

# How to complete the light emitting diode (LED) lamp registration form

#### **FOR**

- 'SINGLE' MODEL
- 'FAMILY' MODELS STANDARD FAMILY OF MODELS



#### We're here to help

- ► This presentation aims to help applicants complete the form
- ► For technical LED lamp support visit
  - ► Industry information | Energy Rating
  - ► Light emitting diode (LED) lamps | Energy Rating
- ► If you need more, you can <u>Contact Us</u>

DISCLAIMER: The information in this document is provided as guidance only. This document has been developed to help suppliers better understand their responsibilities under the legislative framework in Australia. This document should be read in conjunction with the Greenhouse and Energy Minimum Standards Act 2012 and the supporting Regulations and Instruments. Changes to legislation may affect the information in this document. Ultimately, persons are responsible for determining their obligations under the law, and for applying the law to their single circumstances. This document does not constitute legal advice and is not a substitute for independent professional advice.



#### **Prepare**

- Review the <u>Greenhouse and Energy Minimum</u> <u>Standards (LED Lamps) Determination 2025</u> (determination)
- Identify models that will be registered as a
  - 'Single'
  - Standard 'Family' of models. Sort your models into families. See Collating your catalogue of light emitting diode (LED) lamp models into families using 8 basic steps for more information
- Test in line with the determination
- ► If required, seek legal advice

#### **IMPORTANT!**

One or more test reports must be submitted with your application.

The lamp must be tested in line with the determination.

You must have a test report for each LED lamp model you register, even if you are not required to provide them at time of registration.

Reports must be made available at the GEMS Regulator request.



#### Registering - what you need to know

- Regulated products must be registered before they can be offered for sale or supply in Australia from 3 March 2026
- Use the LED Lamp Registration Form (form)
- Pay a registration fee of:
  - ▶ \$440 to apply for a 'Single' or 'Family' of models registration application
  - ▶ \$210 to add more models to an approved application.

#### Registration period

- Product registrations last for five years.
- Product models must be registered again before the current registration expires to ensure you can continue to sell or supply them in Australia.

#### Exemptions

- The GEMS Regulator can exempt product model(s) from all or parts of the determination.
- If you apply and successfully receive an exemption you must still register the product model(s) that are exempt.

#### Fees

- Must be paid to register or vary a registration in Australia.
- Cover the costs of registration assessment and compliance monitoring.



#### Steps to prepare and register



Step 1

Check whether the product has already been registered



Step 2

Test the product



Step 3

Apply for registration of the model



Step 4

Receive confirmation



#### **Application type**

- Standard 'Family' of models registration application
  - Products with "like" technical characteristics up to 100 models
  - You can vary the application later to add models up to a 100 model cap
  - You can have more than one family if you have more than 100 models

- Test reports!
  - You must include a test report for the least efficient model.
    - ▶ If a Blue Light Hazard test is required, a test report must be provided for the model with the highest correlated colour temperature (CCT), either for the maximum luminance or for a blue light hazard test.
    - ▶ If a UV Hazard test is required, a test report for the model with the highest UV radiation output must be provided.
  - You may choose to, but do not need to, provide a test report for every other model in the family application.
    - ▶ If you choose not to provide a test report for every model with your application, you must have it ready if requested by the GEMS Regulator.
- 'Single' model registration application
  - Must attach a test report



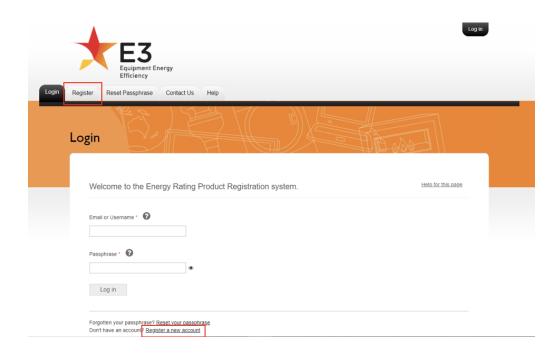
#### **Need support**

- ► Energy Rating Product Registration system:
  - Register a new user account
  - Access the <u>Help</u> section
- ► Visit <u>Federal Register of Legislation</u> for the GEMS legislation (Act, regulations and determinations)
- Visit Home | Energy Rating

Before You Get Started	
Doloro Tod Dol Clarica	
Registering a product with the Regulator	Glossary of terms
Account Registration and Access	Account Management
Register a new user account	Manage email
Log in and log out of your account	View or update personal details
Unlock your account	Change Passphrase via Account Management
Security Requirements for the Registration System	Manage email notifications
Reactivate your account	Manage My Applicants
Applicant Management	Submitting an Application for Registration
Create an Applicant	Filling in Your application
Join an Applicant	Registration type
Agents registering on behalf of an Applicant	Regulatory Authority
Setting Up Your Applicant for Product Applications (for first time users only)	Applicant and Contacts
Change to another applicant	Models and Manufacturer
Using the Dashboard	Labs and Test Reports
Manage Your Applicant's Contacts	Exemption
Manage Your Applicant's Brands	Label screen
Manage Your Applicant's Test Labs	Public website
Manage Your Applicant's Manufacturers	Declaration and Notes
Manage Your Applicant's Authorised Representatives	<u>Payment</u>
Accept an invitation	Summary and Submit Registration
Manage Your Applicant's Authorising Officers	Bulk application for registration
Request a Change to Applicant Details	Recalling or Withdrawing an Application
Example Letter of Authorisation	What happens after you've submitted an application?
Application/Registration Management	Troubleshooting
Edit an application	Errors warnings and messages
View and Edit Notes and Change History	Rules for registering new products
Renew an existing registration	Uploading files
Request a variation to a registration: change request	Reset your passphrase
Request a variation to a registration; add a model to a family of models	Frequently Asked Questions - Security Requirements
Searching for applications or registrations	<del></del>
Update product details on the Public Registration Database	
Actions in an application or registration	
The Public Registration Database	Contact
The Public Registration Database	Contact the regulator



#### **Create your account**



- ► If you don't already have an account, you need to create an account Register a New Account E3 Equipment Energy Efficiency Registration Site
  - ► Fill in your details
  - ▶ Receive an email and follow the instructions
  - ► Activate your user account
  - ► You're set, log into the system.



## How to complete the form and handy tips





## Tips and common errors as you progress you application

- ▶ ©Tips
  - An asterisk, \*, indicates a mandatory field
    - ► Pay attention, mandatory fields are not identified in the 'Data import' file
  - Green ticks on the left-hand navigation means you have completed that section
  - You receive 2 confirmation emails
    - 'Data import' has been successful, assuming you applied for a family of models and used this option to enter data
    - Your application has been submitted
  - If you see a green icon with an exclamation mark on the left-hand navigation there is an important message that you need to read

Efficacy

Saving is your new best friend using this form

#### **▶** ⊗Common errors

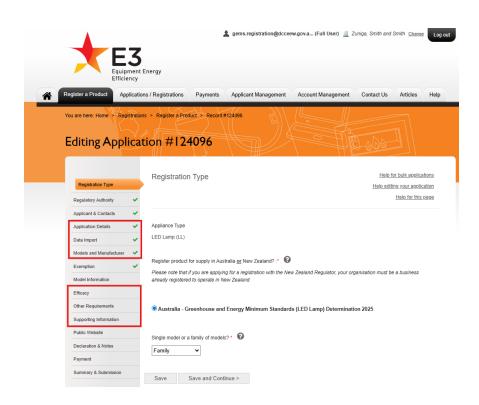
► If you see an orange icon with an exclamation mark on the left-hand navigation, you have an error on that page

Model Information

- For a standard 'Family' of models, it can be easy to select the wrong upload file. While you can rectify this issue, it will take more time to complete your application. Naming the file clearly will help when you look for it to upload.
- Remember to click 'save' or 'save and continue' throughout the form. Moving away from the section you are on without clicking one of these means you'll lose what you've entered on that page.



