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Transport & Installation	Transport	Status	11.5.15
<p>This Technical Guideline is valid for all transports from the manufacturer to the construction site of the Company</p> <ol style="list-style-type: none"> 1. All transports of components to be delivered by the Contractor to the Company have to be free of charge for the Company . All transport costs, including taxes, customs clearance, shipping (air,land,sea) have to be fully covered by the Contractor. 2. Transport, delivery and unloading has to be organized by the Contractor in close cooperation with the Company. The Coppany will not be liable for additional costs (e.g. time delay, missing tools or missing infrastructure,...) resulting from transports not approved in advance by the Company. 3. The Contractor takes responsibility for any damage caused by inappropriate packaging and transportation. Damaged goods will be rejected by the Company. In the case that a damage of goods is observed , the Company will immediately inform the supplier of the observed damage. The Contractor will decide if a repair on site (Company) will be carried out or if the damaged good will be shipped back to the Contractor or manufacturer. The Contractor has to cover the full costs of repair, shipping, second delivery. 4. All packaging (e.g. pallets, boxes, support structures etc.) shall be provided by the Contractor free of charge. After installation of the component delivered, the removal of the packaging material has to be organized by the Contractor. The Contractor has to cover the full costs of the removal . 5. Standard transports to the Company <p>5.1 The dimensions of trucks and trailers used for the delivery of components to the Company have to be in accordance with EU and german standards: references: http://bundesrecht.juris.de/stvzo/__32.html http://bundesrecht.juris.de/stvzo/__34.html</p> <p>Maximum dimensions of trucks and trailers: overall length: 18.75m maximum width: 2.55m maximum height: 4.0m maximum overall weight: 40.0t</p> <ol style="list-style-type: none"> 5.2 Traffic ways, unloading bays, access to unloading areas / buildings at Company site are designed for Vehicles which are in accordance to 5.1 5.3 Delivery of components by vehicles which are not in accordance to 5.1 has to be planned in close collaboration with the Company: <ol style="list-style-type: none"> 5.3.1 The Contractor is responsible for the complete organization and logistics of non-standard transports 			
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<p>5.3.2 The Contractor has to cover all costs of the non-standard transport</p> <p>5.3.3 The Contractor is responsible for the planning, construction, reconstruction of all modifications to traffic ways, accesses, and buildings at the Company site which are necessary due to the non-standard transport,</p> <p>5.3.4 The Contractor has to cover the complete costs of 5.3.3.,</p> <p>5.3.5 If unloading of non standard transports at the Company site is not possible by the existing infrastructure of the Company, the Contractor is responsible for the complete organization, logistics and implementation (e.g. additional mobile crane, Fork lifter, special tools),</p> <p>5.3.6 The Contractor has to cover the complete costs of 5.3.5,</p> <p>5.3.7 The transport organization plan has to be prepared by the Contractor and to be approved by the Company.</p> <p>5.4 Deliveries of components or goods within the scope of 5.3 which are not officially approved by the Company in advance (before the start of the transport) will not be accepted by the Company and will be rejected at the full expenses of the Contractor.</p> <p>6. NON Standard transports to the Company (Large / Heavy Items) For all components or items which have dimensions or weights exceeding dimensions and weights described in 5. the following regulations are valid:</p> <p>6.1 The Contractor has to ensure that the component delivered can be transported and installed at the Companies construction site. To ensure the compatibility of a large or heavy component with the Company infrastructure, buildings, ways of transport, a detailed planning in close collaboration with the Company is mandatory. Depending on the special design of the component, it might be necessary to start this planning already in the design and construction phase.</p> <p>6.2 For each component which cannot be handled on pallets, a detailed planning for the transport to the Company, unloading at the construction site, transport at the construction site and installation has to be performed. This includes a complete collision check (ways of transport, building constraints, conflicts with other installations) performed by the Company. The approval after this collision by the Company is one precondition for each delivery or transport to the construction site or at the construction site.</p> <p>6.3 Unloading and transport to a storage yard of the Company (unfavored strategy):</p> <p>6.3.1 The Contractor has to announce the delivery of a large and heavy component to the Company at latest 20 working days in advance. This application has to contain the full technical documentation, including:</p> <p>6.3.1.1 geometrical size / dimensions, weight</p> <p>6.3.1.2 handling instructions</p> <p>6.3.1.3 unloading instructions</p>			
