

PO-I-022

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Purpose:	Scope:
The purpose of this instruction is to provide	This instruction applies to all personnel who
information for personnel who access and use	want to submit and review their proposals for
the Bragg Institute Customer Portal.	experiments at the OPAL Neutron Beam
	facility.

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1. **DEFINITIONS**

- 1.1 **Users** Researchers who propose and conduct experiments on the instruments. This includes members from within the ANSTO Institutes and Divisions.
- 1.2 **Proposals** Requests for beam time made by researchers to use instruments in Bragg Institute to conduct experiments.
- 1.3 **Sample environment** Special equipment applied to the samples during an experiment such as cryostats, furnaces, etc.
- 1.4 **Experimental report** Scientific results published in peer reviewed journals following experiments carried out at Bragg Institute.

2. RESPONSIBILITIES

- 2.1 Personnel who create and update proposals are responsible for:
 - ensuring their proposal is accurate and up to date
 - contacting the User Office when changes are required to submitted proposals.
- 2.2 Scientific co-ordinator is responsible for managing the user programme, operations and exploitation of the Customer Portal.
- 2.3 User Office personnel are responsible for:
 - accepting, acknowledgement and review of proposals
 - checking proposals meet criteria and respond accordingly
 - updating Customer Portal contents.

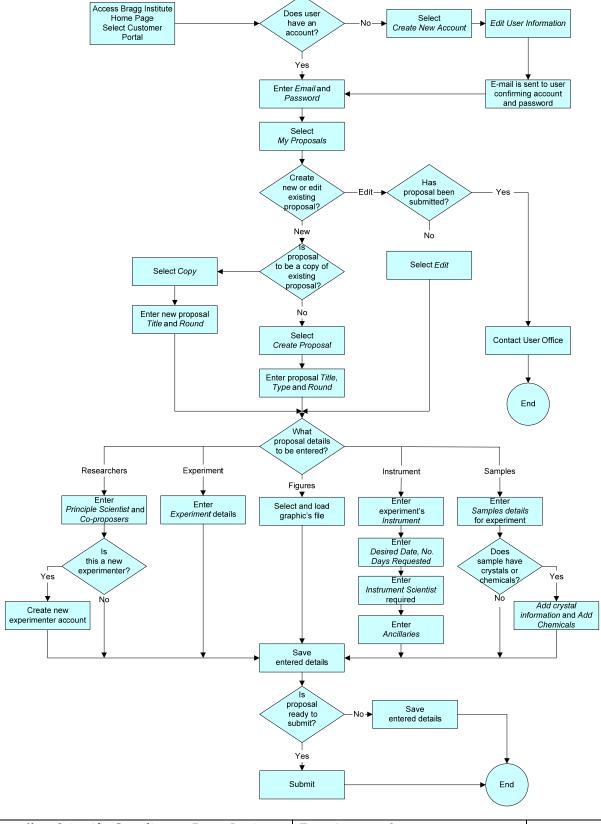
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3. PROPOSAL PROCESS



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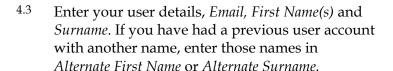
4. SETTING UP PORTAL USER ACCESS

Only authorised users can access the *Bragg Institute Customer Portal*. New users will need to create an account by accessing the portal and creating experiment proposals.

- 4.1 On the Bragg Institute internet home page, click Bragg Institute Customer Portal.

 http://neutron.ansto.gov.au/Bragg/proposal/index.jsp
- 4.2 On the Bragg Institute Customer Portal, click *Create New Account*.

Create New Account Forgotten your Password?



When complete, click Check Database. The systems checks if you already have an account.

To exit, click Cancel

- a) When there is a user with the same e-mail address, you can send a reset email to confirm you as that user. Click Send Reset.
 - b) When there is an existing user account with the same details, the system displays this message at the bottom of the screen.

If this is correct, you can click to send an email that lets you change your password.

When there is no existing account, the system displays this message at the bottom of the screen.
 To create a new account with your details, click Create new Account.







An existing user was found with that email address. Click the button if you want to send a reset email which will allow you to change your password. You may also search again.

We have found one or more records that may correspond to this information. If your details are contained here, please select that record and information will be sent to the registered email address on file. Otherwise, you may choose to create a new account (or search again).



We have confirmed that there is no record already in the database. Click the button to create the account, and an email will be sent to you for confirmation.

