|  |  |
| --- | --- |
| Vehicle and modifier details | Report no.: |
|  |
|

|  |  |  |
| --- | --- | --- |
| Vehicle make: | Vehicle model: | Month and year of manufacture: |
|  |  |  |
| VIN (if applicable): | Vehicle chassis no. (if applicable): | Vehicle modifier (company name): |
|  |  |  |

 |

### Average operating pressure (AOP)

Average operating pressure as per Australian Design Rule (ADR) definitions; data as defined by the original manufacturer or, if not available, as below:

|  |  |  |
| --- | --- | --- |
| 1. Maximum compressor cut-out pressure (A) = |  | kPa |
| 2. Highest compressor cut-in pressure (B) if measurable, otherwise as (A).=  |  | kPa |
| 3. Average operating pressure = A + B = |  | kPa |

### Reservoir capacity (combined)

|  |  |
| --- | --- |
| Maximum combined required capacity | Refer ADR 35/.. Special provisions for systems using stored energy, except spring brake systems |
| 1. Existing brake chamber swept volume = |  | cm3 |
| 2. Additional brake chamber swept volume = |  | cm3 |
| 3. Total swept volume (C) = |  | cm3 |
| 4. Required reservoir capacity = C x 12 = |  | cm3 |
| Actual combined reservoir capacity  |
| 5. Existing reservoir/s = |  |  |
| 6. Additional reservoir/s = |  |  |
| 7. Total = |  |  |

### Compressor recharge performance

|  |
| --- |
| Refer ADR 35/.. Special provisions for systems using stored energy, except spring brake systems |
| 1. Performance |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| From |  | kPa to  |  | kPa at |  | RPM engine speed |

 |
| 2. Allowable time = | **Actual reservoir capacity** = (f) x 25 seconds  | **Required reservoir capacity** = (d) |
| 3. Actual time =  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Test 1** |  | Secs **Test 2**  |  | Secs **Test 3** |  | secs  |

 |

### Authorisation

|  |
| --- |
| **Other than modification criteria, if the answer to any relevant question is NO the modification is not acceptable.** |
| **Comments:** |  |
| Examined by: | Company (if applicable): | AVE no.: |
|  |  |  |
| Signed: | Modification certificate no.: | Modification plate no.: | Date: |
|  |  |  |  |