

INSPECTION CHECKLIST FOR

# Conveying dangerous goods by road



DRIVER'S NAME	DATE
MAKE OF VEHICLE	REGISTRATION
KM READING	KM

All the items in the "ITEMS TO BE CHECKED" column must be checked by operators before operating equipment.

Indicate whether each item is in a serviceable condition (using a tick) or not (using a cross). If irrelevant, write n/a in the comments section. If defective, comment on the exact nature of the defect and do not operate until reported and corrected. A new checklist then needs to be filled in and retained indicating that all parts are serviceable.

GENERAL VEHICLE CHECKS	☒	COMMENTS
<b>INITIAL/EXTERIOR CHECKS</b>		
NO LEAKS OR OBSTRUCTIONS UNDER VEHICLE		
NO DAMAGE TO BODY/SIDE WINDOWS		
SIDE MIRRORS CLEAN & UNDAMAGED		
WINDSCREEN CLEAN & UNDAMAGED		
WINDSCREEN WIPERS SECURE & UNDAMAGED		
LENSES & REFLECTORS CLEAN & UNDAMAGED		
BONNET, GRILL & BUMPER CLEAN & UNDAMAGED		
NUMBER PLATE & LISENCE DISC VALID & SECURE		
TYRE TREAD SUFFICIENT(1mm), NO SIDEWALL DAMAGE		
TYRES PROPERLY INFLATED		
WHEEL NUTS & VALVE CAP SECURE		
WHEELS FREE OF OIL & GREASE		
FUEL CAP & FUEL TANK FITTED & UNDAMAGED		
<b>UNDER BONNET CHECKS</b>		
OIL, BRAKE & CLUTCH FLUID LEVELS ARE ADEQUATE		
WATER LEVEL IS SUFFICIENT		
FAN BELTS CORRECTLY TENSIONED & NOT WORN		
NO LEAKS (OIL, WATER etc.)		
NO LOOSE/DISCONNECTED CABLES		
<b>INTERIOR CHECKS</b>		
HANDBRAKE IS ENGAGED		
GEAR IS IN NEUTRAL		
NO OBSTRUCTIONS AT FEET		
SEAT POSITIONED CORRECTLY		
MIRRORS SET FOR BEST VIEW		
NO UNUSUAL INDICATORS ON DASHBOARD		
PEDALS HAVE GOOD PRESSURE RESPONSE		
NO EXCESSIVE FREE PLAY ON STEERING WHEEL		
<b>FUNCTIONALITY</b>		
WINDOWS/DOORS FUNCTION CORRECTLY		
INDICATORS FUNCTION CORRECTLY		
LIGHTS & BRAKE LIGHTS FUNCTION CORRECTLY		
WINDOW WIPERS FUNCTIONAL		
HORN FUNCTIONS CORRECTLY		
<b>MISC. CHECKS</b>		
SPARE WHEEL, SPANNER & JACK PRESENT		
SPARE WHEEL INFLATED		
EMERGENCY TRIANGLES PRESENT		
FIRE EXTINGUISHER FITTED & FUNCTIONAL		
BATTERIES, HOLDERS & AIR TANKS UNDAMAGED		

**Continued overleaf**

TRAILER/SEMI TRAILER CHECKS(IF APPLICABLE)	✘	COMMENTS
<b>CONDITION</b>		
BODY IS UNDAMAGED		
COUPLINGS & SERVICE LINES UNDAMAGED		
TOWBAR & PINS UNDAMAGED/UNWORN		
WHEELS IN GOOD CONDITION (TREAD, INFLATION etc.)		
<b>GENERAL CHECKS</b>		
LISENCE DISC & NUMBER PLATE SECURE & VALID		
INFORMATION PLATES CLEAN, SECURE & VALID		
LIGHTS FUNCTION CORRECTLY		
REFLECTORS & REAR CHEVRON CLEAN & SECURE		
SPARE WHEELS & FIFTH WHEEL IN GOOD CONDITION		
LOCKS, DOORS & HINGES IN GOOD CONDITION		

