

ANNEX 1

Draft - model for report on occurrences during the carriage of dangerous goods

Report on occurrences during the carriage of dangerous goods
in accordance with RID/ADR section 1.8.5

INITIAL DRAFT

Company:			
Address:			
.....			
.....			
Contact	name:	Telephone:
Fax:		

(The competent authority shall remove this cover sheet before forwarding the report)

1. Mode		
<input type="checkbox"/> Rail	<input type="checkbox"/> Road	
Location accident		
<input type="checkbox"/> Country: <input type="checkbox"/> Town: <input type="checkbox"/> Department: GPS location <input type="checkbox"/> Latitude: <input type="checkbox"/> Longitude: <input type="checkbox"/> Est: <input type="checkbox"/> West:		
Context :		
<u>Weather conditions</u> Temperature: °C <input type="checkbox"/> Dry, clear <input type="checkbox"/> rain <input type="checkbox"/> snow <input type="checkbox"/> fog, mist, smoke <input type="checkbox"/> sleet, hail <input type="checkbox"/> Thunder storm <input type="checkbox"/> unknown <input type="checkbox"/> Other...	<u>Surface conditions</u> <input type="checkbox"/> Dry <input type="checkbox"/> snow, frost, ice, slush <input type="checkbox"/> slippery <input type="checkbox"/> wet, damp <input type="checkbox"/> flood <input type="checkbox"/> unknown <input type="checkbox"/> Other	<u>Light conditions</u> <input type="checkbox"/> Daylight <input type="checkbox"/> Twilight <input type="checkbox"/> darkness street light lit <input type="checkbox"/> darkness street light unlit
<u>Infrastructure</u> <input type="checkbox"/> Built-up area <input type="checkbox"/> Open road <input type="checkbox"/> Line category (track category) <input type="checkbox"/> Marshalling yards <input type="checkbox"/> Multimodal platform <input type="checkbox"/> Single track <input type="checkbox"/> Multiple Track (more than 1) <u>Topography:</u> <input type="checkbox"/> entrance /exit of the tunnel <input type="checkbox"/> bridge (on a) <input type="checkbox"/> under the bridge	<u>Infrastructure</u> <input type="checkbox"/> Straight road <input type="checkbox"/> Curve road <input type="checkbox"/> S – curve road <input type="checkbox"/> Entrance/ exit ramps <input type="checkbox"/> Level crossing <input type="checkbox"/> Round about <input type="checkbox"/> Tunnel (inside the) <u>Topography:</u> <input type="checkbox"/> entrance /exit of the tunnel <input type="checkbox"/> bridge (on a) <input type="checkbox"/> under the bridge	
Vehicle and dangerous good contained		
<u>Total number of vehicles/wagons involved</u>		
(For each vehicle/wagon involved, indicate information about the DG contained and the vehicle)		
<input type="checkbox"/> UN number: <input type="checkbox"/> Name of the dangerous good: <input type="checkbox"/> Class: <input type="checkbox"/> Packaging group: <input type="checkbox"/> Tunnel code: <input type="checkbox"/> Total quantity of dangerous good carried (estimated) per UN number: <input type="checkbox"/> Particular arrangements:..		

<input type="checkbox"/> Register Number : <input type="checkbox"/> Train Composition : <input type="checkbox"/> Position of the vehicle(s) in the train : <input type="checkbox"/> Of those, total number of DG transport unit(s) : <input type="checkbox"/> Locomotive Register Number :	<input type="checkbox"/> Register Number <u>Unit Transport type/ Dangerous good vehicle shape</u> <input type="checkbox"/> Vehicle with trailer or semi-trailer <input type="checkbox"/> Vehicle without trailer or semi-trailer <input type="checkbox"/> Road Train <input type="checkbox"/> Light DGV
<u>Wagon type</u> <input type="checkbox"/> Wagon <input type="checkbox"/> Tank wagon <input type="checkbox"/> Battery wagon <input type="checkbox"/> Closed wagon <input type="checkbox"/> Open Wagon <input type="checkbox"/> Sheeted wagon <u>Tank type:</u> Tank Code: <input type="checkbox"/> vacuum-operated waste tanks <input type="checkbox"/> MGEC <input type="checkbox"/> Fixed Tank <input type="checkbox"/> Portable tank <input type="checkbox"/> Demontable tank <input type="checkbox"/> Tank container <input type="checkbox"/> Tank swap bodies <u>Packaging type:</u> <input type="checkbox"/> Packaging <input type="checkbox"/> Large packaging <input type="checkbox"/> Intermediate packaging container (IBC) <input type="checkbox"/> Pressure receptacle <u>Bulk type:</u> <input type="checkbox"/> BK 1 <input type="checkbox"/> BK 2 <input type="checkbox"/> BK3 <input type="checkbox"/> VC1 <input type="checkbox"/> VC2 <input type="checkbox"/> VC3	<u>Vehicle Type</u> <input type="checkbox"/> Closed Vehicle <input type="checkbox"/> Sheeted Vehicle <input type="checkbox"/> Open Vehicle (side boards) <input type="checkbox"/> Dump Truck <u>Tank type:</u> Tank Code: <input type="checkbox"/> vacuum-operated waste tanks <input type="checkbox"/> MGEC <input type="checkbox"/> Fixed Tank <input type="checkbox"/> Portable tank <input type="checkbox"/> Demontable tank <input type="checkbox"/> Tank container <input type="checkbox"/> Tank swap bodies <u>Packaging type:</u> <input type="checkbox"/> Packaging <input type="checkbox"/> Large packaging <input type="checkbox"/> Intermediate packaging container (IBC) <input type="checkbox"/> Pressure receptacle <u>Bulk type:</u> <input type="checkbox"/> BK 1 <input type="checkbox"/> BK 2 <input type="checkbox"/> BK3 <input type="checkbox"/> VC1 <input type="checkbox"/> VC2 <input type="checkbox"/> VC3
<u>Means of containment material:</u> <input type="checkbox"/> Steel <input type="checkbox"/> Aluminum <input type="checkbox"/> wood <input type="checkbox"/> Carton <input type="checkbox"/> Plywood <input type="checkbox"/> Plastic film <input type="checkbox"/> Metal <input type="checkbox"/> Paper <input type="checkbox"/> Plastic <input type="checkbox"/> Textile <input type="checkbox"/> glass	
Description of the occurrence	

<ul style="list-style-type: none"> <input type="checkbox"/> derailment rail <input type="checkbox"/> wrong line in rail <input type="checkbox"/> rolling over: <input type="checkbox"/> left side <input type="checkbox"/> right side <input type="checkbox"/> drop from a height <input type="checkbox"/> Collision Speed (estimated): Crash type: <ul style="list-style-type: none"> <input type="checkbox"/> head on collision <input type="checkbox"/> left front <input type="checkbox"/> center front <input type="checkbox"/> right front <input type="checkbox"/> right side <input type="checkbox"/> left side <input type="checkbox"/> rear end collision <input type="checkbox"/> right rear <input type="checkbox"/> center rear <input type="checkbox"/> left rear Collision against fixed obstacle <ul style="list-style-type: none"> <input type="checkbox"/> Parked vehicle <input type="checkbox"/> Bridge pillars <input type="checkbox"/> Safety barrier <input type="checkbox"/> Stone Rock mountain side <input type="checkbox"/> Other permanent object <input type="checkbox"/> submerged in water Collision against moving obstacle <ul style="list-style-type: none"> <input type="checkbox"/> Train <input type="checkbox"/> Track maintenance machine <input type="checkbox"/> passenger road vehicle (bus, trolley bus, tram) <input type="checkbox"/> damage type (imminent risk of loss of product) <ul style="list-style-type: none"> <input type="checkbox"/> bent <input type="checkbox"/> Failed to operate <input type="checkbox"/> gouged or cut <input type="checkbox"/> ripped or torn <input type="checkbox"/> torn off or damaged <input type="checkbox"/> vented 	<ul style="list-style-type: none"> <input type="checkbox"/> Leaving the road <input type="checkbox"/> Lane departure <input type="checkbox"/> rolling over: <input type="checkbox"/> left side <input type="checkbox"/>right side <input type="checkbox"/> jack-knifing <input type="checkbox"/> drop from a height <input type="checkbox"/> Collision Speed(estimated): Crash type: <ul style="list-style-type: none"> <input type="checkbox"/> head on collision <input type="checkbox"/> left front <input type="checkbox"/> center front <input type="checkbox"/> right front <input type="checkbox"/> right side <input type="checkbox"/> left side <input type="checkbox"/> rear end collision <input type="checkbox"/> right rear <input type="checkbox"/> center rear <input type="checkbox"/> left rear Collision against fixed obstacle <ul style="list-style-type: none"> <input type="checkbox"/> Parked vehicle <input type="checkbox"/> Bridge pillars <input type="checkbox"/> Safety barrier <input type="checkbox"/> Stone Rock mountain side <input type="checkbox"/> Other permanent object <input type="checkbox"/> submerged in water Collision against moving obstacle <ul style="list-style-type: none"> <input type="checkbox"/> Vehicle <input type="checkbox"/> passenger road vehicle (bus, trolley bus, tram)
<p><u>Leakage:</u> <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Place of leakage</p> <ul style="list-style-type: none"> <input type="checkbox"/> cylinder valve <input type="checkbox"/> flange <input type="checkbox"/> gauging device <input type="checkbox"/> hose adaptor or coupling <input type="checkbox"/> inlet (loading) valve <input type="checkbox"/> inner packaging <input type="checkbox"/> inner receptacle 	<ul style="list-style-type: none"> <input type="checkbox"/> loading/ unloading lines <input type="checkbox"/> piping or fittings <input type="checkbox"/> pressure relief valve <input type="checkbox"/> sample line <input type="checkbox"/> tank shell <input type="checkbox"/> vacuum relief valve <input type="checkbox"/> vent <input type="checkbox"/> weld or seam <input type="checkbox"/> bursting disk

Dangerous phenomena

- absence of dangerous phenomena
- Fire (BLEVE, TORCH,...) Yes No

Location

- Tractor Cab
- Road tractor
- Tyres/ trailer axle
- Tank – trailer
- Trailer – semi trailer
- Transport unit
- Vapour cloud

- | | |
|--|---|
| <ul style="list-style-type: none"> <input type="checkbox"/> explosion without fire <input type="checkbox"/> Over pressurized inside the tank / packaging <input type="checkbox"/> Other | <ul style="list-style-type: none"> <input type="checkbox"/> explosion with fire <input type="checkbox"/> Tank <input type="checkbox"/> Pressure receptacle <input type="checkbox"/> Other packaging |
|--|---|

Cause of occurrence**Technical fault:**

- Electrical system failure
- mechanical system failure
- broken component or device
- defective component or device
- missing component or device
- Tyre
- brake system failure
- abrasion
- exterior corrosion
- interior corrosion
- Damaged lining
- Other

Related to DG carried

- incompatible products
- incompatible material of the containment with the product carried
- self-ignition
- polymerization

Faulty load securing:

- improper securing arrangement
- inadequate blocking and bracing

Related to procedure

- improper preparation for transport
- inadequate maintenance
- inadequate procedures
- overfilled
- over pressurized
- valve open

Human causes:

- effect of alcohol
- effect of narcotic
- medical treatment/unwell feeling
- excessive speed
- lack of experience
- inattention
- sleepiness
- careless driving
- loss of control over the DGV (despite the observation of speed limit)
- loss of control (non specified)
- non compliance with procedures
- inadequate training
- other

<ul style="list-style-type: none"> <input type="checkbox"/> External causes <input type="checkbox"/> Dershunting <input type="checkbox"/> weather conditions <input type="checkbox"/> Other <input type="checkbox"/> Infrastructure causes: <ul style="list-style-type: none"> <input type="checkbox"/> Track failure (broken rail...) <input type="checkbox"/> Disorder engineering structure (bridge, viaduct...) <input type="checkbox"/> Disorder earthwork (embankment, trenches) <input type="checkbox"/> Fixed installation fire <input type="checkbox"/> Open level crossing <input type="checkbox"/> Track failure (broken rail...) <input type="checkbox"/> Control and command (specify): <input type="checkbox"/> Rolling stock (specify): <input type="checkbox"/> Exploitation – traffic management (specify): 	<ul style="list-style-type: none"> <input type="checkbox"/> External causes <ul style="list-style-type: none"> <input type="checkbox"/> Slippery / wet road <input type="checkbox"/> weather conditions <input type="checkbox"/> narrow road <input type="checkbox"/> Other
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Consequences

<p>Death and injury in DG company personal:</p> <p>Injured (number):</p> <p>Death (number):</p> <p>Number of victims caused by DG</p> <p>Death (number) :</p> <p>Injured (number):</p> <ul style="list-style-type: none"> <input type="checkbox"/> Traumatic <input type="checkbox"/> Intoxicated <input type="checkbox"/> Burned <input type="checkbox"/> Radiation <p><u>Material/environment damage :</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> Air pollution <input type="checkbox"/> Water pollution <input type="checkbox"/> Soil pollution <input type="checkbox"/> Estimated quantity of loss products (kg/l): ... <input type="checkbox"/> Estimated level of damage ≤ 50 000 <input type="checkbox"/> Estimated level of damage ≥ 50 000 <p><u>Involvement of authorities:</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> Evacuation of persons for a duration of at least 3 hours <input type="checkbox"/> Closure of public traffic routes for a duration of at least 3 hours 	<p>Death and injury third party and public:</p> <p>Injured (number):</p> <p>Death (number):</p> <p>Number of victims caused by DG</p> <p>Death (number) :</p> <p>Injured (number):</p> <ul style="list-style-type: none"> <input type="checkbox"/> Traumatic <input type="checkbox"/> Intoxicated <input type="checkbox"/> Burned <input type="checkbox"/> Radiation
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DRAFT MODIFIED AND COMMENTED BY THE WORKING GROUP

Modified parts are in italic bold underlined red

COMMENTS are in bold with grey highlight

COMMENT: add identification number of the report (according to Cor system) :.....

Company:	
Address:	
Contact name:	Telephone:
Fax:	

(The competent authority shall remove this cover sheet before forwarding the report)

COMMENT Appropriate cases to be added here in order to describe the function of the company (carrier, loader ...)