#### A valid application means ...



- ► Entering the correct information for mandatory and non mandatory fields
- ▶ Uploading the correct fields for 'Data import' (aka bulk uploads)
- Attaching the correct supporting documents



#### **Accessing applications**

#### Saved and not submitted

Use the Dashboard to amend your application by clicking:

- 'Applications / Registrations' OR
- 'Manage my existing and draft applications'

Click 'view' to open the application. Use the 'Actions' right hand box menu to:

- Edit, submit, or discard the application
- Export it to PDF
- Update the contact details

#### **Submitted**

Use the menu below 'Record #000000' to navigate your application

Use the 'Actions' right hand box menu to:

- withdraw your application
- create a copy of the application to help you apply for similar products
- export it to PDF
- update the contact details
- recall the registration

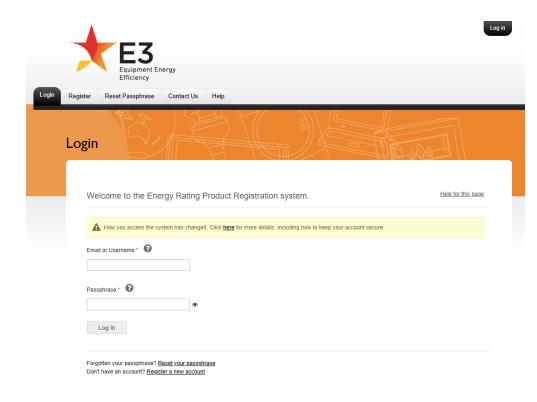
#### **Approved**

Now you can view or download information related to the application. Once you select your application record:

- Use the 'Actions' right hand box menu to do everything you could when the application was submitted and 'Go to pending renewal #000000' when you need to apply for another registration period
- Use the 'Administrative Details' section to: view registration and expiry details, and download the 'Approval Certificate'
- Use the 'Payment' section to download payment receipt



#### Log into your account

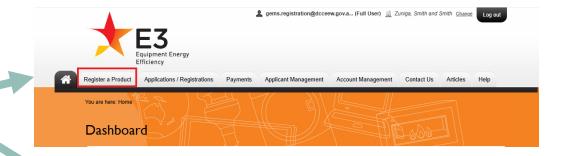


- ► If you have an existing account, go to Login -E3 - Equipment Energy Efficiency -Registration Site and log in.
- ► If you don't have an existing account, refer to the earlier slide which provides information about how to set up an account.



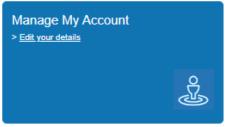
#### Register a Product Start a new application

- Start a new application by clicking either:
  - ► 'Register a Product' heading in the top menu
  - 'Create a new product registration application'.



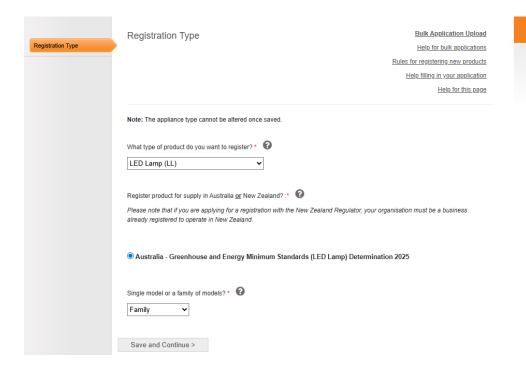








#### **Registration Type**



- Select 'LED Lamp (LL)'
  - ► The form will automatically select Australia Greenhouse and Energy Minimum Standards (LED Lamp) Determination 2025
- Choose the type of application you want to make.
  - ► Apply for a 'Single' model
  - ► Apply for a standard 'Family' of models, up to 100 models with the same characteristics

Your application starts now! Your responses matter!

Additional questions may or may not display, based on your response to previous questions. Your responses could indicate that the LED lamp is not in scope of the determination.



#### **Regulatory Authority**

- At this point, the left-hand navigation menu appears. Use it to complete the form, add more information, return to uncomplete or error pages etc
- You now have a 'Application #000000' identifier
  - ▶ Note the identifier for your own records
  - Read and acknowledge the terms and conditions to continue

#### Editing Application #124069

Registration created

To register with this regulatory authority you must agree to the following terms and conditions:

this application for registration. However, where an Authorised Representative is authorised to undertake the registration process they should be aware that it is an offence to knowingly provide false or misleading information as part of this process. If you are registering a product on behalf of a legal entity or individual, you need to ensure that you have uploaded a letter in the required format that is signed and dated by the Authorised Officer. Authorised Officers need to nominate the Authorised Representative/s and advise the Department or their representative of any changes. Warning - Test Reports Please note that we recommend that you do a specific check test for the product you are registering. If you choose to rely on a test report conducted by another party, for multiple products, and one product registered against that test report fails a check-test then the Administrator will deem ALL products registered against that test report to have failed. Providing a specific test for the product you are registering will avoid the risk of the product failing as a result of another product failing a check test.

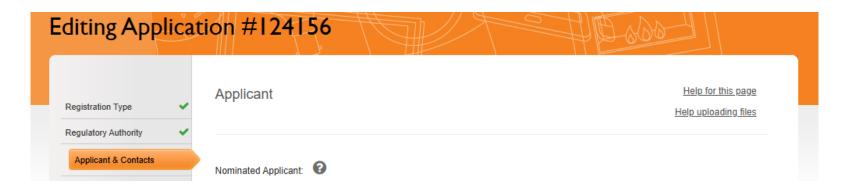
✓ I acknowledge the above terms and conditions:

Save

Save and Continue >



#### **Applicant and Contacts**



Using prepopulated information within the account add contact details for the application



### Application Details Reduce time and errors in this section

- Understand your products and how they relate to the determination. Are they in scope?
- ► Understand how to collate your catalogue of LED lamp models into families using 8 basic steps
  - Cap type (single or double)
  - ▶ Voltage (mains voltage (MLL) or non-mains voltage (NMLL))
  - Direction (directional or non-directional)
  - ▶ Dimmability (dimmable or non-dimmable)
  - Filaments (with filaments or without filaments)
  - Arr L<sub>70</sub>B<sub>50</sub> lifetime (3 bands), colour rendering index (CRI) (3 bands), and reference control settings (if applicable)



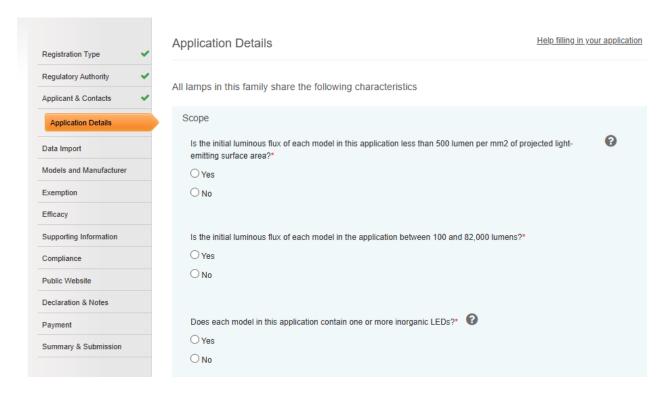
## Application Details cont. Form details

- This section confirms that models are in scope and, if applying for a family of models that they share the same characteristics in this section
- ► There are three data topics in this section:
  - ► 'Scope'
  - 'Model characteristics', transform your catalogue of light emitting diode (LED) lamp models into families using 8 basic filters
  - Family characteristics'

You must nominate how you will provide chromaticity coordinates here!

Your options are x,y OR u', v' format.

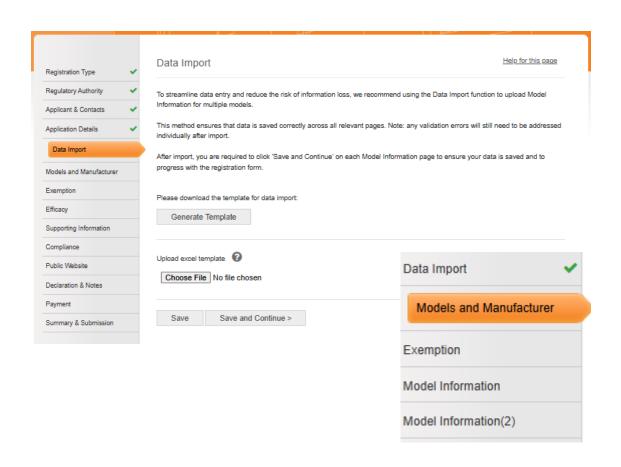
If you choose u', v' format the system automatically converts it to x,y in another section of the form



The information you provide here generates the 'Data import' file for bulk uploads



#### Data Import, commonly referred to as bulk uploads



- ► The bulk upload function makes it easier for you to register models
- You can use the bulk upload process for a 'Single' model or a standard 'Family' of models application
- ➤ Select 'Generate Template' to receive a tailored excel workbook file that you populate and upload into the registration system
  - ► The data is used to prefill the 'Model and Manufacturer' section, and creates one or more 'Model information' section(s) depending on the number of models in the file under the 'Exemption' section



## Data Import cont. Expectations and work arounds

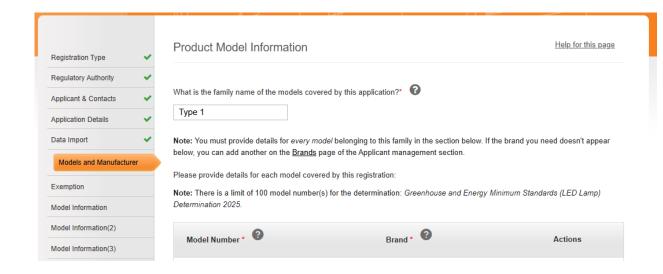
- ▶ ⊕Expectations
  - ▶ Uploads take seconds or up to 5 minutes
  - You will receive an email once the upload has been completed
  - You can wait and come back later or continue the form

- ➤ ⊗Work arounds
  - ▶ Did you upload the incorrect file?
    - ➤ You can fix it by clicking 'generate template' again. Copy and paste your correct data into the newly downloaded file and upload again.
    - ► This will replace the data uploaded for the 'Model and Manufacturer' section in the first place, including the 'Model information' sections, as applicable.



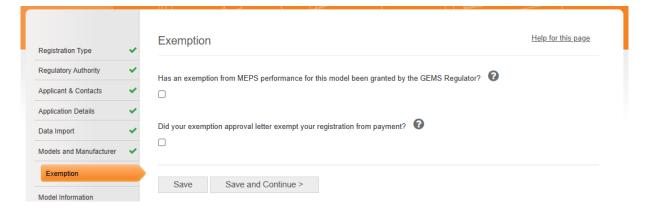
#### **Models and Manufacturer**

- ► There are three data topics in this section:
  - 'Product Model Information' summarises your 'Data import' and allows you to remove or add models as needed
  - 'Manufacturing Information' confirming where and when for all models
  - 'Sale Information' confirming where and when for all models





#### **Exemption**

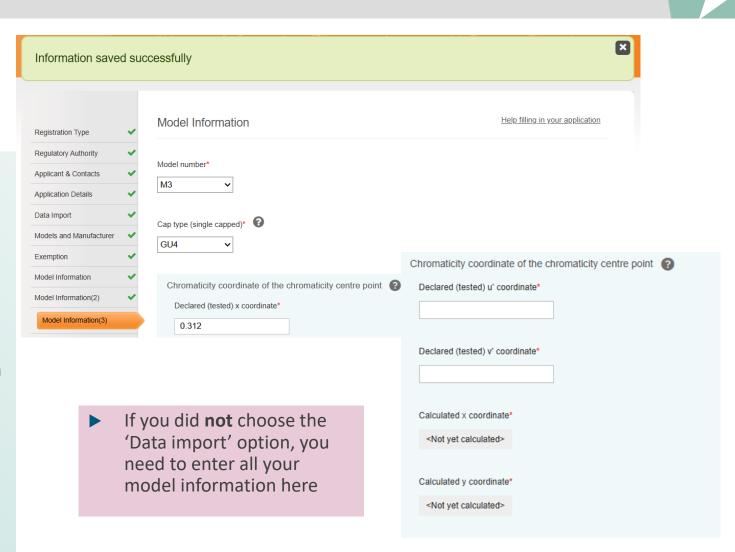


- Most applicants will save and continue for this section
- If you have an exemption, you will be asked to supply more information here
- You can apply for exemption under the legislation
  - Note that exemptions are a separate process and should be applied for before submitting your application. Ensure you allow sufficient time for your exemption request to be considered.
  - ► For information Apply for an exemption | Energy Rating and Application for exemption from requirements of a GEMS determination | Energy Rating



#### Model Information 1 to 100, as applicable

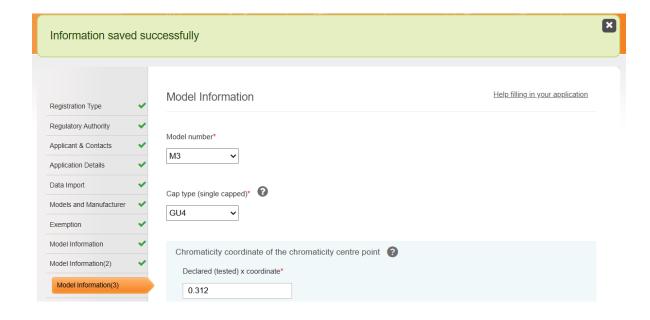
- If you **chose** the 'Data import' option, you still need to confirm your model information here
  - It's important to check the data once uploaded to ensure you haven't made any mistakes.
- There are at least 9 topics for each model, all of which require you to confirm model information
  - Chromaticity coordinate, Declared (tested) information, Testing information, Impact on Human Health, Labelling Requirements – Package, Rated correlated colour temperature, Rated beam angle, Rated colour rendering index (CRI), and Labelling Requirements – Lamp
- If you enter u', v' coordinates, the form will automatically calculate corresponding x,y coordinates here





#### **Efficacy**

- ► This section is all about efficacy, so you need to provide what, where, when and who information
  - Confirm information for the lowest efficacy model. The system will automatically identify it for you, but you need to confirm
  - Upload the applicable test report
- In this section, the system calculates the minimum required luminous efficacy for the model and compares it with the luminous efficacy of your model
  - ► In short, it determines if the model meets MEPS
  - If the model does not meet MEPS, you will not be able to submit your registration application.



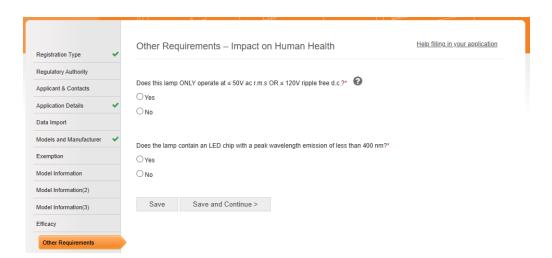




## Other Requirements Only appears for non-mains voltage LED lamps

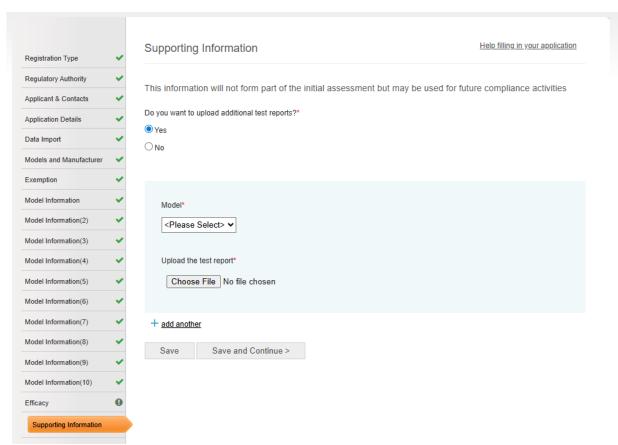
This section only displays when applying for non-mains voltage LED lamps (NMLL)

- This section is all about impacts on human health
- Depending on your responses you must provide information about Blue Light Hazard and or UV Hazard
- You must attach one or more test reports for this section
  - ▶ If a Blue Light Hazard test is required, submit a test report for the model with the highest correlated colour temperature (CCT), either for the maximum luminance or for a blue light hazard test
  - ► If a UV Hazard test is required, submit a test report for the model with the highest UV radiation output





#### **Supporting Information**



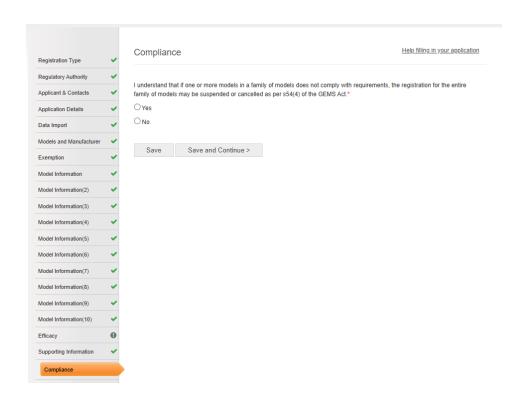
- If this is a 'Single' model application, you have already provided the relevant test report, and you can click 'Save and Continue'
- ▶ If this is a standard 'Family' of models application, you may choose to, but do not need to, provide additional test reports for the other models in the family application
  - Note: If you choose not to; you must still provide a test report for each model if requested by the GEMS Regulator



## Compliance Complying with your obligations

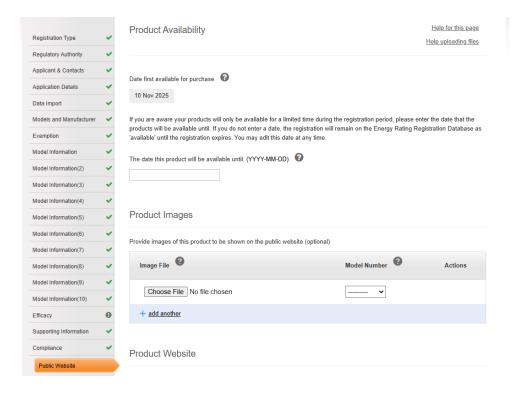
#### IMPORTANT!

- ▶ If any one model in the standard 'Family' of models is found non-compliant after the registration is approved, whether through check testing, market surveillance, or any other compliance activity, the entire standard "Family" of models may be suspended or cancelled.
- Understand your compliance obligations, and be aware GEMS Inspectors will check packaging and lamp information





#### **Public Website**

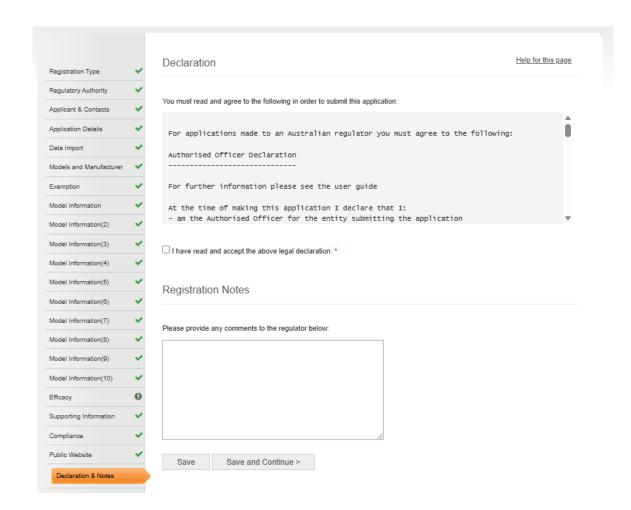


- Some information automatically populates based on your upload file; some information you will need to manually enter
- ► There are 4 topics in this section:
  - Product availability'. If the product is going to be available for 5 years or longer, leave blank. If the product is only available for a limited period add an end date here. You can update at any time.
  - 'Product Images'
  - 'Product Website'
  - 'Product User Manual'
- Information provided here is available on the Energy Rating Registration Database



#### **Declaration and Notes**

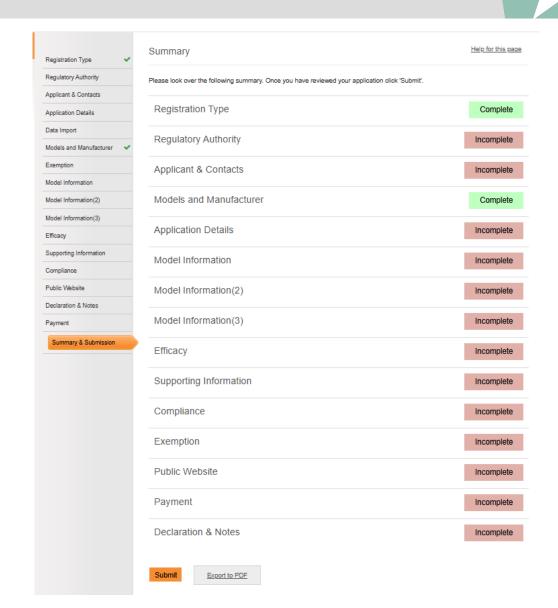
- ➤ To complete the application, you must read and agree to the legal declaration to submit the application
- You may also provide additional comments here
- A green tick indicates the page has been completed
- ► The green exclamation mark '!' indicates the page is complete but there is useful information to note.
- An orange exclamation mark means you need to revisit the page before you can progress.





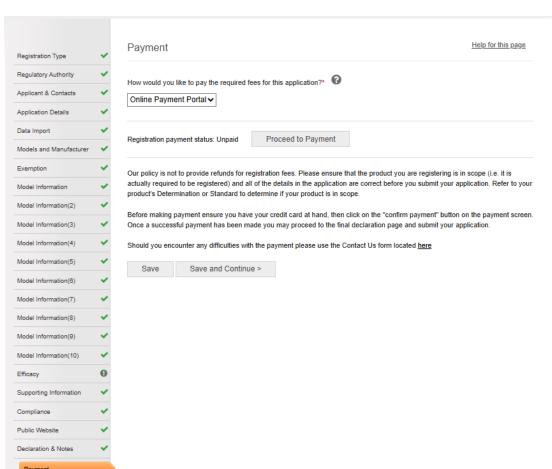
#### **Summary & Submission**

- ► If you go straight to 'Payment' before 'Summary & Submission' you won't be able to pay if the application is incomplete or has error warnings
- 'Summary & Submission' is the last section in your application
- Use 'Summary & Submission' to review your application before you pay and submit the application





#### **Payment**

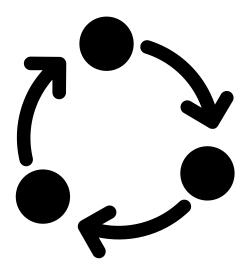


- ► If registering in Australia, there is a \$440 registration fee
- You must pay the fee before you can submit your application
  - Select 'Online Payment Portal'
  - Select 'Proceed to Payment'. You are then directed to the 'Manage Payments' section
  - 'Manage Payments' allows you to pay for one application or a bulk of applications
- Once you pay, the system submits your application, so you could choose to save several applications and pay in bulk



#### Immediate next steps ...

- Wait to hear from us
  - We may return your application for more information
  - Once your application is assessed, it will either be approved or refused.
- ▶ **If approved**, you receive confirmation and will be able to download the 'Approval Certificate' from the application record #000000 'Overview' section.





#### Next steps ...

#### Over time

- It's your responsibility to ensure the following information is up to date. You can manage this yourself without applying to us.
  - Contact details of relevant authorised officers and representatives
  - Manufacturing and supply countries
  - ▶ Dates of availability of products are correct
- You may need to vary the registration.
  - Pay a fee (\$210) to add models to an approved application

#### In 5 years

- To continue to supply your models your registration must remain current
- You can apply to re-register within 6 months of its end date
- You will receive a notification reminding you that your registration is expiring