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4.6 When you receive your confirmation e-mail, select and click the link to access the portal and create your new account.

The confirm account will show your name and e-mail address. To exit, click Cancel.

4.7 Enter your *Password* for this account and *Confirm Password*.

To create the account, click Reset Password

4.8 Enter your Account Information.

All fields with * are mandatory and must be entered before the account can be created.

When a field has there is a drop down pick list that has the valid information that you can select and enter.

In these fields, you cannot enter any other information except for these valid choices such as:



4.9 Enter your *Organisation* by selecting and entering your organisation from the drop down pick list. If your organisation is not on the list, enter its name in *New organisation*.

Select and enter *Position* from the drop down pick list.

Note: Staff is personnel employed by the organisation including agency hires.

4.10 You can select and enter the *Scientific Areas* that you are interested from the drop down pick list. When you select the area, click Add Scientific Area.

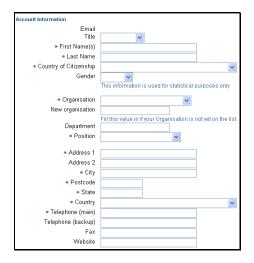
You can add multiple Scientific Areas, e.g.

Note: To remove any previous selected items, click ×.

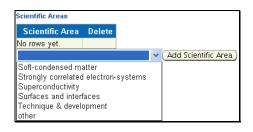




* Password	•••••
* Confirm Password	•••••







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4.11 You can select and enter your *Scattering Technique* from the drop down pick list. When you select the area, click (Add Technique).

You can add multiple Techniques, e.g.

Scattering Techniques		
Technique	Delete	
Radiography	×	
Reflectometry	×	

Technique Delete
No rows yet.

Polarised neutrons
Powder diffractometry
Quasi-Laue diffractometry
Radiography

4.12 When complete, click Save and Close or Cancel.

5. ACCESSING THE PORTAL

- 5.1 On the Bragg Internet Home Page, click the *Bragg Institute Customer Portal*. http://neutron.ansto.gov.au/Bragg/proposal/index.jsp
- 5.2 Enter your *Email* and *Password* then click Login



ansto



5.3 On the Account Home Page, you can choose to edit your account details, change your password or access your proposals.

For information to edit your account, refer to 4.8.

You can search for information on the chemicals database and chemicals in ANSTO laboratories.

Note: New users should change their password from their original system allocated password

- 5.4 To change your password, click Change password.
- 5.5 Enter your *Current Password* then your *New Password* and *Confirm Password*.

Click Reset Password to accept or Cancel to exit





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6. CREATING A NEW PROPOSAL

6.1 To enter a new proposal, click My Proposals

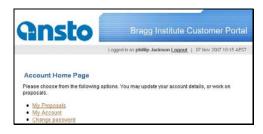
6.2 Your existing proposals or proposals that have been assigned to you are shown. You can view or edit these un-submitted proposals.

To create a new proposal, click Create Proposal

- 6.3 Enter the proposal's *Title* as a brief descriptive summary.
- 6.4 Select and enter the *Proposal Type* from the drop down pick list.
- 6.5 Click Next to continue to enter your proposal's details, or Cancel.
- 6.6 Confirm your proposal's *Title* and *Proposal Type*. It is important that you have the correct type as this determines the proposal rounds that you can choose.

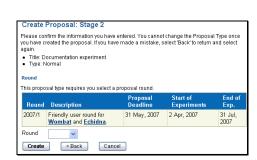
If not correct, click Sack to re-enter.

- 6.7 Click ✓ to select the *Proposal Round* from the drop down pick list.
- 6.8 To create your new proposal, click Create.











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7. ENTERING EXPERIMENT DETAILS

When you enter a proposal, you must complete five sections before you can submit it to the Bragg Institute User Office. You can complete a different section at any time using the menu bar with the system saving your information.



Mandatory information, shown with *, is not checked until you submit the proposal.

Note: The system will time out after 60 minutes. Click regularly as unsaved information will be lost.

- 7.1 To enter your proposal's experiment details, select *Experiment* from the menu bar.
- 7.2 All fields with * are mandatory.

When a field shows , there is a drop down pick list that has the valid information that you can select and enter. In these fields, you can not enter any other information except these valid choices.

