



**PUSAT PENGAJIAN KEJURUTERAAN KELAUTAN
UNIVERSITI MALAYSIA TERENGGANU**
21030 Kuala Terengganu, Terengganu
Fax : 09-668 3391

Form Num. UMT/PPKK/MF/2016/XRD

Sample No. XRD/

**X-RAY DIFFRACTOMETER (XRD) ANALYSIS APPLICATION FORM
(RIGAKU MINIFLEX II)**

APPLICANT'S PERSONAL PARTICULARS

Name of Applicant							
Status of Applicant *	Internal		Undergraduate		Master/PhD		Collaborator
	External		Student		Government		Private
Student ID / IC No.							
Faculty/ Department							
Hand Phone No. & Email							

SUPERVISOR DETAILS

Name of Supervisor							
Research Vot. No.							
Faculty/Department							
Payment via *		Cash / Electronic Fund Transfer (EFT)				Local Order (LO) / Purchase Order (PO)	
		Direct Invoice		Vot Transfer		Cheque	
Hand Phone No. & Email							
Signature & Official Stamp Date							

SAMPLE INFORMATION

Scanning Range *		Standard: 3' – 80'				
		Other <i>(Please specify within 3' – 80')</i> :				
Scanning Speed *		Standard: 2'/min				
		Other <i>(Please specify)</i> :				
Sample Labels & Information <i>(Please specify the sample label/tag)</i>	1		6			
	2		7			
	3		8			
	4		9			
	5		10			
Please Specify any Result Expectation <i>(eg. crystallyne,)</i>						

OFFICE USE

Date of Received	
Date of Completion	
Signature & Stamp of Person In-Charge	

*Please tick

General Rules and Requirement:

1. Please refer to the website (<http://makmalberpusat.umt.edu.my/>) for further details of pricing and instrument. All analysis prices are subject to change.
2. All information provided should be true
3. Booking procedure
 - a. Complete the application form including valid Research Vot. Number.
 - b. Submit the completed application form to the lab staff.
 - c. For **UNDERGRADUATE STUDENTS**, the sample to be analyzed is limited for 20 samples only.
4. Sample Condition & Preparation
 - a. Please be ensure the **MINIMUM SAMPLE VOLUME REQUIRED** should be **MORE THAN A SPATULA PER ANALYSIS**.
 - b. Please be ensure that sample should in **POWDER** state.
 - c. UMT has the right to cancel any analysis if the sample is suspected to have high risk on the safety of the operator or can cause damage to the instrument during the analysis.
5. All inquiries regarding XRD instrument should be forwarded to the Science Officer (Mrs Nor Faizah Binti Adam/ 09-668 3365/norfaizah@umt.edu.my)