Activity Assessment Tool

		Sector > Agri/Aquaculture Service Prod / Manufact																					
< aspect	issue	Activity > impact	Crop growing	Animal husbandry	Fishery	Shop / Retail / Market Stall	Restaurant / Tea Stall	Tourism	Healthcare	Leather tanning	Brick/tile manufacturing	Metalworking & Electroplating	Painting & Printing	Auto / Motor repair	Wood/metal Processing & Finishing	Charcoal Production	Garments production	Textile dying	Ceramics, Pottery, Glazing	Glass Manufacturing	Mining	Forestry	Food Processing
	Waste Production	paper/plastics general disposal				х	х		х				х										
		industry/chemical waste disposal					Α		x	х		0	ô	0	х			х			0		
		organic waste contamination	х		х	х	х		х	Х					^			х					х
	Water Pollution	unsafe / contaminated water	X		Ô	^	^		^	Ô		x	0	х	х			ô			0		x
environmental	Air Pollution	toxic materials emissions	^		-					•	х	x	0	^	ô	х		x	х	х	•		<u> </u>
nme		greenhouse gas emissions									x					â		^	x	x			
viro		dust									^		х		х				^	^	х		
e	Energy	fossil fuels usage									0		^		<u> </u>				0	0	X		X G
	Natural resources	deforestation	0								0				х	0			<u> </u>		X	X O	
		fish decline	<u> </u>		O										^						^		
i		land erosion	х	0	-						х					х					0	х	
	Health and Safety	poor sanitation / living conditions	Х	х							^					х						Â	х
		unsafe chemicals use & storage	X	^	х				0	х						^					х		
social		unsafe pesticides use & storage	ô		X				-	^											^		
SC	Working Conditions	work safety risks	0		A				х	х	х	х	0	х	х	х	х	х	х	0	0	х	х
		forced / child labor	х	х	х	х	0	0	^	^	^	^	<u> </u>	^	^	^	ô	^	^	<u> </u>	w	^	x

most relevant impactother sector related impacts

Sector Fact Sheet

FACTSHEET

Agriculture – Crop Growing

[Environment] [Health & Safety] [Labour]

1.OBSERVE	2. ANALYSE	3. EXPLAIN	4. A C T
The client is:	Whether there is a risk:	What it important:	Tell the client to:
using (a) machine(s)	[H&S] Machines look unsafe, ill maintained, have dangerous parts [H&S] No safeguards are available and/or used when necessary [E] Leakages, disposals, liquid waste or wastewater drains to stream/river/pond/soil	Well maintained machines are safe, not dangerous and cheaper in use Operating a machine with proper safeguards prevents accidents Machines can leak oil/lubricants and that will spoil drinking water	Take up maintenance routine Keep machines in good shape and clean Experience operators only Provide and use safeguards (goggles, gloves, mask) Re-use disposals Stop leakages Stop draining liquid waste
using pesticides/fertilizers	[H&S] No safeguards are used when necessary [H&S] No relevant Material Safety Data Sheets are available [H&S] Storage is unsafe, since unlocked, near sleeping/ eating	 Applying/handling toxic substances with proper safeguards prevents illness Safe storage prevents from chemical reactions, explosions, fire, leakages and intoxication 	Provide and use safeguards when working with chemicals (mask, goggles, gloves, overall) A separate storage is created, locked away from children and living/eating rooms
clearing forest for land cultivation	[E] Forest is managed unsustainable (illegal and/or without reforestation plan)	Deforestation, if not performed carefully and in a sustainable way causes land erosion and degradation, and eventually mud streams and water floods	Agree only on permitted and sustainable forms of use of pristine land

Relevant legislation and minimal requirements:

- Waste(water)disposal without permit (e.g. Prevention and Control of Pollution Act, 1974)
- Don't install diesel generator sets without approval certificate
- Have MSDS available when working with chemicals

Solutions and Tips:

- Fix leaks promptly. Dripping joints can waste over 76 liters of water a day
- Contact (alone or in collaboration with other entrepreneurs) local council and ask for improved public service (disposal facilities)

5. Evaluate

Discuss
improvements
during
repeating client
visits



Suggestion: Mark in the MIS when the risk is eliminated

FACTSHEET

[Environment] [Health & Safety] [Labour]

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The client is: Whether there is a risk:

×

... using chemicals



... using (a) machine(s)



[H&S] No safeguards are used when necessary

[H&S] workers are exposed to toxic chemicals and gases

[H&S] No relevant Material Safety Data Sheets are available

[E] Untreated, toxic water effluents (containing copper, cadmium, zinc, and lead) are not discharged [H&S] Machines look unsafe, ill maintained, have dangerous parts [H&S] No safeguards are available and/or used when necessary

3. EXPLAIN What it important:

- Acids and Dyes can harm skin and organs
- Applying/handling toxic substances with proper safeguards prevents illness
- Safe use prevents from chemical reactions, explosions, fire, leakages and intoxication
- Æ Effluents spoil and intoxicate (drinking) water
- Machines can leak oil/lubricants and that will spoil drinking water
- Well maintained machines are safe, not dangerous and cheaper in use
- Operating a machine with proper safeguards prevents accidents

Tell the client to:

4. ACT

- Provide and use safeguards when working with acids, dyes and other chemicals (mask, goggles, gloves, overall) Have MSDS available
- Take up maintenance routine
 Keep machines in good shape
 and clean
- Experience operators only
- Provide and use safeguards (goggles, gloves, mask)
- Re-use disposalsStop leakages
- Stop draining liquid waste

5. Evaluate

Discuss improvements during repeating client visits



Suggestion: Mark in the MIS when the risk is eliminated

Relevant legislation and minimal requirements:

- Waste(water)disposal without permit (e.g. Prevention and Control of Pollution Act, 1974)
- Don't install diesel generator sets without approval certificate
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Solutions and Tips:

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[Environment] [Health & Safety] [Labour]

Service - Restaurant / Tea Stall

3. EXPLAIN 4. ACT The client is: Whether there is a risk: What it important: Tell the client to: Keep the working area clean ... handing food [H&S] perishable ingredients Unclean workspace is a source for (especially meat, poultry and fish) are diseases and germs Wash hands and tools at all products not kept fresh and cool Contaminated food can cause serious times × [H&S] basic hygienic practices are not illness and can harm your business Use clean water only enforced (washing hands, clean tools, clean water) ... employing kids [L] children support in the restaurant / Underage children are not allowed to work Send their children to school tea stall while they should be in school Work must be scheduled outside school hours and pupils must have time and designated place to do homework. ... generating waste [E] Waste is left around the property or 💉 Discharging any waste (including organic Have dustbins available and waste) in rivers, streams or pools can lead in public spaces. separate waste where to contamination and diseases possible

Relevant legislation and minimal requirements:

- [India's] main child labor law is the Child Labor (Prohibition and Regulation) Act 1986. IPEC (the International Programme for the Elimination of Child labor), the worldwide child labor programme of the ILO, is also active in several parts of [India].
- Waste(water)disposal without permit (e.g. Prevention and Control of Pollution Act, 1974)

Solutions and Tips:

- Fix leaks promptly. Dripping joints can waste over 76 liters of water a day
- Contact (alone or in collaboration with other entrepreneurs) local council and ask for improved public service (disposal facilities)
- No child labor and if children do work, it should not affect their education negatively. All employees work under safe working conditions.

5. Evaluate

Discuss improvements during repeating client visits



Suggestion: Mark in the MIS when the risk is eliminated