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<p>6.3.1.4 statement if support (infrastructure, manpower) by the Company is demanded</p> <p>6.3.1.5 in case of 6.3.1.4. "YES": list of tools, infrastructure, manpower request (costs have to be covered by Contractor),</p> <p>6.3.1.6 time schedule / project plan,</p> <p>6.3.1.7 tools which will be delivered for unloading and handling together with the component,</p> <p>6.3.2 The Company will confirm or refuse the application and provide the following informations:</p> <p>6.3.2.1 place for unloading (hall, construction side, ...)</p> <p>6.3.2.2 date of delivery</p> <p>6.3.2.3 place for storage (if needed or requested)</p> <p>6.3.2.4 Company infrastructure which can be provided (tools, manpower)</p> <p>6.3.2.5 special unloading and handling tools which have to remain at the Company together with the delivered component</p> <p>6.3.2.6 quotation for the costs to be covered by the Contractor: storage costs (warehouse charges), tools, manpower</p> <p>6.4 Transport to the final installation location at the Company (favored strategy) :</p> <p>6.4.1 The Contractor has to announce the transport from the unloading area or storage yard to the installation location at latest 30 working days latest prior to transport, including:</p> <p>6.4.1.1 statement if support (infrastructure, manpower) by the Company is demanded</p> <p>6.4.1.2 in case of 6.4.1.1. "YES": list of tools, infrastructure, manpower request (costs have to be covered by Contractor)</p> <p>6.4.1.3 time schedule / project plan</p> <p>6.4.2 The Company will confirm or refuse the application and provide the following information :</p> <p>6.4.2.1 location of unloading or storage yard (building, construction side, ...)</p> <p>6.4.2.2 date of transport to final installation location</p> <p>6.4.2.3 way of transport to the installation location (building)</p> <p>6.4.2.4 The Company infrastructure which can be provided (tools, manpower)</p> <p>6.4.2.5 quotation for the costs to be covered by the Contractor: storage costs (warehouse charges), tools, manpower</p>			
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<p>7. Standard delivery of components by the supplier to FAIR shall be done on pallets (lift slabs)</p> <p>7.1</p> <p>7.1.1 Size according to German and EU standards:</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">EUR-Pallet:</td> <td style="width: 45%;">size:</td> <td style="width: 40%;">800 x 1200mm</td> </tr> <tr> <td></td> <td>Load bearing capacity:</td> <td>1500kg</td> </tr> <tr> <td></td> <td>Technical standards:</td> <td>UIC-data sheet 435-2</td> </tr> <tr> <td>Industrial Pallet: (EUR2 / EUR3)</td> <td>size:</td> <td>1000 x 1200mm</td> </tr> <tr> <td></td> <td>Load bearing capacity:</td> <td>1500kg</td> </tr> <tr> <td></td> <td>Technical standards:</td> <td>UIC-data sheet 435-5</td> </tr> </table> <p>7.1.2 wooden packaging /pallets have to be according to ISPM15 (International Standards for Phytosanitary measures)</p> <p>7.2 Boxes, containers (wooden, cardboard, ...)</p> <p>7.2.1 Boxes have to be fixed to Pallets according to 7.1</p> <p>7.2.2 size: maximum base size according pallet size 7.1 maximum height (including pallet): 2000mm maximum weight (including pallet): 1500kg</p> <p>7.2.3 wooden boxes have to be closed by cross-head screws (Philips screws) or Torxx screws to allow repeatedly access to the packed items</p> <p>7.2.4 wooden packaging has to be according to ISPM15 (International Standards for Phytosanitary measures)</p> <p>7.3 The delivery of components exceeding dimensions and weights according to 7.1 or 7.3 has to be approved in advance by the Company and a detailed transport planning has to be performed.</p> <p>7.4 Weather protection: All components packed on pallets or in boxes have to be protected against rain and humidity. Components transported oversea (e.g. inside oversea container) have to be protected against any damage by seawater.</p> <p>7.5 Damage protection: all components packed on pallets or in boxes have to be protected against mechanical damage. Especially delicate instruments, components, or parts of components (e.g. accelerator insertions, UHV parts: CF knife edges, ceramic parts, fragile feedthroughs,...) have to be additionally protected by appropriate shock absorbing materials.</p> <p>7.6 Waste disposal of package material:</p> <p>The Contractor is responsible for the waste disposal of the packaging material of the items delivered (after the installation of the component or item). The Contractor has to remove the package material after component / item installation and is obligated to dispose the waste according to German and EU law. If the Company takes over the waste disposal for package material, the Contractor has to cover the cost proportional to the amount of package material waste resulting from the delivered items.</p>				EUR-Pallet:	size:	800 x 1200mm		Load bearing capacity:	1500kg		Technical standards:	UIC-data sheet 435-2	Industrial Pallet: (EUR2 / EUR3)	size:	1000 x 1200mm		Load bearing capacity:	1500kg		Technical standards:	UIC-data sheet 435-5
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<p>8 Documentation and Labelling</p> <p>8.1 Documentation: Each item, set of items or single component (on pallet, in box, loose) has to be delivered together with:</p> <p>8.1.1 complete delivery notes,</p> <p>8.1.2 bill of material / parts list (if a number of items / components are packed together in one box or on one pallet),</p> <p>8.1.3 Any component with documents missing will be rejected to the Contractors expense.</p> <p>8.2 Labelling: Each item, set of items or single component (on Pallet, in box, loose) has to be labeled as follows:</p> <p>8.2.1 name of each single item according to the Companies nomenclature,</p> <p>8.2.2 Name and address of the Contractor including named person to be contacted by the Company in case of observed damage of packed items / components,</p> <p>8.2.3 weight and size of each single item</p> <p>8.2.4 weight and size of package, box, pallet,</p> <p>8.2.5 if special handling is required: safety note, hazard warning, handling note, marking with tilt-watch, shock-watch, "this-side-up", etc,</p> <p>8.2.6 labelling with barcode system defined by the Company: code information should contain at least: 8.2.1, 8.2.2, 8.2.3</p> <p>8.2.7 labelling has to withstand humidity, moderate rain and direct sunlight</p> <p>8.3 Location of labelling: Each item, set of items or single component (on pallet, in box, loose) has to be labeled according 8.2 and GS7.5.</p> <p>9 Questionnaire</p> <p>9.1 Background The attached questionnaire: Q-F0-T-0001 Checkliste Anlieferung v1_0 collects all necessary information in respect to transport (articles 1.8) to be filled out by the Contractor and informations concerning possible additional testing and handling (to be filled out by the responsible work packager leader (WPL))</p>				
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