

HEAVY VEHICLE MODIFICATIONS

Checklist B1

TRANSMISSION SUBSTITUTION OR ADDITIONAL FITTING

(Y=Yes, N=No, N/A =Not Applicable)

1.0 General

- 1.1 Does the replacement or additional gearbox have adequate torque capacity for the output of the vehicle's engine?
- 1.2 Has the replacement or additional gearbox been fitted without the removal or weakening of sub-frames, chassis, cross members or body members?
- 1.2 Are any openings into the vehicle necessary for the gearshift control adequately sealed to prevent the ingress of exhaust and road fumes?
- 1.3 Has the accuracy of the vehicle's speedometer been maintained?
- 1.4 Are automotive type gearbox mountings used on suitably fabricated brackets?
- 1.5 Do the reversing lights (if fitted) operate when reverse gear position is selected?
- 1.6 Is all work performed in accordance with recognized engineering standards and to the satisfaction of the certifying officer?
- 1.7 Does the replacement or additional gearbox provide sufficient reduction to permit the vehicle, when laden to its rated GCM, to meet the gradeability requirements of the S3 Modification Code in VSB 6. ?
- 1.8 Do air operated accessories such as Shift controls or Power Take Off controls comply with the requirements of Code G6 from VSB 6 Section G Brakes
- 1.9 Are all transmission controls able to be operated safely from the driving position

2.0 Automatic Transmission (if applicable)

- 2.1 Does the transmission control lever mechanism have a neutral position located between the reverse and forward positions?
- 2.2 Is the park position (if applicable) located adjacent to the reverse drive position?
- 2.3 Is the reverse selection movement upward, forward or to the left side?
- 2.4 Is the engine starter inoperative when the transmission control lever mechanism is in a forward or reverse drive position?
- 2.5 Is the transmission control lever position permanently displayed and illuminated within the driver compartment of the vehicle?

3.0 Driveshaft

- 3.1 Have any changes to the tailshaft been carried out in accordance with manufacturer's recommendations or in accordance with recognized engineering standards?
- 4.0 Do the tyres fitted to the vehicle have a speed rating equal to or in excess of the maximum speed capability of the vehicle?

NOTE:If the answer to any relevant question is "NO", the modification is not acceptable.

HEAVY VEHICLE MODIFICATIONS

Vehicle

Make: Model: Year of Manufacture:

Chassis No/VIN:

Replacement or Additional Gearbox

Make: Model:

Vehicle Modifier:

Examined by:

Company (if applicable):

Certifying Officer No: Modification Certificate No:

Modification Plate No:

Signed when printed: Date: