

Application Form

Classification of Biodegradable Plastic Bags

Section 1 General Information

Details of Company/Consigner

Name:
Address:
Email: Contact Numbers:

Details of the Manufacturer

Name:
Address:
Email: Contact Numbers:

Details of the laboratory where tests were conducted

Name:
Address:
Email: Contact Numbers:

Section 2 Tick the relevant box

	YES	NO	Page No
Are the bags Oxo-biodegradable or not	<input type="checkbox"/>	<input type="checkbox"/>	
Are the tests done by third party lab approved by the government	<input type="checkbox"/>	<input type="checkbox"/>	
Is the manufacturer a government acceptable Company	<input type="checkbox"/>	<input type="checkbox"/>	
Are these laboratory test results available?			
Determination of biodegradability of material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Determination of degradation time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Conditions at which biodegradability occurs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
By-products of biodegradation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Heavy metal content	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Weight of biodegradable bags before and after degradation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Percentage of non-biodegradable contents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
If to be used for food packaging, demonstrating it's safe for packed food.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Abiotic degradation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Total biodegradation amount	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

Section 3 Specify degradation time & amount

Degradation amount:

Section 4 Specify service life and storage life

Storage life:

Section 5 What are the conditions for biodegradation?

Section 6 What are the by-products of biodegradation of the plastic bag?

Section 7 Specify weight of the bag before and after degradation

Weight after degradation:

Section 8 Specify biodegradation amount & percentage of non-biodegradable contents

Percentage of non-biodegradable contents:

Section 9 If any of the following heavy metals are released during degradation specify the amounts

	YES	NO	mg/kg of dry substance			
Zinc (Zn)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Chromium (Cr)	<input type="checkbox"/>	<input type="checkbox"/>
Copper (Cu)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Molybdenum (Mo)	<input type="checkbox"/>	<input type="checkbox"/>
Nikel (Ni)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Selenium (Se)	<input type="checkbox"/>	<input type="checkbox"/>
Cadmium (Cd)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Arsenic (As)	<input type="checkbox"/>	<input type="checkbox"/>
Lead (Pb)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Fluoride (F)	<input type="checkbox"/>	<input type="checkbox"/>
Mercury (Hg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>			

Name:

Designation:.....

Date: Signature:

Company Seal:



Fax: [+960] 333 5953

٥٥٤
مجله علمی پژوهشی فصلنامه مطالعات فلسفی، تاریخی و اجتماعی

Website: www.epa.gov.mv

[illegible]

٥٠٤

Checklist 2

Results of the following are required (Please check if results are available)

Office Use

Received by:

Signature:

Date:



Fax: [+960] 333 5953

٥٥٤
مجله

Website: www.epa.gov.mv

[illegible]