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1. Scope and Purpose

The scope of this document is to provide guidance for packing and handling activities during transport and storage.

The purpose of this document is to ensure suitable and adequate packing protection during transportation and storage of all equipment manufactured by Burckhardt Compression or its subsidiaries (hereinafter called BCx) or by its appointed suppliers.

The document has been revised and revision "H" replaces all previous versions.

2. Definitions

BCAG	Burckhardt Compression AG, Head office in Winterthur, Switzerland
BCx	Burckhardt Compression Subsidiaries
CLIENT	The company with whom the Sales Order for the equipment and/or material supply is placed
SUPPLIER	The company with whom the Purchase Order for the equipment and/or material supply is placed
PACKAGE (or Packaging or Packing Unit)	Any outside container such as a wooden case, crate, carton, barrel, drum, bundle or other such facility used to enclose or protect the items in transit and/or storage and during transportation.

PACKING	All activities related to the preparation, preservation and protection of the goods purchased to prevent loss or damage along the transport chain (by road, rail, air or ocean) and storage for 24 months after date packed.
OSB	Oriented strand board
EQUIPMENT	All types of compressors, auxiliary material, including piping material, tubes, electrical components, spare parts, special tools, etc.
CARGO	Packed equipment
GENERAL CARGO	Cargo of which weight is less than 20 tons and not exceeding 11.5 m in length, 2.2 m in width and 2.2 m in height
HEAVY CARGO	Cargo of which weight is over 20 metric tons per package
OVER DIMENSION CARGO (ODC):	Cargo of which one of the dimensions of a package exceeds that of general cargo
WATERPROOF	Offers the highest level of protection from water
WATER-RESISTANT	Able to resist the penetration of water to some degree, but not entirely. After a period of exposure, or a certain amount of pressure, water will either soak the package or seep through.
OUTDOOR STORAGE	Under a roof, sheltered and on a paved, drained floor

3. Responsibility

It is clients's and/or supplier's responsibility to comply with the requirements of these instructions and all specifications and procedures referenced herein.

Only when all inspections/maintenance has been carried out and recorded according to the requirements stipulated herein, the packaging can be guaranteed for the prescribed period. Burckhardt Compression cannot be held liable for any damaged parts caused by improper handling of goods or failure to comply with outer packing preservation requirements as described herein.
This also applies to any damage that may occur during the period of warranty, as a result of such damaged parts.

4. Package

4.1 General

The purpose of packages is to protect the equipment during transport and storage, and to ensure a correct and safe loading, lashing and securing of the cargo in the different means of transportation.

- Equipment shall be protected against mechanical damage (caused amongst others by shocks, rupture, breakage, etc.).
- Packing activities include corrosion protection for the outer package only to minimize damages from atmospheric interferences (rain, humidity, moisture, salty environment) during shipment, handling and intermediate storage. Refer to chapter 7 of this document.
- The package is designed to withstand a load equal to 150 percent of its gross weight stacked on top. In case stacking of packages is not possible, it will be marked with the cargo symbol "not stackable". Refer to Attachment D, No. 9. Additionally, there will be a remark on the packing list. Refer to Attachment B, first sector.
- Parts for every machine shall be packed in separate cases.
- Spare parts for every machine shall be packed separately.
- Cargo will be transported by land, sea, air or rail, or any combination thereof.
- During transit, packages may be handled by crane, forklift, and other lifting devices (supplied by others).
- The dynamic effects of each mode of transport should be considered (e.g., roll, pitch, heavy amplitudes and accelerations) during all modes of transport.
- Any package made of wood is heat-treated as per ISPM 15 requirements and is clearly marked on the outside of each case with the IPPC symbol. Refer to Attachment D, No. 10.
- It is prohibited to use filling material such as straw or any other flammable material.
- For lifting, lashing and securing packages on all means of transport as well as max. weights for cases and for requirements of steel frames and wooden frames refer to Chapter 10.

4.2 Packing Inspection

a. Pre-Packing Inspection:
Material inspection to be performed prior to packing (materials completely unpacked).

b. Packing Inspection:
Takes place after completion of packing. Materials, labels, tag nos. are no more visible, and content of cases cannot be checked. Only outer package to be checked.

Packing inspection is described in document (VSB) KV5068 and Pre-Packing inspection in (VSB) KV5067 (BCAG only).

4.3 Dangerous Goods

Dangerous Goods shall be packed, marked and shipped in conformity with actual valid regulations and laws (IATA, IMO, ADR). Dangerous Goods shall be always packed and handled as separate shipments.

Import licenses may be required for importing Dangerous Goods. They shall therefore be purchased locally whenever possible. If not, Dangerous Goods shall be shipped by truck or air.

5. Storage and liability

If intermediate storage either before shipment or on site is required, any cargo shall be stored indoor only. In case of no other possibility, outdoor storage is acceptable provided the following conditions are fulfilled:

- Under a roof (sheltered)
- On a paved, drained floor
- Always protected from environmental influences
- Storage temperature range for main motors and electrical equipment: -10°C / +35°C
- Humidity range between 30% - 40%
- No temperature restrictions for all other equipment

Outdoor storage without roof and/or shelter is only acceptable for max. 5 days during loading and unloading activities.

6. Packing Categories

Packing Category	Kind of package	Goods class	Application
Category 1: Truck-worthy Package	• Wooden case (OSB, plywood) • Solid wooden case • Heavy load pallet • Wooden frame • EU-Pallet with frame and lid • Shrink wrapped on pallet • Reusable case	All equipment, which does not require any special protection or handling	Transport in closed trucks only, without any intermediate storage, no trans-shipment allowed
Category 2: Airworthy Package	• Cardboard • Cardboard with wooden frame • Wooden case (OSB, plywood) • Solid wooden case • Shrink wrapped on pallet (only if lashing is possible)	All equipment	Transport by air or courier service, without any intermediate storage
Category 3: Seaworthy Package	• Solid wooden case • OSB or plywood	All equipment	Shipments to overseas destinations and/or destinations with rough atmospheric conditions
Category 4: Shrink wrap (seaworthy)	• Shrink wrap on a steel transport frame • Shrink wrap on a wooden frame (only applicable, if lashing/lifting points are available at the equipment itself)	Heavy cargo and/or ODC (whenever lifting/lashing/securing is not possible in a wooden case), skid mounted items, completely assembled compressors, other bulky equipment	Shipments to overseas destinations and/or transport by truck (low-bed trailer)
Category 5: Bundles	• Various	Tubes, piping material	Transport in closed trucks only, without any intermediate storage

Packing Category 1: Truckworthy Package

Applicable for all cargo for transportation by truck for a door-to-door delivery, without any intermediate storage or transshipment.

This Packing Category offers minimum mechanical protection. The following packing methods are acceptable considering the gross weight below:

- OSB and plywood cases up to 500 kg gross weight
- OSB and plywood cases exceeding 500 kg only acceptable under the following conditions:
  - Board thickness: min. 18 mm/7 layers
  - Use solid wood for the wooden frame
  - Use reinforcement beams min. 24 x 100 mm
- Solid wooden case (fir or spruce wood can be used or anything similar)
- Heavy load pallet
- Wooden frame
- Pallet with frame and lid (always use paletts with dim. 120 x 80 cm)
- Shrink wrap on pallet or wooden frame (only if lashing points are available at the equipment itself)
- Reusable case

Refer to Attachment A for the Guideline construction of wooden frames (base frame of solid wood) and wooden cases.

For cargo exceeding 40t gross weight the following rules apply:

- If lifting and lashing points are available at the equipment itself, a wooden frame is acceptable.
- If no lifting and lashing points are available, a steel transportation frame is required.

OSB Case

Plywood Case

Packing Category 2: Airworthy Package

Applicable for all cargo for transportation either by air or by courier service for a door-to-door delivery, without any intermediate storage.

This Packing Category offers minimum mechanical protection. The following packing methods are acceptable:

- Cardboard (up to 30 kg gross weight/package)
- Cardboard with wooden frame (up to 50 kg gross weight/package)
- OSB and plywood cases up to 500 kg
- OSB and plywood cases exceeding 500 kg only accepted under the following conditions:
  - Board thickness: min.18 mm/7 layers
  - Use solid wood for the wooden frame
  - Use reinforcement beams min. 24 x 100 mm
- Solid wooden case (fir or spruce wood can be used or anything similar)
- Shrink wrap on pallet or wooden frame (only if lashing points are available at the equipment itself)
- Cargo exceeding 5t gross weight to be on wooden frame, shrink wrapped (no wooden cases accepted), see conditions below

Maximum dimensions and weight per package for airfreight: 430 x 300 x 280 cm / 20t

➢ Packages exceeding any of the above mentioned parameters shall be shipped by sea freight.

Minimum dimensions and weight per package for airfreight: 80x60 cm / 20kg

➢ Packages that are below any of the above mentioned parameters shall be sent by courier service.

For cargo exceeding 5t gross weight per piece the following rules apply:

- Lifting and lashing points at the equipment itself are mandatory. Lashing points required on all sides of cargo above the center of gravity.
- No wooden cases shall be used for cargo exceeding 5t gross weight (per piece).

Refer to Attachment A for the Guideline construction of wooden frames (base frame of solid wood) and wooden cases.

Cardboard with wooden frame

Plywood Case

Packing Category 3: Seaworthy Package with max. 24-months storage

Applicable for all cargo for shipments to overseas destinations and/or destinations with rough atmospheric conditions or rough handling during transit.

Cases are constructed for maximum 24-months storage period: after this time, corrosion protection expires. Only 24-months storage protection is included in supplier's scope of supply.

This Packing Category offers excellent mechanical and corrosion protection.

The following packing methods are acceptable:

- Solid wooden cases (fir or spruce wood can be used or anything similar)
- Plywood cases exceeding 500 kg only accepted under the following conditions:
  - Board thickness: min.18 mm/7 layers
  - Use solid wood for the wooden frame
  - Use reinforcement beams min. 24 x 100 mm

Mechanical protection is provided by bracing and blocking equipment inside the wooden case. Equipment is packed properly and tightly. Voids or dead spaces to be avoided. Bracings and cushioning materials are used where necessary to prevent any movements and damages of equipment within the wooden cases. Wherever possible, the equipment shall be bolted onto the wooden frame.

The inner side of the lids of all solid wood cases are covered with fluted structure twin-wall polypropylene sheets (i.e. AKYLUX®). This offers an additional protection against rain and moisture.

Refer to Attachment A for the Guideline construction of wooden frames (base frame of solid wood) and wooden cases.

General rules applicable for cargo exceeding 20t gross weight:

- A steel transportation frame is required
- No wooden cases shall be used for cargo exceeding 20t gross weight (per piece), except for mechanical protection. Carrying element shall be steel.

Solid wooden case

View of the inside of a case

Packing Category 4: Shrink wrap with max. 24-months storage

Applicable for all equipment equipped with lifting and lashing points on the equipment itself or heavy cargo / ODC whenever packing, lifting, lashing or securing is not possible in a wooden case due to size or weight (20t gross weight per case is the limit for wooden cases). This packing category is also applicable for skid mounted items, completely assembled compressors and other bulky equipment.

Applicable for max. 24-months storage period: after this time, corrosion protection expires. Only 24-months storage protection is included in supplier's scope of supply.

a. **Option 1**
   Shrink wrap by using a steel transport frame only applicable if option 2 is technically not feasible.The equipment is either bolted or welded onto the transport frame.

b. **Option 2**
   Shrink wrap on a wooden frame. Only applicable if lifting and lashing points are available at the equipment itself.

A polyethylene plastic heat-sealable foil with improved puncture resistance and tensile strength is used for packing. This foil shrinks when heat is applied. When the foil shrinks tightly, it gets stronger and offers a solid protection. The shrink foil is UV resistant. The shrink wrapped equipment is additionally covered with tarpaulin.

Shrink wrapped equipment on a steel transport frame

Shrink wrapped equipment covered with a tarpaulin

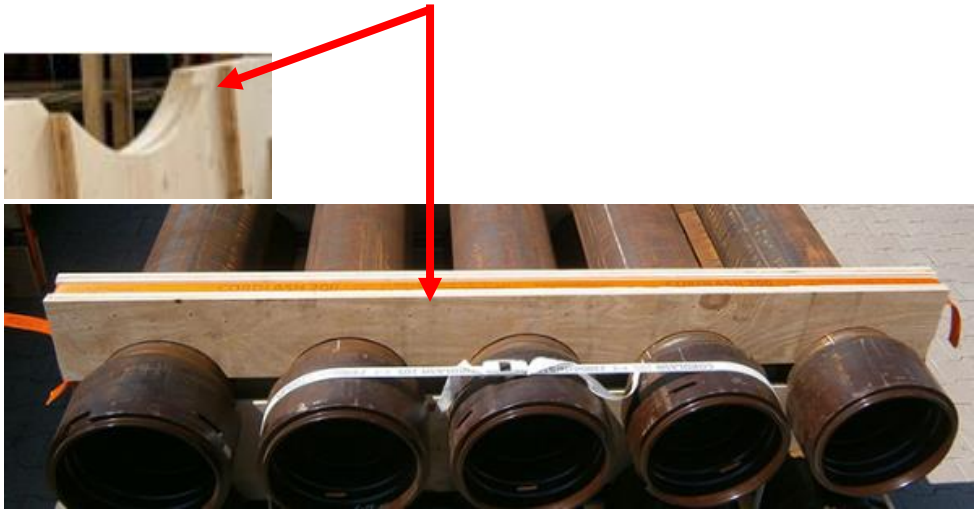
Shrink wrapped equipment on a wooden frame with lashing/lifting points at the equipment itself

Packing Category 5: Bundles

Bundles are transport or packing units where the packaging is limited to joining a number of parts to make them transportable, secure, stackable, and fit to be lifted correctly.

- All single/loose parts to be secured properly
- Bundles to be lifted either by forklift or by crane depending on size/weight
- Wooden frame (base frame) always required
- Bundles can be shipped unpacked if the equipment is manufactured with stainless steel
- Otherwise, to be packed in VCI foil and shrink wrapped

Wherever possible, use wooden bearings on both sides (bottom and top). They shall be constructed accurately and shall fit well in order to not move during transport.



7. Corrosion protection – General

This document refers to corrosion protection of outer package only and does not include any material preservation, protective coatings, and corrosion protection of unpacked equipment (e.g., any blank machine parts, blank surfaces, etc).

This general corrosion protection is applicable for max. 24-months storage period after date packed and has to be renewed afterwards.

Only 24-months storage protection is included in supplier 's scope of supply.

Corrosion protection categories:

Corrosion Protection Category	Goods class	Max Storage
Category No. 1: VCI-Method with additional VCI products (foam, bags, mats)	All equipment except Category No. 2	Max. 24 months from date packed
Category No. 2: Aluminum-Method with drying agent/desiccant	Main Motors, control panels and electrical equipment	Max. 24 months from date packed

Category No. 1 (VCI-foil) and No. 2 (Aluminum-foil) shall always remain sealed and opened before use only.

Applied protection category – "Specification of Preservation" – for details refer to Intermediate storage prior to install (VSB) FV196 and Long-term conservation (VSB) FV197 (for BCAG only).

a. Category No. 1: VCI-Method

VCI stands for Volatile Corrosion Inhibitor. The corrosion protection is generated by means of vapor phase. VCI products (foam, bags, mats) are used between equipment and VCI-foil. The equipment to be protected is additionally wrapped and sealed in a polyethylene coated VCI-foil to further enhance the corrosion protection of the outer packaging.

b. Category No. 2: Aluminum-Method

Main Motors and electrical components shall be sealed in Aluminum Bags equipped with a drying agent. Drying agent shall be applied according to DIN55474.

Drying agent shall be used to ensure corrosion protection for the required storage length. The air-tight bag is made of weldable, water-vapor tight aluminum composite foil in accordance with DIN 55531 standard.

Prior to the sealing of the air-tight bag the air shall be withdrawn by suction until the foil is tightly around the packaged part (tightness test).

8. Corrosion protection and packing requirements of Control Cabinets and Instrument Boards

Control cabinets, instrument boards and their electrical components are extremely sensitive and shall be handled with care.

- Packing method for all means of transport: Solid wooden cases only
- Corrosion protection: Aluminum Bags equipped with desiccant/drying agent (no VCI products shall be used)
- Drying agent shall be applied according to DIN55474

Additional packing and handling conditions:

- Instrument boards and control cabinets shall be packed in upright position only
- Due to the high center of gravity, the risk of tipping needs to be considered when packing
- Use tilt indicators which detect and record unacceptable tilting
- Due to the sensitivity of electrical equipment, a dry environment is required for handling, packing, storing the equipment and during transportation
  - Temperature range for electrical equipment: -10°C / +35°C
  - Humidity range between 30% - 40%

9. Shipping Marks Requirements

Standard Shipping Marks will be printed in A3 format (wherever possible), laminated, and stapled on 4 sides of each package. Refer to Attachment C.

10. Lifting, Lashing, Securing

For details, refer to (VSB) 1085475 - Lifting, Lashing and Securing Guideline.

11. Transportation Drawings

Transportation drawings are required to apply for road permits. Overall effective dimensions shall not exceed the dimensions on transport drawings.

Transportation drawings for road transportation and sea freight shall be provided by supplier to client if any of the following parameters per package are exceeded:

Gross weight:	20t
Length:	11.5m
Width:	2.2m
Height:	2.2m

Transportation drawings for airfreight shall be provided by supplier to client if gross weight exceeds 5t gross weight.