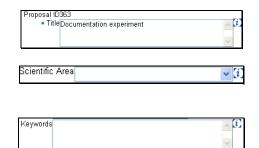
When a field has 1, you can select and click to display a pop up window with additional information, e.g.



- 7.3 You can enter a new proposal *Title* or modify the existing title.
- 7.4 Select and enter the *Scientific Area* for this experiment from the drop down pick list.
- 7.5 Enter any associated *Keywords* for your experiment to provide additional information. Each keyword is separated with a comma.







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- 7.6 Enter your proposed research details. This should be all the relevant information such as aim and purpose of the experiment, scientific background, preliminary work, reason for using this instrument and calculations for the requested beam time. This information can be formatted and include text copied from other sources.

 Note: Graphics are loaded using the Figures section.
- 7.7 Enter the *References* with details of any publications that are relevant for your proposed experiment.

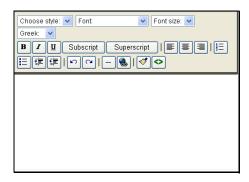
Enter *No* or *Yes* if there are any *I.P Issues* (Intellectual Property).

If *Yes*, enter the *I.P Details* and the associated issues that need to be addressed.

- 7.8 If this experiment is part of student thesis, then click ✓ and include details in *Proposed Research*.
- 7.9 To continue to another section, click save before selecting from the menu bar.

To save and return to the your proposals listing, click Save and Close.

If you click Cancel you will lose your entered details.









Check if this work forms a critical part of a student thesis. Note that this should also be indicated in the 'Proposed Experiment' section above.

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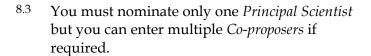


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8. ENTERING RESEARCHERS DETAILS

- 8.1 To enter your proposal's collaborator's details, select *Researchers* from the menu bar.
- 8.2 Enter the details for your experiment's collaborators.



To can add the experimenter's *Email address* as registered on the portal, then click Add Experimenter

You can add the e-mail details of an *Experimenter* or search for existing experimenters on the system

To add the Experimenter's e-mail click Add.

To add an existing Experimenter from the list, click .

If you cannot find the experimenter's details, you click Create Account to enter their details.

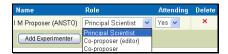
8.5 To continue to another section, click save before selecting from the menu bar.

To save and return to the your proposals listing, click Save and Close.

If you click cancel you will lose your entered details.









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Samples

^ (i)

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9. ENTERING INSTRUMENT DETAILS

- 9.1 To enter the instrument for your experiment, select *Instruments* from the menu bar.
- 9.2 Before selecting a specific instrument for your experiment, you enter the information for your complete experiment.



Instruments

Researchers

- 9.3 Enter any *Impossible Dates* when you can not conduct the experiment.
- 9.4 Enter any *Experimental Needs* such as the standard laboratory chemicals that you want Bragg Institute to supply for your experiment.
- 9.5 Enter any *Special Requirements* such as treatment, refrigeration.
- 9.6 Enter any *Hazards* that are associated with any equipment that you plan to bring on site, and how these hazards are to be managed.
- 9.7 Click Save
- 9.8 To enter specific instruments for this from the drop down pick list and click Add Instrument.



Experimental Needs
Please detail any standard laboratory chemicals you would like us to supply. Maximum 2000 characters.

Ple	e rimental Needs ase detail any standard laboratory chemicals you would like us to supply. Maxir racters.	mur	n 2000
		^	(i)
		V	

Special Requirements Please specify any equipment needed on site for sample loading, treatment, storage etc. (inert atmosphere, refrigeration, dry box etc.). Maximum 2000 characters.		
	V	

PΙε	r ards ase describe how any Hazards associated with equipment that you plan to bring managed. Maximum 2000 characters.	on site will
		[i]
	8	*



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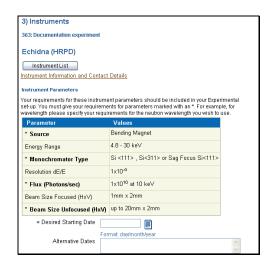


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9.9 You enter the instrument parameters required for your experiment

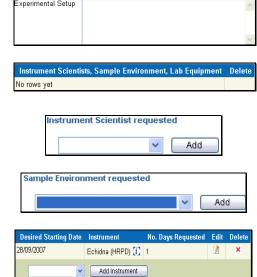
All fields with * are mandatory.



