the % of CS <sub>2</sub>	
	recovered? CS2 ?	%
	How do you recover and recycle Carbon Disulphide	
	from spinning streets back into your manufacturing	
	process at this site?	
	?	
	How do you recover Carbon Disulphide from exhaust	
•	air streams at this site?	
	Do you was a your substants from your substants hathe at	
	Do you recover sulphate from your spinning baths at this site?	00/
	this site?	0%
	Have you set targets to increase the % of sulphate	
.10	recovered from your spinning baths at this site?	
	?	0/
	What is your total sulphur recovery rate at this site?	%
.11	what is your total sulphur recovery rate at this site:	0%
	Have you set targets to increase the % of sulphur	
.12	recovered at this site?	
	?	%
	What is your water consumption at this site?	1 .0 /
.1	?	2 /
		, /
.1	Have you set targets to reduce water consumption at	2 .
	this site?	·
	NAVIDA A COLUMN	201 ,
.1	What is your energy consumption per tonne of fibre at this site?	2 .
	Have you set targets to reduce the energy	
.1	consumption at this site?	000
	?	
		- / -
		·
	DOCUMENT CUEST TO A S.	- /
	DOCUMENT CHECK - Targets Set -	/ /
		/ /

#### 7.0 EMISSIONS DETAILS

Environmental Permit Documents

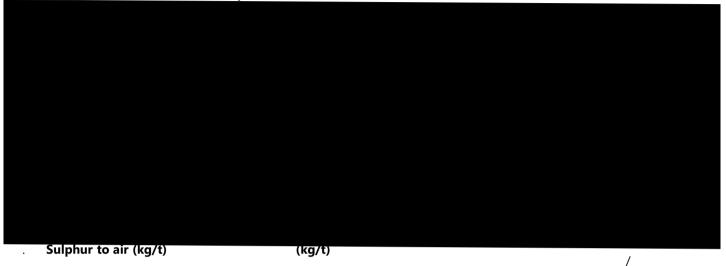
Does this site have all the requisite Environmental

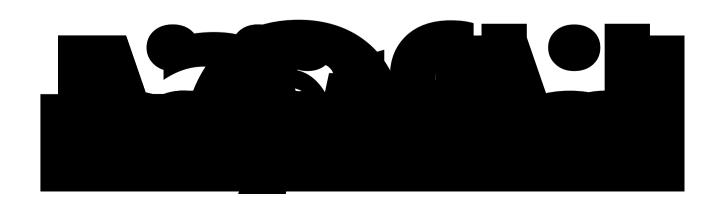
Permit Documents and Certificates needed to operate legally?

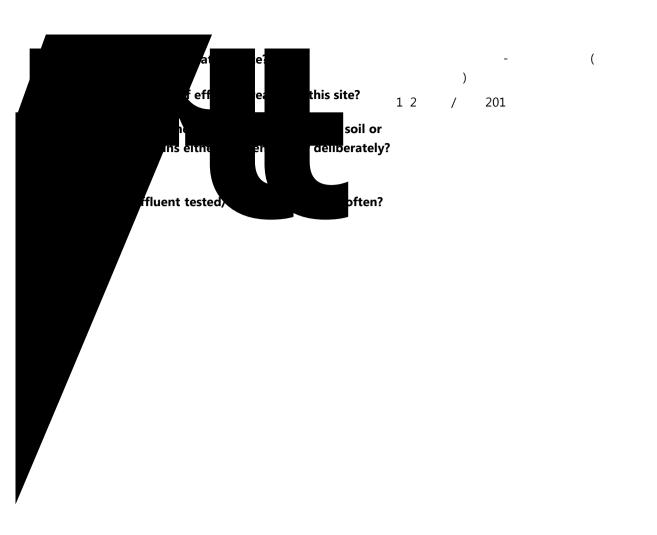
?

.1

Please list all of the documents/permits with date of







Is your sludge classe rdous v .1 Is there any unautho /solid urning of .1 waste? Are records of indep waste test .1 results retained for a 12 months? 12 re, segregated and clearly Is solid waste stored labelled areas? ?

## 9.0 THIRD PARTY VERIFICATION AND CERTIFICATIONS HELD AT THIS SITE

What Third Party Verification and Certifications are used to certify the key aspects of the following areas:

1 Forest Sustainability (e.g. FSC, PEFC)
Chemical Management (e.g. Bluesign,
Okeotex-step, ZDHC tools)
Environment (e.g. ISO14000, HIGG FEM, BEPI)
Product Safety (e.g. Okeotex-100, Ecopassport)

Ethical Compliance (e.g. SA8000, BSCI,

SEDEX, OHSAS18000)

0

-1

1 000 (

000

-100

S?

	on site:		•,	•)	
11.	Is regular safety training given to the workers?				
11.	Is the site compliant with local and national laws for	,			
11.	fire prevention?				
	Is the site compliant with local health, safety and				
11.	employment legislation?				
	?				
	Has the site been involved in any discussions or plans				
	with local communities to remediate historical				
11.	pollution and damage caused by the manufacturing				
	site?				
	?				
12.0	CHEMICAL MANAGEMENT				
	Does the site have a Chemical Management Policy				
12.1	supported by Senior Management?	,			(
	?		٠,	.)	

11.2 Is there a named person who is responsible for safety

**DOCUMENT CHECK - Chemical Management Plan** 