Requirements of transportation drawings:

- Overall dimensions of cargo
- Center of gravity including measurements to sides and to the bottom
- Gross weight
- Lifting points
- Lifting equipment to be used (traverse, spreader beams, shackles, slings)
- Lashing points (capacity of lifting lugs)

- Max weight for each lashing point
- Angles for each lashing point
- Max. angle between the slings at the hook

12. Shipping Documents

Upon completion of packing, the following shipping documents shall be provided by supplier to client as a minimum (applicable if Incoterms 2020 are FCA / FOB):

- Shipping order
- Invoice
- Packing list (Refer to Attachment B)
- Export customs declaration or Power of Attorney, if applicable

Transit documents and/or loading plans for trucks/containers are not considered as shipping documents.

For all other Incoterms 2020 clauses the following additional documents shall be provided by supplier to client:

- Transport documents (i.e. CMR, B/L, AWB)
- Loading plans
- Transit documents

All other rights and obligations between supplier and client are regulated according to Incoterms 2020 and contractual agreements.

13. Packing list

Upon completion of packing, the packing list shall be provided by supplier to client in the format as per Attachment B.

The packing list shall contain the following information:

- Contractual informations
- Shipping Marks
- Stackability
- Date packed: MM-YYYY
- Unique Package number and type of package
- Net weight and gross weight in kg of each package
- Dimensions in cm of each package
- Volume in cbm of each package
- Storage code
- Content (summary)
- Detailed content of each package

The description of goods of the detailed packing list corresponds to the content of each case.

A detailed packing list is placed under a metal cover sheet. This metal cover sheet is stapled on the outside of each case. If a use of a metal cover sheet is not possible, a self-adhesive punched pocket shall be used to attach the packing list onto the package.

14. Attachment A: Guideline construction of wooden frames (base frame of solid wood) and wooden cases

14.1 Construction of wooden frames (base frame of solid wood)

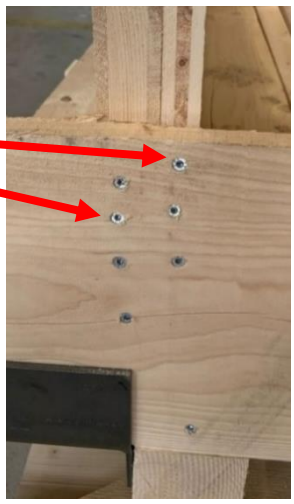
A strong and solid wooden frame (base frame) is essential to ensure that the case can withstand all conditions that occur during lifting operations, transportation, and transit.

To avoid that the side walls collapse, they shall be secured by:

1) Bolting the side walls with a 90-degree angle on the frame.
2) Using solid wooden angle brackets (traverse beams).

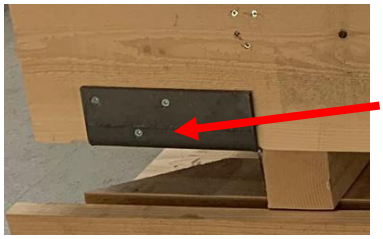
For the entire base frame bolts shall be used (instead of nails) for an increased stability.

Bolts to be screwed in a displaced manner.



The wooden bearings shall be constructed accurately and shall fit well since the cargo must be placed on the contact surface in the best possible way without damaging pipes, tubes, instruments etc.

The side walls shall be built in a stable way, without superfluous gaps and spaces to ensure that the cargo cannot move in any direction when placed in the base frame.



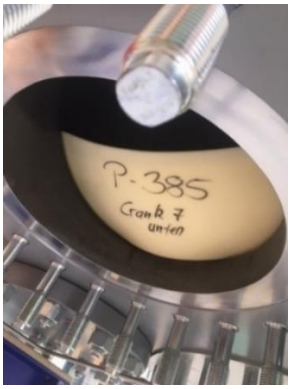
Use metal corner plates to protect the edges of the lifting points.

The construction of the wooden frame (base frame) is complete.

Next steps to finish the wooden frame:

1. Place a VCI foil (green foil) on the entire surface and on the side walls of the wooden frame.
2. Load equipment on the frame (without damaging the VCI foil).
3. Place either VCI mats, VCI bags or VCI foam in or around the equipment.
4. Wrap VCI foil around entire equipment.
5. Seal VCI foil.

Additional VCI products (foam, mats or bags) shall be placed in or around the equipment.



Only if additional VCI products are used, the corrosion protection is guaranteed up to max. 24 months from date packed.

IMPORTANT:

This wooden frame (base frame) is not suitable for transportation if lashing and lifting points are not available at the equipment itself. In such cases, it is not possible to lift and secure the wooden frame safely.

If there are no lashing points at the equipment itself, a full solid wooden case shall be constructed as per guideline in chapter 14.2.

If lashing and lifting points are available on the equipment itself, use shrink wrap for packing (left picture below) and cover the cargo with a tarpaulin for additional protection.

Shrink wrap

Additional tarpaulin

Cargo approved to be shipped on a wooden frame (base frame), because equipment is equipped with lashing and lifting points!

14.2 Wooden cases construction

Supports (wooden beams) shall be used on all sides to fix cargo properly. These beams shall be fixed approximately halfway of the case to increase stability.

Supports (wooden beams)

The higher the center of gravity, the higher the beams shall be placed.

Beams to be used also on top of the case (under the lid). Close the case.

Attach all required marks, shipping marks and packing list.

The wooden case is completed and ready for shipment.

Case construction:

< 5t:	Longitudinal main beams: 60/100	Transverse main beams: 100/100
5t-15t:	Longitudinal main beams: 100/100	Transverse main beams: 100/100
> 15t:	Longitudinal main beams: 120/120	Transverse main beams: 120/120

15. Attachment B: Requirements of a packing list

1st Sector: Cover page:

- Contractual informations
- Shipping Marks
- Stackability
- Date packed: MM-YYYY

Burckhardt Compression	Packing List	List No.	
Burckhardt Compression AG **Franz-Burckhardt-Strasse 5** **CH-8404 Winterthur, Switzerland** BCA Project No. Compressor Type Serial No.	**Purchaser** Company Name Road Place Country Order No. Project No. Item No.	Page 1 of 3 Rev. Index _ Prepared 26.07.2023 SARBACH_S Reviewed 26.07.2023 SARBACH_S Approved 26.07.2023 SARBACH_S	
		Contents	

SHIPPING MARKS:

CONSIGNEE:	XXX
CONTRACT NO:	XXX
PROJECT NO:	XXX
PORT OF DESTINATION (optional):	XXX
NET WEIGHT:	XXX KG
GROSS WEIGHT (KG):	XXX KG
MEASUREMENT (LXWXH IN CM):	XXX x XXX x XXX CM
PACKAGE NUMBER:	BCA-XXXXX/00X

LETTER OF CREDIT:

Letter of credit no:	LCxxxxxxxx
Date of issue:	dd-mm-yyyy
Description of goods and/or Services	xxxxxx

Date Packed: MM-YYYY
Stackability: all cases over 500 kg are stackable / Shrink wrapped EQUIPMENT is not stackable

2nd Sector: Summary of packing list

- Package number and type of package
- Net weight and gross weight in kg of each package
- Dimensions in cm of each package
- Volume in m3 of each package
- Storage code
- Contents

Burckhardt Compression — **Summary of Packing List** — **List No.**

Burckhardt Compression AG **Franz-Burckhardt-Strasse 5** **CH-8404 Winterthur, Switzerland**	**Purchaser** Company Name Road Place Country	Order No. Project No. Item No.	Page 2 of 3
BCA Project No. Compressor Type Serial No.		Storage Codes: A Outdoors (x) B Outdoors sheltered (xx) C Indoors (xxx) D Indoors, heated area (xxxx) E Indoors, air-conditioned acres (xxxxx)	Rev. Index _ Prepared 26.07.2023 SARBACH_S Reviewed 26.07.2023 SARBACH_S Approved 26.07.2023 SARBACH_S

BCA Coli No.	Package Number	Package Type	Net kg	Gross kg	Length cm	Width cm	Height cm	Volume m3	Storage Code	Contents
BCA-xxxxx/0001	1_5	Case	xxx	xxx	xxx	xxx	xxx	xx	C	Main Content
BCA-xxxxx/0002	2_5	Case	xxx	xxx	xxx	xxx	xxx	xx	C	Main Content
BCA-xxxxx/0003	3_5	Case	xxx	xxx	xxx	xxx	xxx	xx	C	Main Content
BCA-xxxxx/0004	4_5	Case	xxx	xxx	xxx	xxx	xxx	xx	C	Main Content
BCA-xxxxx/0005	5_5	Case	xxx	xxx	xxx	xxx	xxx	xx	C	Main Content
		Total	xxxx	xxxx				xx		

3rd Sector: Single Packing list

- Detailed content of each package

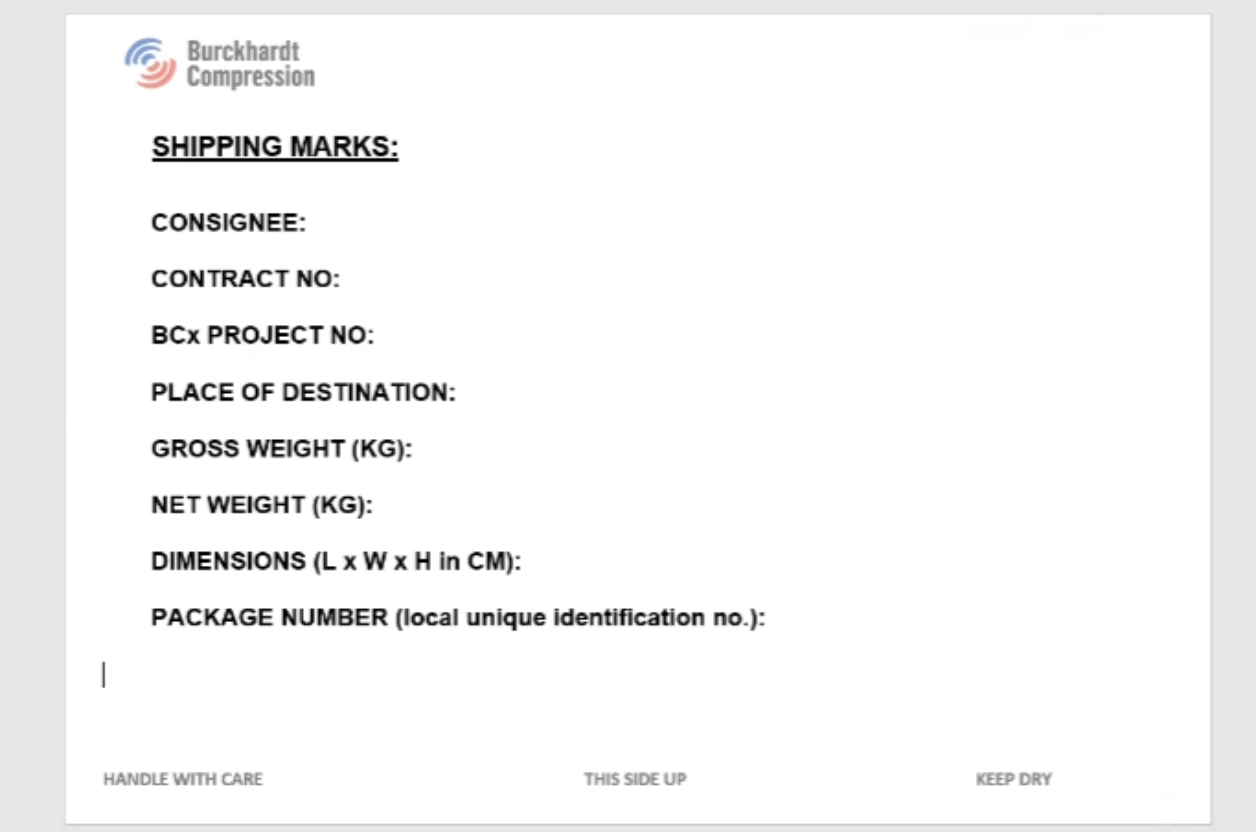
Burckhardt Compression — **Single Packing List** — List No. — Page 3 of 3

Burckhardt Compression AG **Franz-Burckhardt-Strasse 5** **CH-8404 Winterthur, Switzerland**	**Purchaser** Company Name Road Place Country Order No. Project No. Item No.
BCA Project No. Compressor Type Serial No.	Rev. Index _ Prepared 26.07.2023 SARBACH_S Reviewed 26.07.2023 SARBACH_S Approved 26.07.2023 SARBACH_S

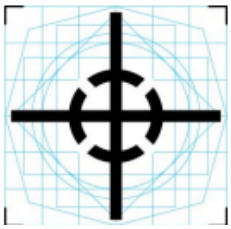
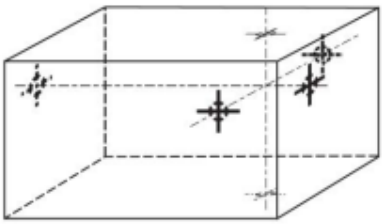
BCA Coli No.	Package Number	Package Type	Net kg	Gross kg	Length cm	Width cm	Height cm	Volume m3	Storage Code	Contents
BCA-xxxxx/0001	1_5	Case	xxx	xxx	xxx	xxx	xxx	xx	C	**

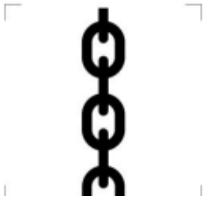
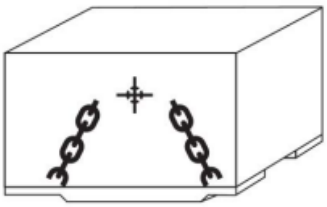
Pos No.		Quantity	Material Description / Tag No.	Dimension / Type	HS-Code	Article No. / Drawing No.	ET Code
10		1	Detailed description of each item			xxxxxxxxxx	
20		1	Detailed description of each item			xxxxxxxxxx	
30		1	Detailed description of each item			xxxxxxxxxx	

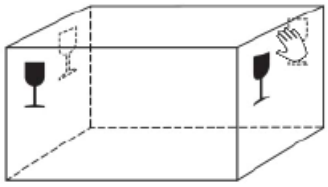
16. Attachment C: Standard Shipping Marks



17. Attachment D: Cargo Handling symbols

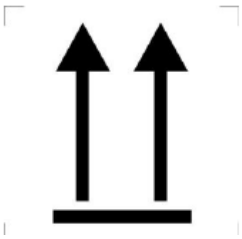
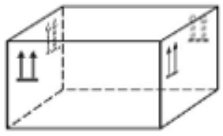
Symbol Number and title	**No.1 CENTER OF GRAVITY**
Graphical Symbol: 	**Reference:** ISO 7000, No.0627 **Meaning:** This is the center of gravity. **Requirements:** • Heavy packages shall be marked with this symbol. • This graphical symbol shall be placed on all four sides. **Note:** • When heavy cargo tips over during handling for shipping, it could damage not only the product but also workers, causing a fatal accident.
Example of application: 	

Symbol Number and title	**No. 2 SLING HERE**
Graphical Symbol: 	**Reference:** ISO 7000, No.0625 **Meaning:** Slings shall be placed where indicated for lifting and lashing. **Requirements:** • All packages lifted with a crane shall be marked with this symbol.
Example of application: 	

Symbol Number and title	No. 3 FRAGILE, HANDLE WITH CARE
Graphical Symbol: 	**Reference:** ISO 7000, No.0621 **Meaning:** Contents of the distribution package are fragile therefore it shall be handled with care. **Requirements:** • In principle, this graphical symbol should be placed either near the left-hand or the right-hand upper corner on all four upright sides of the package.
Example of application: 	**Note:** • This symbol should be used in the orientation shown

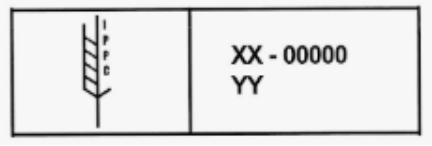
Symbol Number and title	No. 4 USE NO FORKLIFT
Graphical Symbol: 	**Reference:** ISO 7000, No.2406 **Meaning:** Package should not be handled or moved by a forklift.

Symbol Number and title	No. 5 KEEP AWAY FROM RAIN
Graphical Symbol: 	**Reference:** ISO 7000, No. 0626 **Meaning:** Package shall be kept away from rain and be kept in dry conditions.

Symbol Number and title	No. 7 THIS WAY UP
Graphical Symbol: 	**Reference:** ISO 7000, No. 0623 **Meaning:** This is the correct upright position of the distribution package for transport and/or storage. **Requirements:** • In principle, this graphical symbol should be placed either near the left-hand or the right-hand upper corner on all four upright sides of the package.
Example of application: 	**Note:** • This symbol shall be used in the orientation shown.

Symbol Number and title	No. 8 TEMPERATURE LIMITS
Graphical Symbol: 	**Reference:** ISO 7000, No. 0632 **Meaning:** Package shall be stored, transported, and handled within which temperature limits indicated. **Requirements:** • This graphical symbol shall be used only for the packages that require temperature control.

Symbol Number and title	No. 9 DO NOT STACK
Graphical Symbol: 	**Reference:** ISO 7000, No. 2402 **Meaning:** Stacking of the package is not allowed and no load shall be placed on the package.

Symbol Number and title	No. 10 IPPC
Graphical Symbol: 	**Reference:** IPPC - ISPM No. 15 Standard **Meaning:** The standard mandates that all wooden packaging materials must be treated to eliminate harmful pests. This can be achieved through heat treatment or fumigation with methyl bromide, followed by stamping or marking the wood with the IPPC symbol, the treatment method used, and the country of origin.

18. European Community marking requirements

(Valid only for shipments within Europe and to Europe)

Environmental labeling of packages officially is mandatory in the European Union. Manufacturers, packaging material suppliers, processors and importers shall ensure that each package material is labelled with the relevant label to facilitate its disposal according to COMMISSION DECISION of 28 January 1997 establishing the identification system for packaging materials pursuant to European Parliament and Council Directive 94/62/EC on packaging and packaging waste.

Example of a label for wooden package: