

Minimum Requirements for Training Curricula

Aspects of transport of Perishable & Temperature Sensitive Products by air with which they should be familiar, as a minimum	Category of Personal (see key below)								
	1	2	3	4	5	6	7	8	9
General Philosophy <ul style="list-style-type: none"> • Basic Knowledge about temperature requirements and potential damages by too high / low temperatures. • Basic Knowledge about commodity groups (e.g. deep frozen – chilled; respiring – non respiring; pharmaceuticals) • Legal background including: <ul style="list-style-type: none"> -Responsibilities of shipper and carrier -Export and import limitations and requirement 	X	X	X	X	X	X	X		X
Packaging <ul style="list-style-type: none"> • Basic Knowledge on types of packaging including: <ul style="list-style-type: none"> -Mechanical properties -Thermal properties -Use of expendable refrigerants 	X	X	X	X			X		
Acceptance <ul style="list-style-type: none"> • Special Knowledge about commodities handled including: <ul style="list-style-type: none"> -Optimum storage temperature -Air renewal requirements -Optimum air humidity -Special packaging • Checks at acceptance points including: <ul style="list-style-type: none"> -Temperature Measurement on cargo -Proper packaging 	X		X	X					
Stowage & Handling <ul style="list-style-type: none"> • Stowage of PTSP cargo including: <ul style="list-style-type: none"> -Air flow requirements • Hygienic requirements including: <ul style="list-style-type: none"> -Application of cleaning procedures -Waste disposal/Pest control • Temperature Measurement on refrigeration machinery and cold store / cargo compartment • Proper reaction in emergency situations including: <ul style="list-style-type: none"> -Delays/Breakdown of refrigeration -Refrigerant leaks/Reporting in case of accidents, incidents, discrepancies 	X	X	X	X			X		
Loading & Segregation <ul style="list-style-type: none"> • Cargo compatibility including: <ul style="list-style-type: none"> -Respiration and its effects -Odours -Ethylene and its effects -Evaporation and water loss -Segregation between horticultural products 	X	X	X	X	X	X	X		X

Refrigeration <ul style="list-style-type: none"> Basic knowledge about refrigeration machinery including: <ul style="list-style-type: none"> -Properties of refrigerants in use -Air flow distribution/Air renewal -Insulation properties/Defrosting requirements 	X	X	X	X			X		
Documentation <ul style="list-style-type: none"> Documentation including: <ul style="list-style-type: none"> -Cargo manifest / Bills of Loading -Temperature instructions -Governmental requirements -Check lists 	X		X	X					
NOTOC <ul style="list-style-type: none"> Notification to Pilot in command 	X		X		X	X	X	X	
Marking & Labelling <ul style="list-style-type: none"> Marking and labelling of PTSP 	X	X	X	X			X		X

Key

- 1. Management and Administration staff.**
(Cool Chain Manager/Admin)
- 2. Loaders/Transporters of shippers, Shippers agents, including operator's staff acting working in the warehouse.**
(Truck & Trailer)
- 3. Cargo acceptance staff of operators, shippers and agencies acting on behalf of operators.**
- 4. Staff of operators and agencies action on behalf of operators engaged in the ground handling, storage and loading of cargo.**
(Store keeper/Ware house In charge in Long term storage and short term storage facilities)
- 5. Aircraft handling Staff.**
(Load masters/planners/Dispatcher/Red Caps)
- 6. Apron/Ramp Staff.**
(Loading team leader/Ramp supervisor/Ramp agent)
- 7. Staff of Operators, shippers and agencies involved in customer services.**
(Booking agents/Reservation in charge/Call centre staff)
- 8. Flight Deck crew members.**
- 9. Drivers.**
(Folk lift operators/Ramp drivers)

Note:

Depending on the responsibilities of the person, the aspects of training to be covered may vary from those shown in this Table – e.g. It may be more appropriate for a packer to cover aspects with which a shipper should be familiar.