

## RFA Form A

Request for Approval for Changes/Amendments to the licensed process / activities.

## Summary Guidance:

- i) **Only those requests for approval that are required by either Condition 1.2 or 1.4 of your IPPC / Waste Licence should be included in this form.**
- ii) **Where additional information is being included with regard to new emission points and/or new substances being emitted from the facility, the information should be submitted on the RFA Form A Attachment.**
- iii) Section 1 is a summary of the information that you should provide in more detail in the relevant parts of Sections 2 & 3.
- iv) In the case where the OEE consider that the proposed changes / amendments cannot be accommodated under the conditions of the existing IPPC/Waste licence, the information will be forwarded to the Office of Licensing and Guidance.

## Summary of proposed changes/amendment:

- i) Provide below a brief summary of the proposed changes / amendment indicating the urgency of the request.

Licensee Name: Arran Chemical Company

Reg No: PO110-03

New process (SPIR4X) notification for a research &amp; development work and scale up.

Priority for licensee? Urgent  High  Routine 

Reason for Priority if Urgent or High

## SECTION 1 – Summary Details

IPPC / Waste Licence Number	PO110-03
Licensee Name	Arran Chemical Company
Licensee Address	Monksland Industrial Estate, Athlone, Co Roscommon
Date of Approval Request	18 April 2023

Reason for request	Tick as appropriate <small>Note 1</small>
A. New or altered abatement, treatment or recovery	
B. New Processes	√
C. New Fuels, Raw Materials, Intermediates, Products, Wastes	√
D. Change in Site Management, Infrastructure (includes emission points) and Control	

**Note 1 – The corresponding part(s) of Section 2 should be completed for each box ticked above**

Will any Condition and/or Emission limit value in the existing licence be breached?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, give details:
Predicted Impact on Environment	No Change <input checked="" type="checkbox"/> Minor Impact <input type="checkbox"/> Breach of EQS <input type="checkbox"/> Significant Impact <input type="checkbox"/>
Were details of the proposed new/increased emissions included as part of the initial IPPC/Waste Licence Application?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Do you consider the proposed amendment / change to be provided for under the conditions of your current licence?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
If Yes, where in the licence is the proposed change provided for?	Condition 1.4
Is the proposed amendment / change a listed activity in the first schedule to the Environmental Protection Agency Acts, 1992 to 2011 / third or fourth schedule of the Waste Management Acts 1996?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

If Yes, is the activity provided for in the existing IPPC/Waste Licence?

Yes

## SECTION 2

### Potential Impact of Proposed Change / Amendment

#### Change type

- |  |  |   |  |
|--|--|---|--|
| <ul style="list-style-type: none"> <li>- New emission point <input type="checkbox"/></li> <li>- Increased emissions to air <input type="checkbox"/></li> <li>- Increased emissions to water/sewer <input type="checkbox"/></li> <li>- New substance being emitted <input type="checkbox"/></li> <li>- New abatement equipment <input type="checkbox"/></li> <li>- New waste outlet / waste carrier <input type="checkbox"/></li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/></li> <li><input type="checkbox"/></li> <li><input type="checkbox"/></li> <li><input type="checkbox"/></li> <li><input type="checkbox"/></li> <li><input type="checkbox"/></li> </ul> | <ul style="list-style-type: none"> <li>- New infrastructure * Note 1 <input type="checkbox"/></li> <li>- New/ waste stream <input type="checkbox"/></li> <li>- New production process <input checked="" type="checkbox"/></li> <li>- New fuel type <input type="checkbox"/></li> <li>- New raw materials <input checked="" type="checkbox"/></li> <li>- Other <input type="checkbox"/></li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/></li> <li><input type="checkbox"/></li> <li><input checked="" type="checkbox"/></li> <li><input type="checkbox"/></li> <li><input checked="" type="checkbox"/></li> <li><input type="checkbox"/></li> </ul> |
|--|--|---|--|

If "other" please provide brief details:

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**Note 1: New infrastructure refers to infrastructure that may have an impact on IPPC licence compliance and/or environmental risk at the facility. New infrastructure at Waste Licensed facilities should be agreed as a Specified Engineering Works as per Waste Licence requirements**

In the case of a new process, a process overview diagram of the new/alterd process should be attached including details of the main input and emissions from the process.

Process overview diagram included?  
Yes  No

Will the new or altered activity result in a change in the Nature and Quantity of Emissions from the facility ("emissions" includes solid & liquid waste streams)?

Increase	Decrease	No Change
		√

**In the case where an increase in emissions is expected you should complete Section 3 below.**

### 3. Nature and Quantity of Emissions including Proposed Waste Outlets and Carriers.

Emission

Air  Water  Sewer  Waste

If Air, Water or Sewer provide details in Section E.1,

if Waste provide details in Section E.2

Where additional information is being submitted please use the format provided in Attachments 1-4

#### Section 3.1 - Air, Water or Sewer

Emission(s)

New  Increase  Decrease

Emission Point(s) where relevant

New  Existing

Emission Point Ref. as per existing Licence

Provide name(s) of new/changed substance(s) to be emitted

Substance(s) being altered

Currently Limited in Licence? Yes  No

ELV in current licence

Substance

Value

Units

In the case where the proposed discharge is to sewer, has a letter of consent/approval been

Letter of approval/consent received? Y  N

Name of Sanitary Authority? \_\_\_\_\_

received from the relevant Sanitary Authority	Copy of Letter of Approval/consent attached? Y <input type="checkbox"/> N <input type="checkbox"/>
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**Current Situation**

Substance (e.g. ammonia, TOC, suspended solids, etc)	Receptor (air, water, etc)	Current Licensed Emission Limits	
		Conc.	Mass Emission (conc x vol)
Method of quantification of emission:	Measured <input type="checkbox"/>	Estimated <input type="checkbox"/>	Calculated <input type="checkbox"/>
Details of quantification of emission(s)			
Further details attached	Y <input type="checkbox"/> N <input type="checkbox"/> N/A <input type="checkbox"/>		

**Proposed situation**

Substance (e.g. ammonia, TOC, suspended solids, etc)	Receptor (air, water, etc)	Proposed Emission Values	
		Conc.	Mass Emission (conc x vol)
Method of quantification of emission:	Measured <input type="checkbox"/>	Estimated <input type="checkbox"/>	Calculated <input type="checkbox"/>
Details of quantification of emission(s) (e.g. in-house trial, supplier data, library data, etc).			

Further details attached

Y  N  N/a

**Section 3.2 – Waste**

Change to Waste Streams

New   
 Increased   
 Decrease   
 Reclassification

Waste type

Non-Hazardous  Hazardous

EWC Code (6 Digit Code):

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Current

Proposed

Waste Quantities (kg/week)

In the case of a new waste stream what provisions have been made for the handling of the waste on-site prior to disposal/recovery?

Is it proposed to send a new waste stream to an on-site WTTP?

Yes  No

If Yes, provide details regarding changed emissions in Section 3.1

If Yes to the above please provide the following information:

- i) For activated sludge WWTP, submit the results of respirometry testing, where available (using relevant sludge sample)
- ii) For a non-activated sludge WWTP, submit the results of an assessment of the capacity of the existing WWTP to adequately treat the waste stream where available

**RFA Form B should be used to seek the agreement/approval of any new waste outlets and / or waste carriers for waste being removed from an IPPC / Waste Licensed Facility**

I certify that the information given in this application is truthful, accurate and complete.

**Signed:** Cyril Furey

**Date:** 18 April 2023

**Print signature name:** Cyril Furey

**Position in organisation:** ENVIRONMENTAL MANAGER

Please note that in the case where the Office of Environmental Enforcement consider that proposed changes/amendment cannot be accommodated under the conditions of the existing licence, the information contained in this submission may be forwarded to the Office of Licensing and Guidance for their information.