

## Activity Assessment Tool

		Sector >		Agri/Aquaculture		Service					Prod / Manufact															
< aspect	issue	impact	Activity >																							
			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 dyeing	Ceramics, Pottery, Glazing	Glass Manufacturing	Mining	Forestry	Food Processing			
environmental	Waste Production	<i>paper/plastics general disposal</i>				x	x		x																	
		<i>industry/chemical waste disposal</i>								x	x		*	*	*	x			x			*				
		<i>organic waste contamination</i>	x		x	x	x		x	x								x								x
	Water Pollution	<i>unsafe / contaminated water</i>	x		*					*		x	*	x	x			*			*				x	
		Air Pollution	<i>toxic materials emissions</i>									x	x	*		*	x		x	x	x					
	<i>greenhouse gas emissions</i>											x				*			x	x						
	<i>dust</i>												x		x							x			x	
	Energy	<i>fossil fuels usage</i>										*							*	*	x	x	*			
	Natural resources	<i>deforestation</i>	*									*				x	*					x	*			
		<i>fish decline</i>			*																					
<i>land erosion</i>		x	*								x					x				*		x				
social	Health and Safety	<i>poor sanitation / living conditions</i>	x	x												x									x	
		<i>unsafe chemicals use &amp; storage</i>	x		x				*	x												x				
		<i>unsafe pesticides use &amp; storage</i>	*		x																					
	Working Conditions	<i>work safety risks</i>	*						x	x	x	x	*	x	x	x	x	x	x	*	*	x	x		x	x
		<i>forced / child labor</i>	x	x	x	x	*	*									*									x

\* most relevant impact

x other sector related impacts

## Appendix 3

### Sector Fact Sheet

# FACTSHEET

[ Environment ] [ Health & Safety ] [ Labour ]

Agriculture – Crop Growing A1

1. OBSERVE	2. ANALYSE	3. EXPLAIN	4. ACT
<b>The client is:</b>	<b>Whether there is a risk:</b>	<b>What it important:</b>	<b>Tell the client to:</b>
... using (a) machine(s)	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> [H&amp;S] Machines look unsafe, ill maintained, have dangerous parts</li> <li><input checked="" type="checkbox"/> [H&amp;S] No safeguards are available and/or used when necessary</li> <li><input checked="" type="checkbox"/> [E] Leakages, disposals, liquid waste or wastewater drains to stream/river/pond/soil</li> </ul>	<ul style="list-style-type: none"> <li>✎ Well maintained machines are safe, not dangerous and cheaper in use</li> <li>✎ Operating a machine with proper safeguards prevents accidents</li> <li>✎ Machines can leak oil/lubricants and that will spoil drinking water</li> </ul>	<ul style="list-style-type: none"> <li>① Take up maintenance routine</li> <li>① Keep machines in good shape and clean</li> <li>① Experience operators only</li> <li>① Provide and use safeguards (goggles, gloves, mask)</li> <li>① Re-use disposals</li> <li>① Stop leakages</li> <li>① Stop draining liquid waste</li> </ul>
... using pesticides/fertilizers	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> [H&amp;S] No safeguards are used when necessary</li> <li><input checked="" type="checkbox"/> [H&amp;S] No relevant Material Safety Data Sheets are available</li> <li><input checked="" type="checkbox"/> [H&amp;S] Storage is unsafe, since unlocked, near sleeping/ eating</li> </ul>	<ul style="list-style-type: none"> <li>✎ Applying/handling toxic substances with proper safeguards prevents illness</li> <li>✎ Safe storage prevents from chemical reactions, explosions, fire, leakages and intoxication</li> </ul>	<ul style="list-style-type: none"> <li>① Provide and use safeguards when working with chemicals (mask, goggles, gloves, overall)</li> <li>① A separate storage is created, locked away from children and living/eating rooms</li> </ul>
... clearing forest for land cultivation	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> [E] Forest is managed unsustainable (illegal and/or without reforestation plan)</li> </ul>	<ul style="list-style-type: none"> <li>✎ Deforestation, if not performed carefully and in a sustainable way causes land erosion and degradation, and eventually mud streams and water floods</li> </ul>	<ul style="list-style-type: none"> <li>① Agree only on permitted and sustainable forms of use of pristine land</li> </ul>

## 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
- 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)

# FACTSHEET

[ Environment ] [ Health & Safety ] [ Labour ]

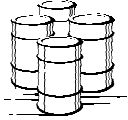
P1

Production & Manufacturing – Leather Tanning

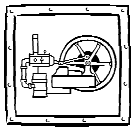


The client is:

... using chemicals



... using (a) machine(s)



Whether there is a risk:

- ☒ [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

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
- ✎ 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:

- ① Provide and use safeguards when working with acids, dyes and other chemicals (mask, goggles, gloves, overall)
- ① Have MSDS available
- ① Take up maintenance routine
- ① Keep machines in good shape and clean
- ① Experience operators only
- ① Provide and use safeguards (goggles, gloves, mask)
- ① Re-use disposals
- ① Stop leakages
- ① Stop draining liquid waste

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**Relevant legislation and minimal requirements:**

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**Solutions and Tips:**

- Fix leaks promptly. Dripping joints can waste over 76 liters of water a day
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S2

Service – Restaurant / Tea Stall

