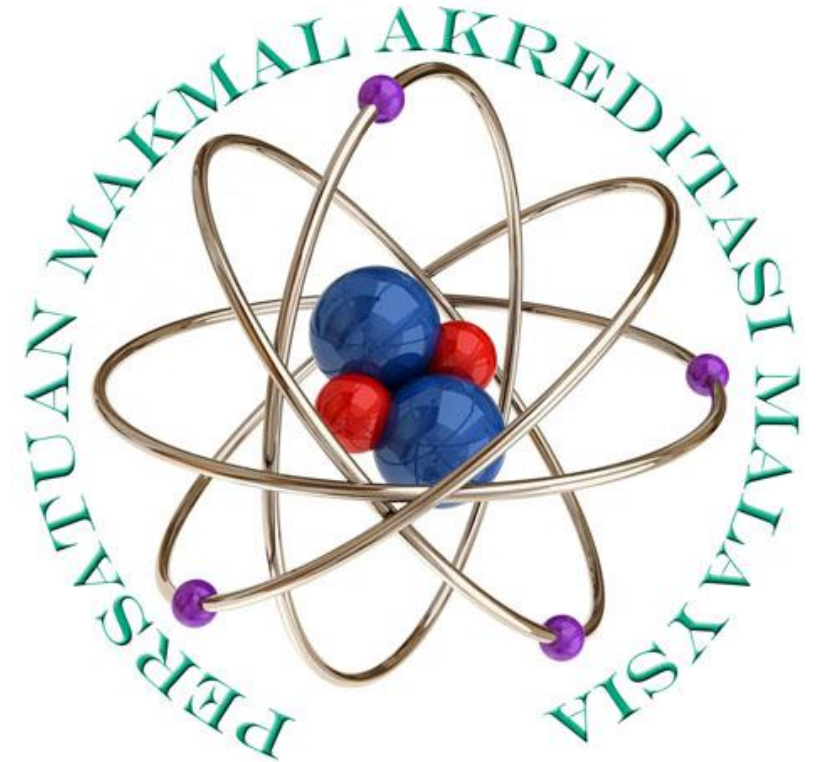
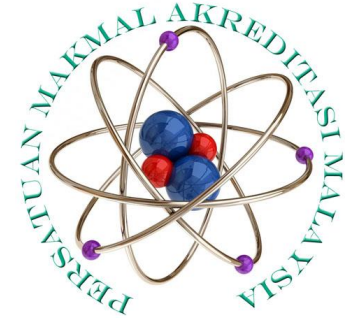