PETROL TANKER CHECKS (IF APPLICABLE)	✘	✘
<b>GENERAL REQUIREMENTS</b>		
VALID CERTIFICATE OF FITNESS & LISENCE		COMPARTMENT CAPACITY NOTED (IN LITRES)
VEHICLE & TYRES ROADWORTHY		CAB OF SOUND CONSTRUCTION
REAR CAB WINDOW IS SAFETY GLASS		ENGINE SHIELDING IN PLACE
EXHAUST DISCHARGES 1m MIN FROM PIPES		EXHAUST SHIELD 100mm LARGER THAN EXHAUST
HYDROSTATIC PRESSURE TEST DONE (EVERY 4 YRS)		HYDROSTATIC PRESSURE TEST LABEL ON TANK
BULKHEAD/BAFFLE PLATES INTACT & SECURE		MANHOLE COVERS/DOME LIDS FUNCTIONAL
NO OBJECTS PROJECT BEYOND VEHICLE END		REAR BUMPER PROTECTS PIPES/TANK PROPERLY
SIDES RAISED (MINIMUM) 600mm FOR 200L DRUMS		LOAD SECURED BY 2 METAL CHAINS AT REAR
<b>TANK MARKING</b>		
COMPLIES WITH SABS 1398		MANUFACTURER'S NAME VISIBLE
TANK SERIAL NUMBER VISIBLE		DATE OF MANUFACTURE VISIBLE
COMPARTMENT TANK CAPACITY VISIBLE (LITRES)		INITIAL TEST DATE VISIBLE
<b>PUMP/AUXILLIARY POWER SOURCE HOSES</b>		
POWER SOURCE FUNCTIONAL		PUMP PROTECTED FROM ACCIDENTAL DAMAGE
ELECTRICAL CONTINUITY HOSES UNDAMAGED		ANTI STATIC COVER HOSES UNDAMAGED
<b>CIRCUIT PROTECTION</b>		
DOUBLE-POLE ISOLATOR SWITCH MARKED		DOUBLE-POLE ISOLATOR SWITCH NEAR BATTERY
DOUBLE-POLE ISOLATOR SWITCH ACCESSIBLE		BATTERY IN COVERED BATTERY BOX
WIRING, CO-AXIAL CABLING UNDAMAGED		JUNCTION BOXES IN GOOD CONDITION
WIRE GUARD OVER COAMING, MANIFOLD LIGHTS		WIRE GUARD OVER ENCLOSURE & LENSE
ELECTRICAL BONDING ENSURES CONTINUITY		2 EARTH POINTS MARKED (ON EACH SIDE)
<b>FIRE FIGHTING EQUIPMENT</b>		
1 x 9kg DCP EXTINGUISHER OUTSIDE CAB		2 x 9kg DCP EXTINGUISHERS ON TRAILER/TANKER
EXTINGUISHERS IN GOOD CONDITION		EXTINGUISHERS SERVICED (WITHIN 12 MONTHS)
<b>SIGNAGE</b>		
HAZCHEM DIAMOND DISPLAYED CLEARLY		HAZCHEM SIGNS ON EACH SIDE OF TANK
HAZCHEM SIGN AT REAR (MIN 1m FROM GROUND)		NO SMOKING SIGN ON EACH SIDE OF TANK
NO SMOKING SIGN AT REAR		NO NAKED FLAME SIGNS (TANK SIDES AND REAR)

CDGBR COMPLIANCE (ALL VEHICLES)	✘	✘
<b>GENERAL COMPLIANCE</b>		
VEHICLE IS ROADWORTHY		OPERATOR CARD DISPLAYED ('G', 'G,D' OR 'D,G')
WARNING DIAMOND & BRACKET ON FRONT		BATTERY COVER IS NON CONDUCTIVE
BATTERY COVER IS WELL VENTILATED		ISOLATOR SWITCH MARKED & ACCESSIBLE
<b>HAZCHEM PLACARDS (3 PER UNIT)</b>		
PLACARD INFORMATION CORRECT & CURRENT		PLACARDS ON RIGHT & LEFT SIDES OF VEHICLE
PLACARDS ON REAR OF VEHICLE		'NO SMOKING' DECALS ON ALL 3 SIDES
'NO OPEN FLAMES' DECALS ON ALL 3 SIDES		'NO CELLPHONES' DECALS ON ALL 3 SIDES

## Continued overleaf

**CDGBR COMPLIANCE (CONT)****FIRE EXTINGUISHERS (2 PER UNIT)**

CORRECT SIZE & TYPE (9Kg DCP)	1 EXTINGUISHER ON EACH SIDE (RIGID VEHICLE)
2 ON EACH UNIT SIDE (VEHICLE COMBINATION)	EXTINGUISHERS STORED UPRIGHT
SERVICE LABEL VISIBLE & CURRENT	EXTINGUISHERS EASILY ACCESSIBLE
EXTINGUISHERS RELEASE QUICKLY	EXTINGUISHERS PRESSURIZED/CHARGED

**DANGEROUS GOODS DOCUMENTS**

DOCUMENTS HAVE HOLDER (ORANGE CONTAINER)	MIXED LOAD COMPATIBILITY CHART PRESENT
TRANSPORT EMERGENCY CARD PRESENT	DANGEROUS GOODS DECLARATION PRESENT
EMERGENCY PROCEDURE PLAN PRESENT	EMERGENCY CONTACT DETAILS PRESENT
ROUTE INSTRUCTIONS/ROUTE PLAN PRESENT	MSDS FILES PRESENT

**PERSONAL PROTECTIVE EQUIPMENT**

ACID RESISTANT OVERALLS	LEATHER GLOVES WORN
SAFETY GLASSES WORN	DUST MASK/RESPIRATOR WORN
SAFETY BOOTS/SHOES WORN	PPE SELECTED BASED ON MSDS INFORMATION
STAFF MEDICALLY FIT (YEARLY MEDICAL)	STAFF MEDICALLY FIT (RECOMMENDED BY MSDS)

**LEGALITY CHECKS (PERMITS, TRAINING etc.)**

DANGEROUS GOODS PERMIT & No. DISPLAYED	EXPLOSIVE PERMIT & No. DISPLAYED
RADIOACTIVE PERMIT & No. DISPLAYED	HAZARDOUS WASTE TRANSPORT No. DISPLAYED
DRIVER HAZCHEM TRAINING CARD AVAILABLE	CREW HAZCHEM TRAINING CARD AVAILABLE
DRIVER'S LISENCE & Pr-DP AVAILABLE	DRIVER'S VALID MEDICAL CERTIFICATE AVAILABLE

**CONTAINER TRANSPORT (22-133 litres)****VEHICLE CHECKS**

REAR CAB WINDOW DOES NOT OPEN	REAR CAB GLASS & FRAME ARE FIRE RESISTANT
TARE MASS & MAX GVM ARE DISPLAYED	VEHICLE HAS VALID CERTIFICATE OF FITNESS
ORANGE 'DOCUMENTS' FOLDER IS PRESENT	DOCUMENT FOLDER EASILY ACCESSIBLE IN CAB
EXHAUST OUTLET 1m(MIN) FROM CONTAINERS	EXTINGUISHERS PRESSURIZED/CHARGED

**PLACARDS/WARNINGS**

ORANGE WARNING DIAMOND AT FRONT	DIAMOND IS 250x250mm (OR 100x100mm)
CORRECT PLACARDS IN PLACE	PLACARDS 700x400mm(HMV)/350x200mm (LDV)
PLACARDS UNDAMAGED & UNOBSTRUCTED	PRODUCT IDENTIFICATION NUMBERS DISPLAYED
OPERATOR/SPECIALIST PHONE NUMBERS AVAILABLE	PRIMARY HAZARD CLASS DIAMOND DISPLAYED
SINGLE/MIXED LOAD INFO DISPLAYED	SUBSIDIARY CLASS DIAMOND ON SIDES & REAR
CLASS INFO DISPLAYED	NO SMOKING/ NAKED LIGHTS SIGNS DISPLAYED

**BATTERY**

BOX COVER/TERMINALS FULLY INSULATED	4 POLE ISOLATER SWITCH EASILY ACCESSIBLE
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**FIRE EXTINGUISHERS**

2 x 9Kg DCP EXTINGUISHERS EASILY ACCESSIBLE	MOUNTING BRACKET HANDLES WEIGHT
EXTINGUISHERS SERVICED & IN GOOD CONDITION	ALL SEALS IN PLACE (NO TAMPERING)

**CONTAINER STORAGE**

CONTAINERS SUFFICIENTLY RESTRAINED	MIXED LOADS HAVE SEPERATED, VENTILATED AREAS
CONTAINMENT AREA SUFFICIENTLY VENTILATED	CONTAINERS MAX 75% OF CONTAINMENT AREA
FLOOR COVERED WITH RUBBER/WOOD MAT	CONTAINERS SECURED BEFORE TRANSPORT
OVERLOADING PRECAUTIONS TAKEN	RUBBER MAT USED WHEN OFFLOADING

INSPECTOR  
SIGNATURE

DATE

**Vehicle safety is important! Never rush an inspection**  
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