9.10 Enter the *Desired Starting Date* for using this instrument as *DD/MM/YYYY*, e.g. 01/01/2008. To access a calendar, click



- 9.11 Enter *Alternative Dates* in case your *Desired Date* is unavailable.
- 9.12 Enter *No. Days Requested* for your experiment.
- 9.13 Enter the details for the *Experimental Setup*.
- 9.14 Add the required *Ancillaries* (Sample environment) and *Instrument Scientists*.
- 9.15 Select the *Instrument Scientist* for this instrument from the drop down pick list, then click Add.
- 9.16 Select the *Sample Environment* for this instrument from the drop down pick list, then click Add.
- 9.170 To select and enter the details for another Instrument, click Instrument List Instrument or delete and modify existing instrument details for your experiment.
- 9.18 Click Save or to exit click Save and Close



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Figures

Edit

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10. ENTERING SAMPLES DETAILS

- 10.1 To enter the samples for your experiment, select *Samples* from the menu bar.
- 10.2 You use this section to enter information on the samples you plan to use in your experiment.

 There are several sections to provide information such as chemical composition, crystallographic information, etc.



Description

Add Sample

No samples yet.

Samples

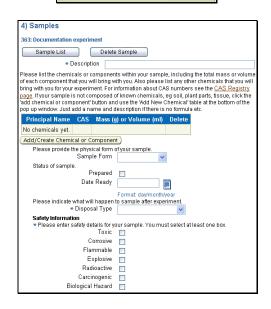
Instruments

Details

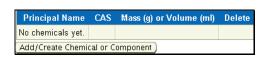
- 10.2 To enter information on your experiment's samples, click Add Sample.
- 10.3 You enter the chemicals or components within your sample including the mass or volume of each component. You must also enter details of all other chemicals that you will bring for your experiment.

You should add any associated crystal and chemical information for this sample.

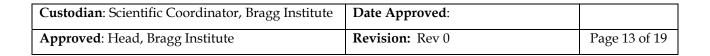
All fields with * are mandatory.



- Enter the *Description* of your sample.
- To enter the chemicals or components in your sample, click Add/Create Chemical or Component.



Description





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10.6 You can search for the sample's chemical or component you want to include in your experiment. This search can be by the chemical's Name, CAS number or Formula Name You can specify the chemical search can be to locate chemicals with Equals to, Begins with or Contains the criteria. It is recommended that you search on the CAS number as this is a precise number to search with. Names and Formula searches may be inconsistent due to misspelt or incorrect details 10.7a To search on the CAS number, enter the number 1314-11-0 CAS Number 🔻 (including dashes -) and select CAS Number and Equals, then click Search If the chemical is not in the database, you can add the details here but it will be marked as CAS Formula • Note unverified until confirmed. Enter the details then click Create and Select To select and add the chemical to your sample's **Principal Name** CAS Select details, click . Strontium oxide 🚺 1314-11-0 O-Sr 10.7b To search by Name, you can select to find Name Search chemical names with are Equals, Begins or Contains. The more accurate the entered name the fewer matches will be found as the following examples. Click Search to start search. Using exact chemical name and Equals in this Name Equals oxygen case found only one chemical. 7782-44-7 O2 Oxygen 🚺 Using a chemical name and Contains in this case oxygen Name Contains 🕶 found 86 matching chemicals. Previous 1-20 of 86 Next 20 Using three letters from the name and *Begins* оху Name Begins found 574 matching chemicals. Previous 1-20 of 574 Next 20 To select and add the chemical to your sample's Principal Name CAS Formula Select

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Oxygen 🚺

details, click .



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10.7c To search by *Formula*, you can select to find chemical formula with *Equals* or *Contains*.

Click Search to start search.



Note: Chemical formula format is the element symbols separated by a dash (-) or dot (.). When searching using one separator you should re-try using the other separator.

Using the exact chemical formula and *Equals* in this case found one matching chemical.

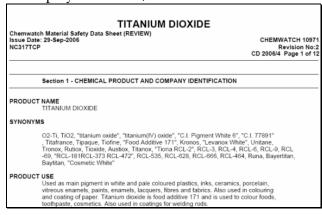
Using an element symbol and *Contains* in this case found 65544 matching chemical formulas.

To select and add the chemical to your sample's details, click .

10.8 Enter the mass or volume of your chemicals for your experiment. To delete chemicals, click X.

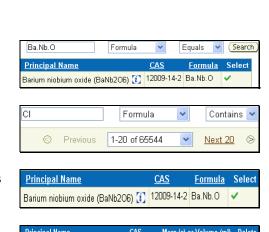
Note: When a chemical shows i indicates that there is additional information about that chemical and whether a MSDS is available. Click i to display information and MSDS.

To display the MSDS, click Download MSDS



Note: The MSDS must be attached to your proposal for each chemical used in your experiment. Refer to 11. Adding Attachments for details.

If a MSDS is not on the database, you can browse and upload a file.





Barium niobium oxide (BaNb2O6) [12009-14-2





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10.9	Select and enter the Sample Form from the drop down pick list .	Please provide the physical form of your sample. Sample Form
10.10	You can click the <i>Prepared</i> box and enter the <i>Date Prepared</i> as <i>DD/MM/YYYY</i> e.g. 01/01/2008. To access a calendar, click	Status of sample. Prepared Date Ready
10.11	Select and enter the <i>Disposal Type</i> from the drop down pick list. <i>Note:</i> This is mandatory field.	Please indicate what will happen to sample after experiment. * Disposal Type
10.12	Enter the Safety Information by clicking on the appropriate box.	Safety Information * Please enter safety details for your sample. You must select at least one boy Toxic Corrosive Flammable Explosive Radioactive Carcinogenic Biological Hazard Not Hazardous
10.13	You can enter any additional safety information associated with this chemical and your experiment.	Safety Comments
10.14	Click Add crystal info to include information on any crystals to be used in your experiment.	Single Crystal Information Delete Single Crystal Comments
10.15	Enter the specific information for the crystal to be used in your experiment.	Maximum 2000 characters B C C Alpha Beta Gamma At Temperature (K) Space Group
10.16	Click Save or to exit click Save and Close	

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11. ADDING ATTACHMENTS

To include additional files, graphics, diagrams and pictures in your proposal, select *Figures* from the menu bar.

Samples Figures Submit

To select the file you want to include, click to search files on your PC and computer network.

Select and click the file on your computer then click Upload. *Note:* You can include multiple files.

Note: The maximum file size is 300kb.

11.3 Click Save or to exit click Save and Close

Experiment Researchers Instruments Samples Figures Submit 5) Figures 36-3: Documentation experiment Graphics must be of format gif, jpg or png, and no more than 300k in size. Figures No Sigures yet. File Uplead Save Save and Close Cancel

12. SUBMITTING PROPOSALS

- 12.1 To submit your proposal, select *Submit* from the menu bar.
- 12.2 The system checks that your proposal has all the mandatory information. If not, the missing items are shown.

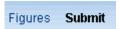
You cannot submit your proposal until all these items are correct.

12.3 When the proposal is correct, you click ☐ to confirm you have read the terms and conditions.

Note: When the proposal is submitted, you must contact the user office before you can edit any details.

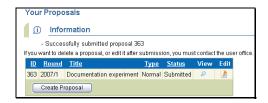
12.4 To finalise and submit your proposal, click Submit

When your proposal is successfully submitted, the Status is shown *Submitted*.









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13. COPYING AN EXISTING PROPOSAL

13.1 You can copy an existing proposal to modify and submit as a new proposal.

To copy a new proposal, click My Proposals



13.2 A list of your existing proposals is shown that you can view, edit or copy.

To copy, click .



Note: The copy takes all original proposal information up before it was submitted. Information such as dates and times are not copied.



- 13.3 Enter the *New Title* for your proposal.
- 13.4 You can select to copy the original proposal's Samples and Figures information to the new proposal. Click the boxes to select.
- 13.5 Select the *Proposal Round* for your proposal.



Note: If you cancel, no information is saved.







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13.7 The new proposal is created with a message showing the new proposal number and the original such as:

Successfully created proposal 372, copied from #299

You can modify existing and enter new information as shown in steps 7 to 12.



14. PRINTING PROPOSALS

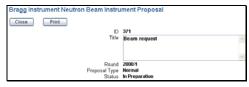
14.1 To preview and print your proposals, click My Proposals



^{14.2} To preview your proposal, click 🦰.



14.3 To print your proposal, click Print



15. RECORDS

16. REFERENCES

17. DOCUMENT REVISION RECORD

Revision	Description of Changes	Date
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