Luxair CARGO

LuxairCARGO   Pharma & Healthcare Center

Realisation of the project

Infrastructure and integrated services make LuxairCARGO the leading independent cargo handling agent in Europe

AC parking / ramp handling by Luxair CARGO

Logistics Center (Forwarders) on site

Warehouse next to runway

Direct access to European Highway E44

The Infrastructure in place…

- Total site: 293 mio sqm

- Warehouse: 85.500 sqm

- Outsized cargo: 7.400 sqm covered

- Cargo A/C positions: 8 Widebody

- ULD storage capacity: 1.664

- Build-up/break down stations: 100

- Truck docks: 113

- Capacity: 1.000.000 tons/year

..is owned and operated exclusively by LuxairCARGO

LuxairCARGO already offers unique integrated cargo handling services for carriers and forwarders

Ramp handling by LuxairCARGO

- Minimal A/C turnaround times

- 8 WB parking positions under own control

- Aircraft positions next to the warehouse (only 108 meters from aircraft to truck)

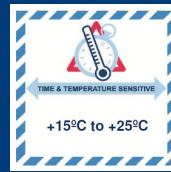- B747-8F ready and launch customer base

Warehouse and truck handling for carriers and shippers/consignee by LuxairCARGO

- Short transit times to European destinations

- Direct deliveries for important customers

- E-freight and Cargo 2000 member

LuxairCARGO provides specialized cargo handling facilities and highest level of expertise

- Temperature-controlled environment for pharmaceuticals, PER, etc.
- TAPA-certified valuable cargo handling
- IATA trained dangerous goods handling
- Renown specialist for outsized cargo for regular cargo A/C
- Licensed meat handling station
- Fresh flower handling incl. vacuum cooler
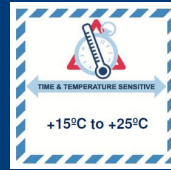- Licensed live animal station with veterinary inspection in-house
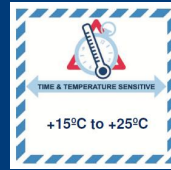
Temperature Controlled Distribution

The Issue

« Control of storage and transportation temperatures is

essential in maintaining the quality of pharmaceutical and

healthcare products and in helping to protect patients from

sub-standard or ineffective medicines that may result

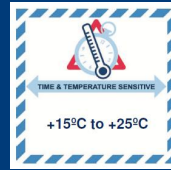from inadequate control »

(vox customer)

Why Has This Become an Issue ?

- Increasing volumes of temperature-sensitive products

- Increasing reliance on global distribution networks to satisfy the market

- Increasing awareness by distributors that lack of control of storage and transportation temperatures bears high risks and may have major impact on product quality

- Increased surveillance by regulators

Organisations involved in the distribution of
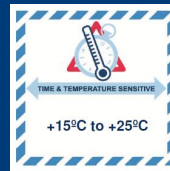pharmaceutical products should adopt a culture that
focuses on:

- Assure utmost protection for the patient
- ensuring the quality of the products handled
- satisfying customer requirements
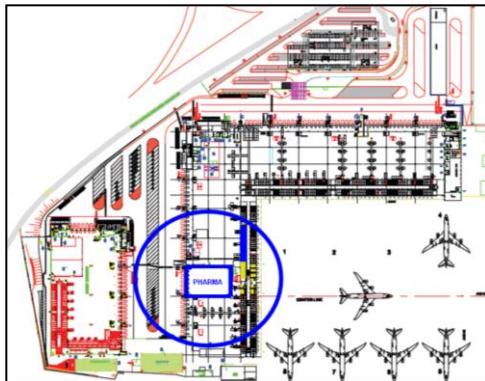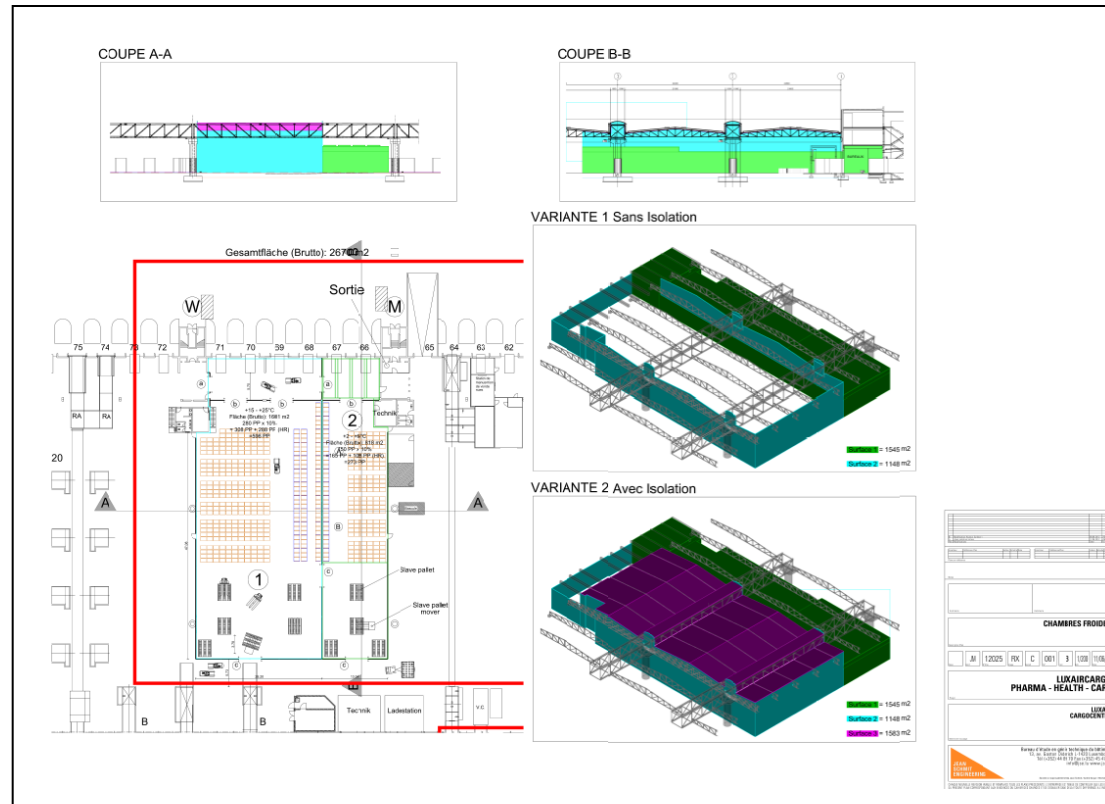
Good Distribution Practice in Perfection

Standards of good distribution practice (GDP) are

applied to ensure that the high level of product quality achieved

by observing good manufacturing practice is maintained throughout

the distribution network

- High Level of Storage Quality meets High Level of Product Quality

- High Level of Handling Quality meets High Risk Products

- High Accuracy Temperature and Humidity Sensing Performance meets High Sensitive Products
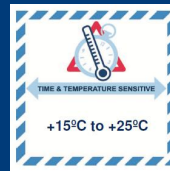
Pharma & Healthcare Center

Pharma & Healthcare Center area	3000m2
'Ambient' Temperature area 15 to 25C	1600m2
'Cool' temperature area 2 to 8C	820m2
'Frozen' temperature area -20 to -15C	30m2
30 temperature control ULD positions	350m2
Cool container area	200m2
Truck docks 'Ambient' temperature area	4
Truck docks 'Cool' temperature area	2

LuxairCARGO Center

LuxairCARGO
Pharma & Healthcare Center

Compliance: EU-GMP 2011 / WHO no. 958

Access limited

Competent personnel

Short distances: Truck to Aircraft < 150m

Seperate area 'Ambient' temperature

Seperate area 'Cool' temperature

Seperate area 'Frozen' temperature

Segregated areas for rejected, recall and return materials

Seperate area for highly active, hazardous and narcotic materials

Seperate area for handling of Active Temperature Control Containers

Seperate temperature control ULD positions

Screening and Securing of cargo inside the area

Temperature controlled truck docks

Temperature-Tracking & Reporting

2 independent automated temperature monitoring systems

Failsafe Alarm System

Cold Chain Emergencies: Documented Contigency Plan