1. Mode		
<input type="checkbox"/> Rail	<input type="checkbox"/> Road	
Location and time of accident		
<input type="checkbox"/> Country: <input type="checkbox"/> Town: <input type="checkbox"/> Region, if applicable:		<input type="checkbox"/> <u>Time:</u>
<u>GNSS positioning (reference INF26 p:30)</u>		
<input type="checkbox"/> Latitude: <input type="checkbox"/> Longitude: <input type="checkbox"/> East: <input type="checkbox"/> West:		
Context :		
<u>Nature of operations (INF 26 Annex II P:31 Cor system):</u> <input type="checkbox"/> <u>Parking</u> <input type="checkbox"/> <u>Carrying</u> <input type="checkbox"/> <u>Loading</u> <input type="checkbox"/> <u>Unloading</u> <input type="checkbox"/> <u>Weather conditions</u> Temperature: °C <input type="checkbox"/> Dry, clear <input type="checkbox"/> Rain <input type="checkbox"/> Snow <input type="checkbox"/> Fog, mist, smoke <input type="checkbox"/> Sleet, hail <input type="checkbox"/> Thunder storm <input type="checkbox"/> <u>High winds</u> <input type="checkbox"/> Unknown <input type="checkbox"/> Other	<u>Surface conditions</u> <input type="checkbox"/> Dry <input type="checkbox"/> Snow, frost, ice, slush <input type="checkbox"/> Slippery <input type="checkbox"/> Wet, damp <input type="checkbox"/> Flood <input type="checkbox"/> Unknown <input type="checkbox"/> Other	<u>Light conditions</u> <input type="checkbox"/> Daylight <input type="checkbox"/> Twilight <input type="checkbox"/> Darkness street lighting <input type="checkbox"/> Darkness no street lighting
<u>Infrastructure</u> <u>Gradient (if known, the estimated value):</u> <u>Could be here or under a section entitled "topography".</u> <u>Environment:</u> <input type="checkbox"/> <u>Parking place</u> <input type="checkbox"/> <u>Urbanisation (section 4 risk estimation guide)</u> <input type="checkbox"/> COMMENT Line category (codification to be agreed): <input type="checkbox"/> Open line <input type="checkbox"/> Station/Terminal <ul style="list-style-type: none"> <input type="checkbox"/> Station or siding <input type="checkbox"/> (Shunting/)Marshalling yard <input type="checkbox"/> Single track <input type="checkbox"/> Multiple Track (more than 1)	<u>Infrastructure</u> <u>Gradient (if known, the estimated value):</u> <u>Could be here or under a section entitled "topography".</u> <u>Environment:</u> <input type="checkbox"/> <u>Parking place</u> <input type="checkbox"/> <u>Urbanisation (section 4 risk estimation guide)</u> <input type="checkbox"/> <u>Type of road</u> COMMENT check Cadas, specify the type: for example high-way....) <u>Description of the road:</u> <input type="checkbox"/> Straight road <input type="checkbox"/> Curved road	

<p><u>Tunnel:</u></p> <p><input type="checkbox"/> <u>entry area</u></p> <p><input type="checkbox"/> <u>on/inside</u></p> <p><input type="checkbox"/> <u>exit area</u></p> <p><input type="checkbox"/> Level crossing</p>	<p><input type="checkbox"/> S – curve road</p> <p><input type="checkbox"/> Entrance/exit ramps</p> <p><input type="checkbox"/> Level crossing</p> <p><input type="checkbox"/> Roundabout</p> <p><u>Tunnel:</u> <u>Category:</u></p> <p><u>- entry area</u></p> <p><u>- on/inside</u></p> <p><u>- exit area</u></p> <p><u>Bridge:</u></p> <p><input type="checkbox"/> <u>bridge (on a)</u></p> <p><input type="checkbox"/> <u>under the bridge</u></p> <p>Is it relevant to specify the number of lanes (one, two three lanes (with central barrier, without central barrier)</p>
<p>Vehicle and dangerous good contained</p> <p><u>Total number of vehicles/wagons involved</u></p> <p>(For each vehicle/wagon involved, provide information about the DG contained and the vehicle)</p>	
<p><input type="checkbox"/> UN number(s) <u>COMMENT check how to link the UN number and the containment be checked</u></p> <p><input type="checkbox"/> Name of the dangerous good(s):</p> <p><input type="checkbox"/> Class:</p> <p><input type="checkbox"/> Packing group:</p> <p><input type="checkbox"/> Total quantity of dangerous good carried (estimated) per UN number:</p> <p><input type="checkbox"/> Particular arrangements:</p>	
<p><input type="checkbox"/> <u>Unique vehicle number</u> [could be transferred to the confidential part of the report]:</p> <p><input type="checkbox"/> <u>Train Number:</u></p> <p><input type="checkbox"/> Total number of wagons in the train:</p> <p><u>Involved wagons :</u></p> <p><input type="checkbox"/> Position of involved wagons(s) in the train :</p> <p><input type="checkbox"/> Of those, total number of dangerous goods wagons:</p> <p><input type="checkbox"/> Locomotive Registration Number :</p>	<p><input type="checkbox"/> <u>Vehicle Identification Number</u> [could be transferred to the confidential part of the report]:</p> <p><u>Unit Transport type/Dangerous good vehicle shape</u></p> <p><input type="checkbox"/> Towing vehicle with trailer or semi-trailer</p> <p><input type="checkbox"/> Towing vehicle without trailer or semi-trailer</p> <p><input type="checkbox"/> Road train</p> <p><input type="checkbox"/> Light DGV</p>

Wagon type

- Wagon
- Tank-wagon
- Battery-wagon
- Closed wagon
- Open wagon
- Sheeted wagon

Tank type:

Tank Code:

- Vacuum-operated waste tank
- MEGC
- Fixed tank
- Portable tank
- Demountable tank
- Tank-container
- Tank swap bodies

Packaging type:

Packaging code:

- Packaging
- Large packaging
- Intermediate bulk container (IBC)
- Pressure receptacle

Bulk type:

- BK 1
- BK 2
- BK 3
- VC 1
- VC 2
- VC 3

Vehicle Type

- Closed vehicle
- Sheeted vehicle
- Open vehicle (side boards)

Tank type:

Tank Code:

- Vacuum-operated waste tank
- MEGC
- Fixed tank
- Portable tank
- Demountable tank
- Tank-container
- Tank swap bodies

Packaging type:

Packaging code:

- Packaging
- Large packaging
- Intermediate bulk container (IBC)
- Pressure receptacle

Bulk type:

- BK 1
- BK 2
- BK 3
- VC 1
- VC 2
- VC 3

Means of containment material:

- Steel
- Aluminum
- wood
- Fibreboard**
- Plywood
- Plastic film
- Metal
- Paper
- Plastic
- Textile
- Glass

COMMENT Is it necessary to list the materials if the packing code is shown first?

Description of the occurrence

- Rolling over:
 - On the track outside the track
- Drop from a height
- Derailment
-

- Collision Speed (estimated):
- Crash type:**
 - Head on collision
 - Left front
 - Centre front
 - Right front
 - Right side
 - Left side
 - Rear end collision
 - Right rear
 - Centre rear
 - Left rear

- Collision against fixed obstacle:
- Bridge pillars
 - Obstacles outside clearance gauge
 - Other permanent object
 - Submerged in water
 - Buffer-stop
 - Overhead contact lines

- Collision with objects temporarily present on and near track
- Rocks/landslides/trees
 - Lost parts of (railway) vehicles
 - Lost or displaced loads
 - Other

- Collision with vehicle
- Train/railway vehicle
 - Track maintenance equipment
 - Road vehicle
 - Moving
 - Stationary

- Rolling over:
 - On the road outside the road
- Drop from a height
- leaving the road
- lane departure (does not exist in CADAS/CARE)
- Jack-knifing (relevant?)
- Tyre Fire?
- Blow-out

- Collision Speed(estimated):
- Crash type:**
 - Head on collision
 - Left front
 - Centre front
 - Right front
 - Right side
 - Left side

COMMENT Sides potentially relevant for road (in connection with the information on left-hand/right-hand side driving legislation in place). Not in rail (where no national regulations on running direction on two track lines exist and it even differs within countries)

- Rear end collision
- Right rear
- Centre rear
- Left rear

- Collision against fixed obstacle :
- Bridge pillars
 - Safety barrier
 - Stone or rock mountain side
 - Other permanent object
 - Submerged in water

- Collision with objects temporarily present on and near road
- Rocks/landslides/trees
 - Lost parts of (railway) vehicles
 - Lost or displaced loads
 - Other

- Collision with vehicle
- Vehicle
 - Moving
 - Stationary

Damage type (imminent risk of loss of product):

- Bent
- failed to operate **COMMENT does not seem to be the logical place for this)**
- Gouged or cut
- Ripped or torn
- Torn off or damaged
- Vented

Leakage Yes No

Place of leakage

- Cylinder valve
- Flange
- Gauging device
- Hose adaptor or coupling
- Inlet (loading) valve
- Inner packaging
- Inner receptacle

- Loading/ unloading lines
- Piping or fittings
- Pressure relief valve
- Sample line
- Tank shell
- Vacuum relief valve
- Vent
- Weld or seam
- Bursting disk

Dangerous phenomena

Comment:

- ⇒ Release type may be introduced and aligned with the Risk Management Framework
- ⇒ Dangerous phenomena list may be aligned with the Risk Management Framework

Absence of dangerous phenomena

Fire (BLEVE, TORCH,...) Yes No

Location:

- Tractor Cab
- Road tractor
- Tyres/ trailer axle
- Tank – trailer
- Trailer – semi trailer
- Transport unit

- Vapour cloud

- Explosion without fire
- Over pressurized inside the tank / packaging
- Other

- Explosion with fire
- Tank
- Pressure receptacle
- Other packaging

Cause of occurrence

COMMENT This part is partly mode specific or generic
The mode specific part must be aligned with applicable modal legislation
For taxonomy see COR p 34 to 40

Technical fault on vehicle:

- Electrical system failure
- Mechanical system failure
- Broken component or device
- Defective component or device
- Missing component or device
- Wheel/tyre
- Braking system failure
- Abrasion
- Exterior corrosion
- Interior corrosion
- Damaged lining
- Coupling failure (rail)
- Engine failure
- Axle failure (rail)
- Other

Related to DG carried

- Incompatible products
- Incompatible material of the containment with the product carried
- Self-ignition
- Polymerization

Faulty load securing:

- Improper securing arrangement
- Inadequate blocking and bracing

Related to procedure

- Improper preparation for transport
- Inadequate maintenance
- Inadequate procedures
- Overfilled
- Over pressurized
- Valve open

Human causes:

- Deliberate action
- Effect of alcohol
- Effect of narcotic drugs
- Medical emergency / drug therapy
- Excessive speed
- Lack of experience
- Inattention
- Sleepiness
- Carelessness (driving, manoeuvring)**
- Loss of control over the vehicle (despite observation of speed limit)**
- Loss of control (not specified, road only)**

(COMMENT more explanation is needed)

- Non compliance with procedures
- Inadequate training
- Other

Technical fault on fixed installation (rail only)

Broken rail

- Track buckle and other track misalignment
- Wrong-side signalling (infrastructure) failure
- Switch and crossing failure
- Failure of the level crossing equipment
- Disorder of earthworks/embankment failure
- Power supply equipment failure
- Train detection equipment failure
- Overhead contact line failure
- Fire on fixed installation
- Other (technical failures of fixed installations)
- Structures failure
 - Tunnel failure
 - Viaduct failure
 - Culvert failures
 - Rail bridge structural failure overline bridge (e.g. pedestrian) failure
 - Station structure failure
 - Platform failure

- External causes
 - Weather conditions
 - Rock/stone fall
 - Landslides
 - Earthquake
 - Vegetation
 - Other

- External causes
 - Slippery / wet road
 - Weather conditions
 - Narrow road
 - Other

Consequences

Death of or injury to DG company personnel:

- Injured (total number):
- Number of days hospitalisation:**
Need to specify?
 - Serious injury (Abbreviated Injury Scale (AIS) > 3)**
 - Minor injury (AIS < 3)**

Nature of injury:

- Traumatic
- Intoxicated
- Burned
- Radiation

Death (number):

Number of victims caused by DG

Injured (total number):

- Number of days hospitalisation:**
Need to specify?
 - Serious injury (AIS>3)**
 - Minor injury (AIS<3)**

Nature of injury:

- Traumatic
- Intoxicated
- Burned
- Radiation

Death (number):

Death of and injury to third party and public:

Injured (number):

Death (number):

Material/environment damages:

- Air pollution
- Water pollution
- Soil pollution
- Estimated quantity of lost product (kg/l): ...
- Estimated level of damage ≤ 50 000
- Estimated level of damage ≥ 50 000

COMMENT It has been asked why this threshold. Maybe it would be better to specify the amount.

Involvement of authorities:

- No
- Yes

COMMENT nature of authorities should be specified

- Evacuation of persons for a duration of at least 3 hours
- Closure of public traffic routes for a duration of at least 3 hours