

	MAKMAL BERPUSAT UNIVERSITI MALAYSIA TERENGGANU 21030 Kuala Terengganu, Terengganu Fax : 09-668 3395	Form Num.	UMT/MB/M/2016/TGA-DSC
		Sample No.	TGA-DSC/
TGA/DSC ANALYSIS APPLICATION FORM (TGA/DSC 1 METTLER TOLEDO)			

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

Type of Sample *	Solid										
	Powder										
	Thin-Film										
	Other (Please specify):										
Total No. of Sample											
Sample Labels & Information (Please Specify The Sample Label/Tag)	1		6								
	2		7								
	3		8								
	4		9								
	5		10								
	* Please attach additional list of samples if necessary										
Type of Sample Material (Please Specify: polymer, metal, ceramic & etc)											
Range of Heating Temperature (30 °C – 1000 °C)		Start	<input type="text"/>	°C	End	<input type="text"/>	°C				
Heating Rate Temperature (°C/Min)		<input type="checkbox"/>	10	<input type="checkbox"/>	20	<input type="checkbox"/>	30	<input type="checkbox"/>	40	<input type="checkbox"/>	50
Type of Purge Gas		Argon	<input type="text"/>	Oxygen	<input type="text"/>						
Flow Rate of Gas (ml/Min) (10 ml – 100ml)											
Other Condition (Please specify if the sample need to switch the purge gas, hold temperature, heating rate)											
Type of Data & Graph		<input type="checkbox"/>	TGA	<input type="checkbox"/>	DSC	<input type="checkbox"/>	DTG				
Please Specify Any Result Expectation											

OFFICE USE

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

*Please tick

General Rules and Requirement:

1. Any sample or derivation of swine/pork/lard/pig/dogs type is not accepted for analysis purposes.
2. Please refer to the website (<http://makmalberpusat.umt.edu.my/>) for further details of pricing and instrument. All analysis prices are subject to change.
3. All information provided should be true.
4. Booking procedure
 - a. Complete the application form including valid Research Vot. No.
 - b. Submit the completed application form to the lab staff.
5. Sample Condition & Preparation
 - a. Please be ensure the **MINIMUM SAMPLE MASS REQUIRED** should be **MORE THAN 20 MILIGRAMS PER ANALYSIS**.
 - b. Makmal Berpusat 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.
6. All inquiries regarding TGA-DSC Instrument should be forwarded to the Officer (Mr Mohd Azlien Bin A. Jalil/ 09-668 3292/ m.azlien@umt.edu.my)

REMARKS

NO	DESCRIPTION			CHECKLIST - PIC
1	Storage		Room	Location:
			4°C	
			-20°C	
			-80°C	
2	List of received Item	No	Item	Quantity
		1	Sample	
		2		
		3		
		4		
		5		
3	Post Analysis		Storage	
			Dispose	
4	Receiver Name			
		Stamp :		Stamp :
		Date:		Date: