DANGEROUS GOODS EXEMPTIONS – RISK ASSESSMENT

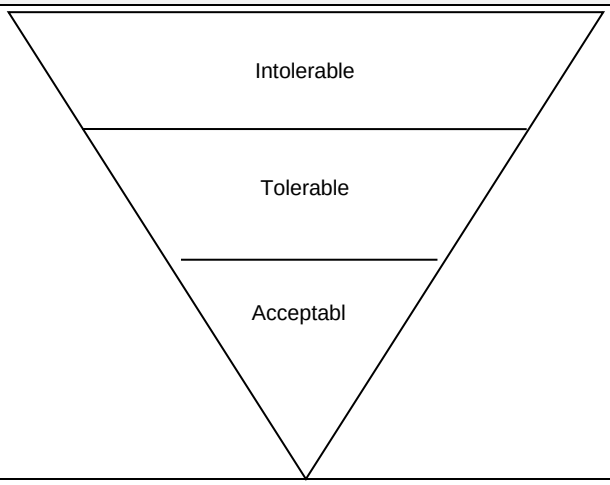
Risk Assessment - Section A	
Name of Operator Transport DG	
Hazard Classification	
UN Number /s	
Class / DIV	
Proper Shipping Name	
Packing Instruction	
Date of Flight – Departure	
Airport of Departure	
Date of Flight Arrival	
Airport of Arrival	
Route	
Hazard List (Cause or Threats)	
Potential Outcome – Associated consequences	
Risk Rating	
Probability	
Severity	
Tolerability	
Risk assessment	
Mitigation (Proposed Mitigation)	
Proposed Mitigation	**Responsible Person**
Ensure extreme caution is exercised when handling goods	
Do not expose Cargo to Heat shock friction	

No	Further Mitigation	Yes / No
1	Dangerous goods must be separated in accordance with separation requirements for Class 1 of the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air	
2	All Dangerous goods must be made accessible during the flight	
3	Carriage by air of the dangerous goods must be on a **Cargo Aircraft Only.**	
4	Only Trained dangerous goods personnel, in terms of ICAO Technical Instruction for the safe transport of Dangerous Goods by air (Table 1-4 / 1-5 / 1-6) must, process, accept, load and off load the dangerous goods	
5	Dangerous Goods being shipped must be packed in certified, valid UN Packaging.	
6	Suitable security measures must be in place to ensure the security of the dangerous goods from the consignor to the airport. Any elected service provider handling the consignment at the point of acceptance must ensure that the dangerous goods and the aircraft are physically guarded until the aircraft is airborne	

No	Further Mitigation	Yes / No
7	The operator must ensure they have adequate insurance to cover the flight.	
8	Ensure that written approval from States of Registry, Transit, Destination and Over-flight on the transport of the mentioned dangerous goods through or over their territories in accordance with Article 35 is obtained	
9	Ensure measures are taken to prevent build-up of electrostatic charge	
10	Keep away from fire, sparks and heated surfaces	
11	DO not expose to extreme temperatures	
12	All other conditions imposed by law for the transport of dangerous goods must be complied with.	
13	Ensure that the Airport approval has been obtained to ensure parking bay away from the public	
14	Ensure that emergency services and ATC of the airport of destination are aware of the flight and its cargo contents.	
15	Ensure that the shortest routing and time are considered to minimise exposure of cargo to general public.	
16	Ensure due consideration for weather en-route and airports of diversion.	

Risk Probability		
Extremely Improbable (Rare)	1	
Improbable (Seldom)	2	
Remote (Unlikely)	3	
Occasional	4	
Frequent	5	
Severity of Occurrence		
Negligible	E	
Incidents (Minor)	D	
Minor Injuries / Slight Damages	C	
Hazardous (Serious Injuries)	B	
Catastrophic (Destruction / Loss of Equip)	A	

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Criteria	Risk Index	Suggested Criteria
	**5A,5B,5C,4A,3A**	Risk is Unacceptable
	5D,5E,4C,4D,4E,3B, 3C,3D,2A,2B,2C	Acceptable based on mitigation
	3E,2D,2E,1A,1B,1C,1D,1E	Risk is acceptable as it stands

Risk Probability		Severity				
		Catastrophic A	**Hazardous B**	**Major C**	**Minor D**	**Negligible E**
Extremely Improbable (Rare)	**1**	1A	1B	1C	1D	1E
Improbable (Seldom)	**2**	2A	2B	2C	2D	2E
Remote (Unlikely)	**3**	3A	3B	3C	3D	3E
Occasional	**4**	4A	4B	4C	4D	4E
Frequent	**5**	5A	5B	5C	5D	5E

Responsible person for risk assessment:

_____ **Signature**_____

Company stamp:

_____ **Date:** _____/_____/_____

(DD) (MM) (YYYY)