

Cylinder Head Specifications

Meets ASE Task: A1 – B-1 – P-1

Name: _____ Date: _____ Time on Task: _____

Make/Model/Year: _____ VIN: _____

Evaluation (Enter number from 4, 3, 2, 1) : _____

1. Type of material: _____ cast iron or _____ aluminum alloy

2. What is the maximum allowable surface variation (out-of-flat)?

3. Valve seat runout (maximum): _____

Intake valve seat angle: _____

Intake valve face angle: _____

Intake valve seat width: _____

Exhaust valve seat angle: _____

Exhaust valve face angle: _____

Exhaust valve seat width: _____

4. Type of valve guide:

_____ integral (cast iron heads only)

_____ powdered metal

_____ other (specify) _____

5. Valve guide bore diameter: _____

6. Minimum valve margins: intake valve _____ exhaust valve _____

7. Type of valve rotators:

_____ positive on exhaust valve only

_____ free type (keepers touching together)

8. Location of valve rotators:

_____ above the valve spring

_____ under the valve spring