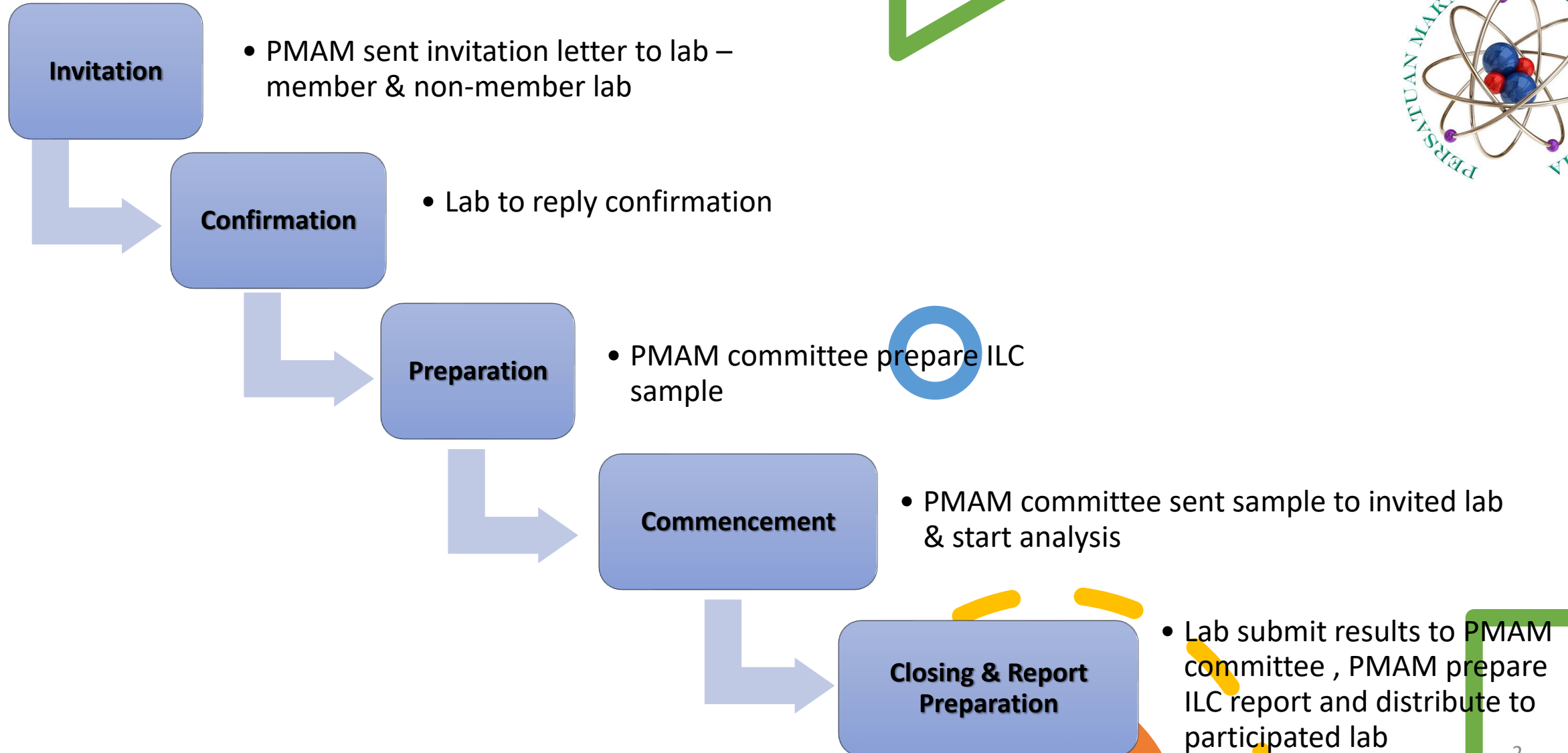


PMAM ILC

Chemical & Microbiology  
testing

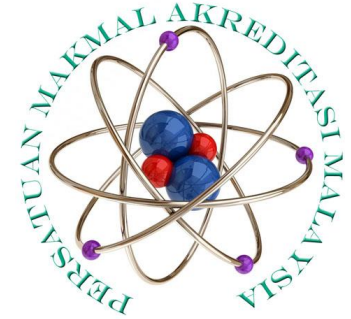


# ILC process flow



Proposed ILC study

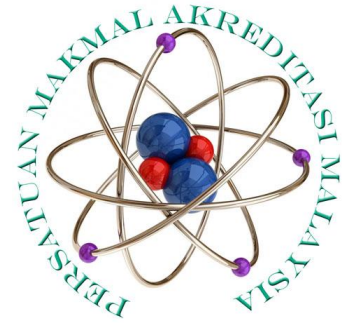
## Pharmaceutical scope



Scope	Test	Price – Non member	Price – PMAM member
Heavy Metal analysis in pharmaceutical/herbal product	Heavy metals	200	150
Microbial analysis in pharmaceutical product	Pathogenic bacteria	200	150

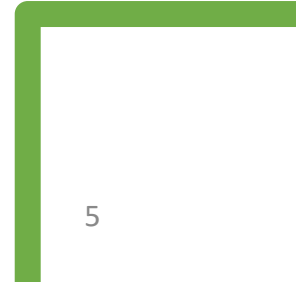
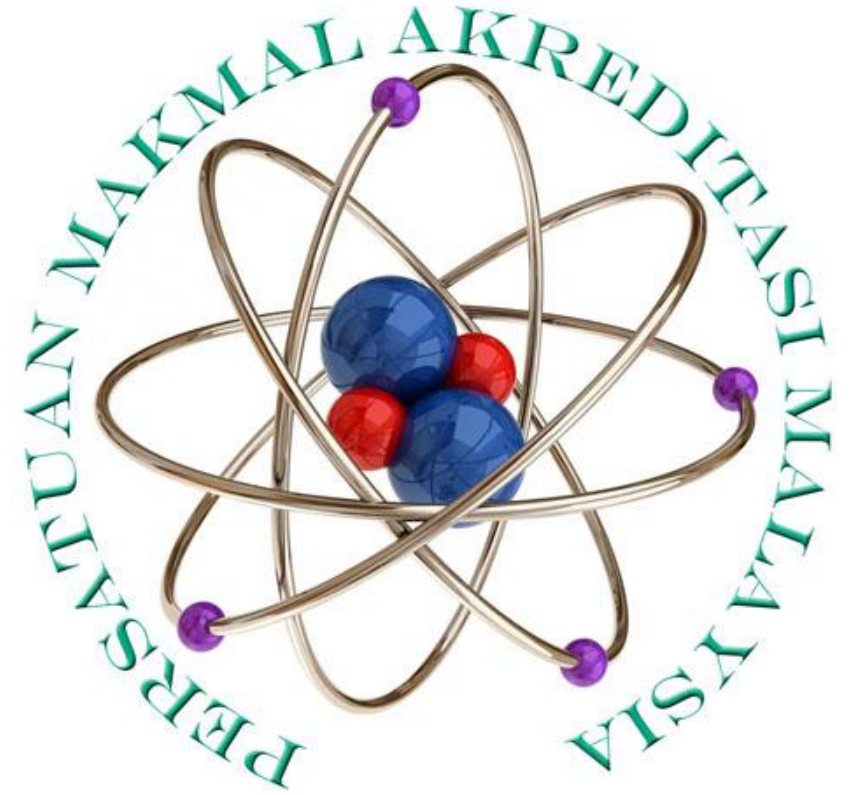
# Food scope

- Malaysia Food Regulations 1985 related test parameters on food products



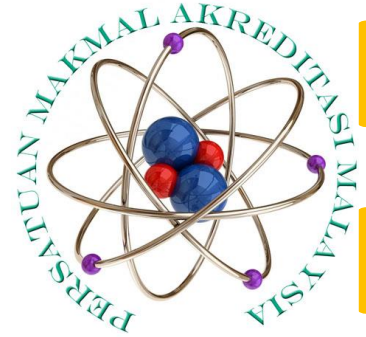
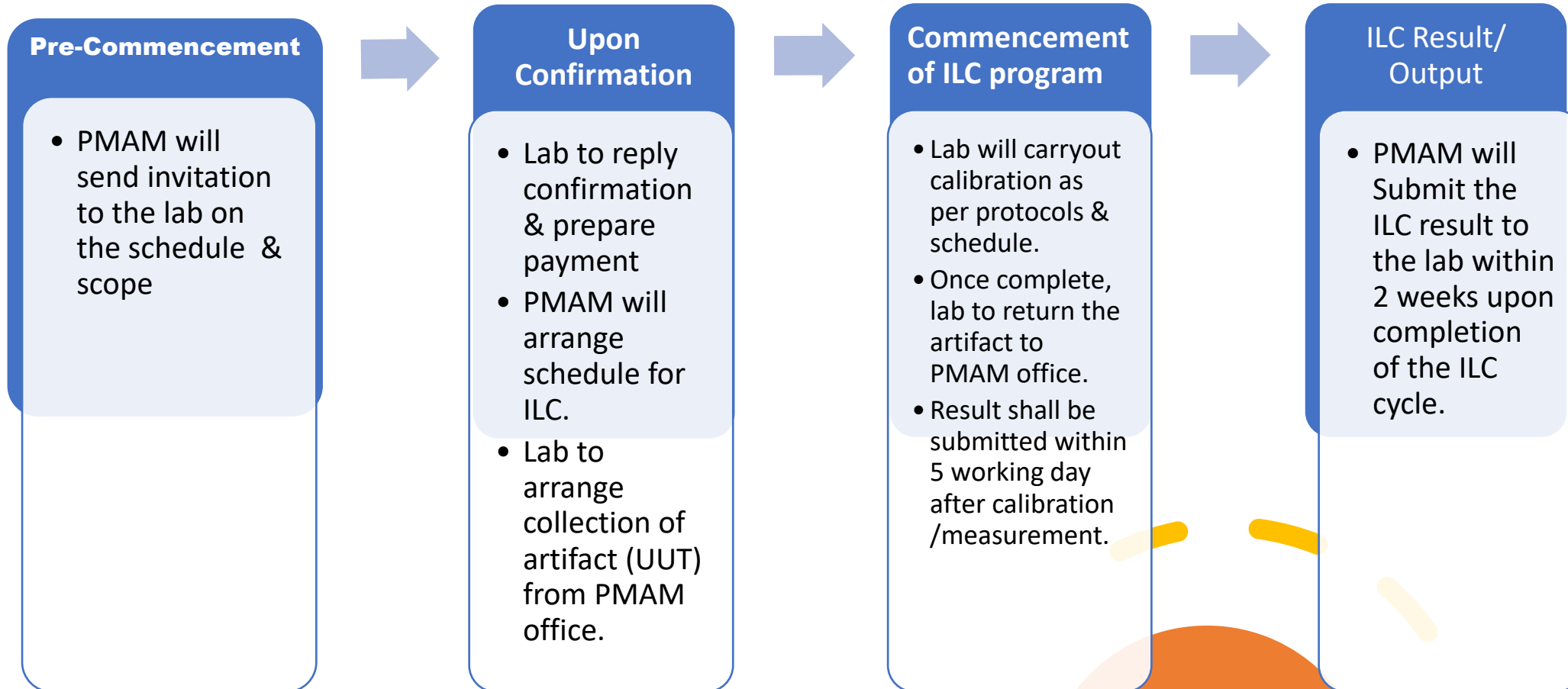
Scope	Test	Price – Non member	Price – PMAM member
Preservative analysis in food	Sulphur Dioxide	200	150
Sugar profile in honey	Sucrose, Glucose	200	150

# PMAM ILC Calibration



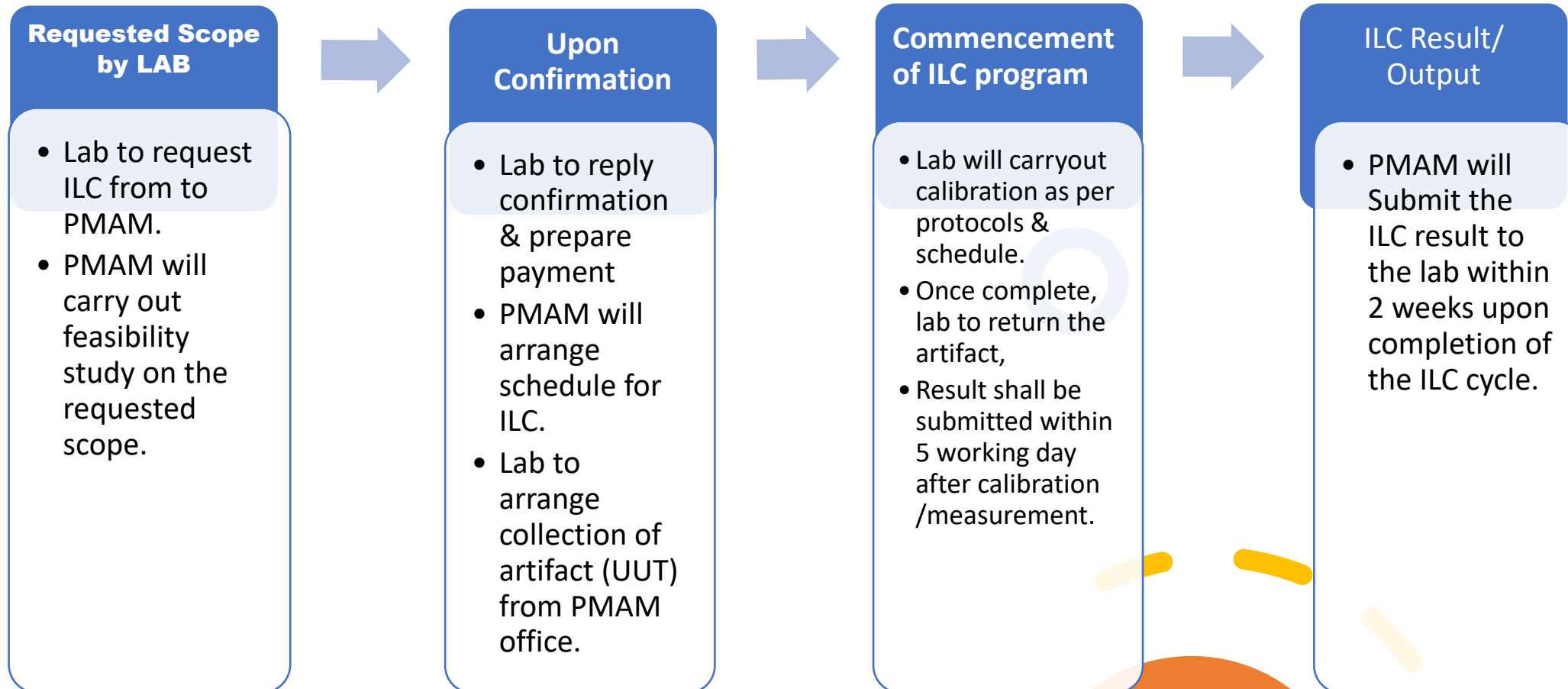
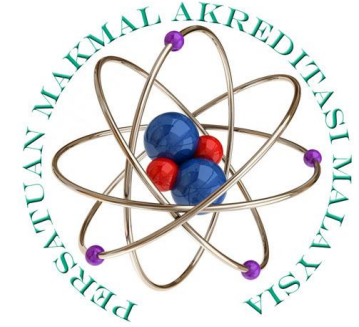
# ILC PROGRAM FLOW

## SCHEDULED AVAILABE SCOPE BY PMAM

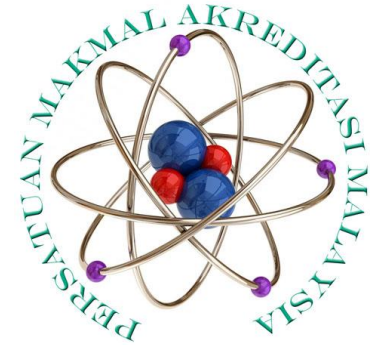


# ILC PROGRAM OFFERED

SCHEDULED BASED ON REQUEST & MEASUREMENT AUDIT

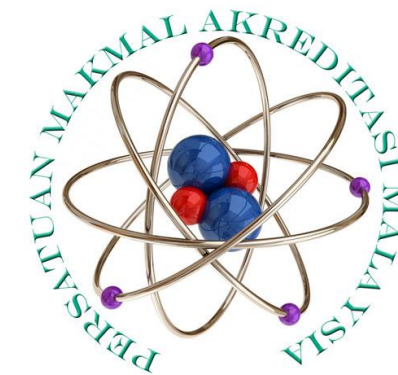


# AVAILABLE ILC PROGRAM

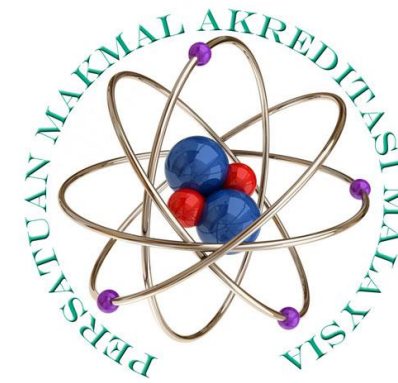


SCOPE	EQUIPMENT	PRICE	PRICE (MEMBERS)
ACOUSTIC	SOUND LEVEL METER	RM1040.00	RM 800.00
	SOUND CALIBRATOR	RM 650	RM 500
	NOISE DOSIMETER	RM 910	RM 700



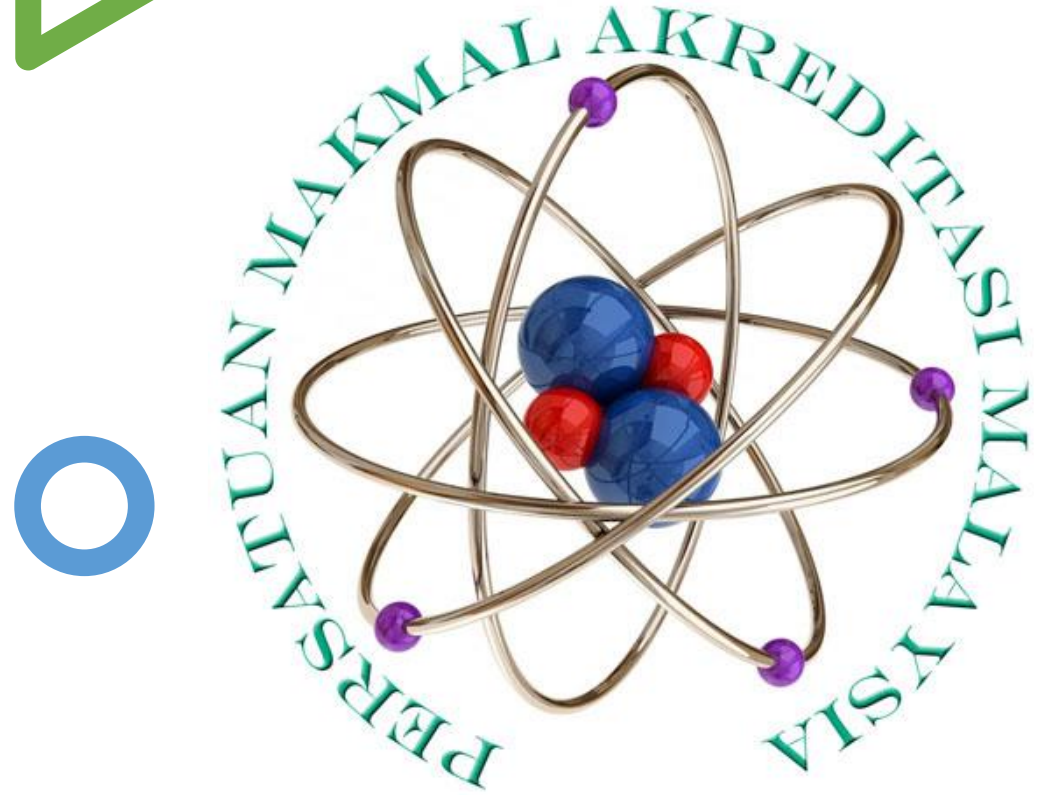


SCOPE	EQUIPMENT	PRICE	PRICE (MEMBERS)
ELECTRICAL / GAS DETECTOR	GAS DETECTOR (SINGLE GAS)	RM 390.00	RM 300.00
	GAS DETECTOR (4 STANDARD GAS) OXYGEN/METHANE /HYDROEGN SULPHATE/CARBON MONIXIDE	RM 650.00	RM 500.00

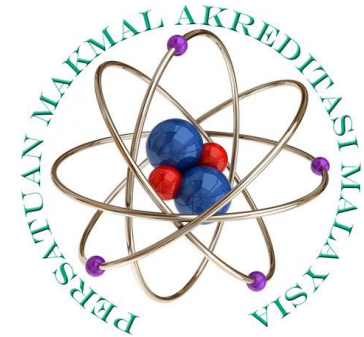
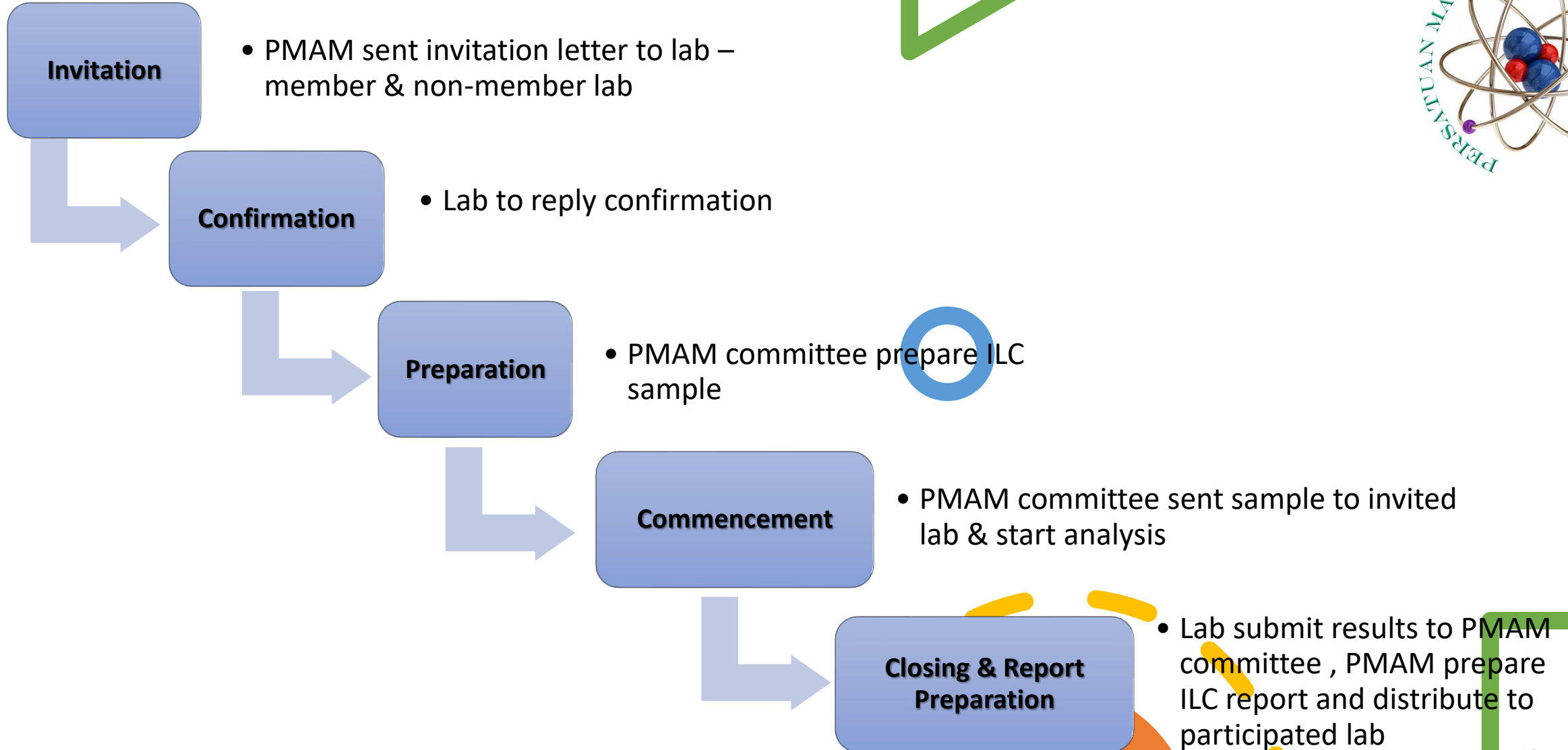


SCOPE	EQUIPMENT	PRICE	PRICE (MEMBERS)
Dimension	Caliper	RM 650.00	RM 500.00
	Micrometer	RM 650.00	RM 500.00
	High Gauge	RM 650.00	RM 500.00

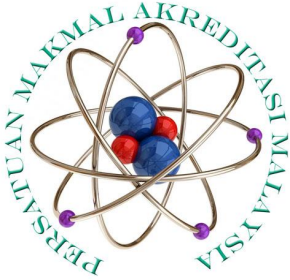
PMAM ILC  
ILC – Testing - Mechanical



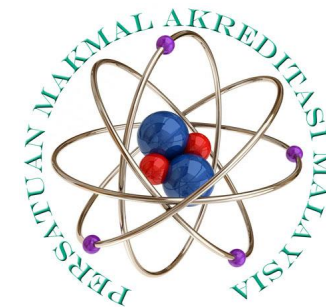
# ILC –Testing Mechanical Process Flow



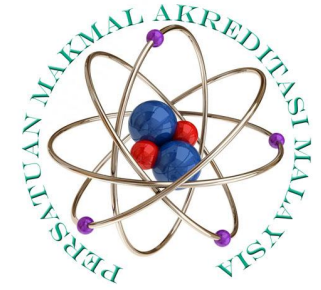
# ILC –Testing Mechanical Cost and Member Fees



Materials / Products Tested	Type of Test / Properties Measured / Range of Measurement	Standard Test Methods / Equipment / Techniques	Sample preparation for 4 labs	Sample prepare by WHO	Transportation	Member price	Non member price	PMAM admin fees
Aggregate	Aggregate Crushing Value (ACV)	BS 812 : Part 110 : 1990 MS 30 : Part 8 : 1995	6 kg X 4 = 24 Kg (aggregate)	CML	Participants to collect the sample from appointed lab	400	800	100 per person
	Ten Percent Finess Value (TFV)	BS 812: Part 111 : 1990 MS 30 : Part 9 : 1995	6 kg X 4 = 24 Kg (aggregate)	CML	Participants to collect the sample from appointed lab	400	800	100 per person
Hardened Concrete	Compressive strength of concrete cube in the force range 50kN to 2700 kN	MS 26 : Part 2 : 1991 : Section 3 (Excluding Clauses 3.4.1 & 3.4.2	2 cubes X 4 = 8 cubes (G30/20)	CML	Participants to collect the sample from appointed lab	350	600	100 per person
		BS EN 12390-3 : 2002 (Excluding Cylinder Testing)						



Materials / Products Tested	Type of Test / Properties Measured / Range of Measurement	Standard Test Methods / Equipment / Techniques	Sample preparation for 4 labs	Sample prepare by WHO	Transportation	Member price	Non member price	PMAM admin fees
Bitumen Premix	Thickness or height of compacted bituminous paving mixtures specimen	ASTM : D 3549 / D 3549M - 18 (2018)	4.5 Kg X 4 = 18 Kg premix	Ikram Paves Sdn Bhd	Participants to collect the sample from appointed lab	800	1200	100 per person
	Quantitative Extraction of Bitumen From Bituminous Paving Mixtures (Binder Content)	ASTM : D 2172 / D 2172M-17 (2017)	4.5 Kg X 4 = 18 Kg premix	Ikram Paves Sdn Bhd	Participants to collect the sample from appointed lab	1000	1500	100 per person



Materials / Products Tested	Type of Test / Properties Measured / Range of Measurement	Standard Test Methods / Equipment / Techniques	Sample preparation for 4 labs	Sample prepare by WHO	Transportation	Member price	Non member price	PMAM admin fees
Bitumen Premix	Marshall Stability & Flow of Bituminuos Mixtures	ASTM D 6927 : 2015	4.5 Kg X 4 = 18 Kg premix	Ikram Paves Sdn Bhd	Participants to collect the sample from appointed lab	800	1200	100 per person
	Density of Non-Absorptive Compacted Bituminous Mixtures	ASTM : D 2726 / D 2726M - 19 (2019)	4.5 Kg X 4 = 18 Kg premix	Ikram Paves Sdn Bhd	Participants to collect the sample from appointed lab	800	1200	100 per person