

HEAVY VEHICLE MODIFICATIONS

Appendix 2

Chassis Modification Calculation Sheet

Report No: Vehicle Chassis No/VIN:

Vehicle Make & Model: Body Type:

Weld Process:

Chassis Material: Reinforce material:

Yield Stress: Yield Stress:

Weld Material:

DATA

Data Item	Total	Front Axle(s)	Rear Axle(s)
Tare Weight			
Body & Payload			
Axle(s) Capacity			
Tyres Capacity			
Current Regulatory Limit			

Calculations

Item	Total	Front Axle(s)	Rear Axle(s)
Load Reactions			
Section Modulus (distribution)			
Bending Moment (max)			
Critical Stresses			
Factor of Safety on Yield			
Location of Welded joints			
Stress at Welded Joints			

Remarks:

Signed when printed: Date: Res No: