

# Test Project

## *Automobile Technology*

Module D – Engine Mechanical – Report Sheet

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# Competitor Report Sheet

Time allowed 3,5 hours

COMPETITOR NAME	COUNTRY CODE	MODULE	TRANSLATION LANGUAGE
		D	ENGLISH

## Module D – Engine Mechanical

Engine No: \_\_\_\_\_

### 1. Piston-No: No 2

Description	Specification mm	Actual	ok	Not ok
Diameter				
Piston/cylinder side clearance				

### 2. Cylinder block – Cyl No 3

Description	Specification	Actual	ok	Not ok
Bore diameter AC1(Piston Thrust)				
Bore diameter AC2 (Piston Thrust)				
Bore diameter AC3 (Piston Thrust)				
Bore diameter BC1 (Axial parallel to the crankshaft)				
Bore diameter BC2 (Axial parallel to the crankshaft)				
Bore diameter BC3 (Axial parallel to the crankshaft)				

### 3. Segment piston – Cyl No 1

Description	Specification	Actual	ok	Not ok
Ring groove clearance (Top)				
Ring groove clearance (Second)				
Ring groove clearance (Oil ring)				
Ring Gap (Top)				
Ring Gap (Second)				
Ring Gap (Oil ring)				

### 4. Crankshaft

Description	Specification	Actual	ok	Not ok
Axial clearance/end float				
Oil clearance Cyl 1 (Plastigage)				
Conrod bearing journal Cyl 1 Diameter				

### 5. Cylinder head

Description	Specification	Actual	ok	Not ok
Head surface distortion				

## 6. Measure Valve lifter cylinder 4

Description		Specification	Actual	ok	Not ok
Valve lifter diameter	Intake				
	Exhaust				
Valve lifter seat diameter	Intake				
	Exhaust				