

# Shipping process with our permit

## Portable X-Ray tube Shipping Instructions / Checklist

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Our portable x-ray tubes (COMET, YXLON, or Andrex) are filled with pressurized SF6 insulating gas, which is classified as a class 2.2 hazardous material due to the pressure. To transport this tube into the field or back to COMET for repair, the following guidelines must be followed to comply with DOT shipping regulations.

We have a Special Permit from the Department of Transportation (DOT-SP 20221). This permit can be found here - [http://www.comet-xray.com/Resources/Products/PXS-EVO/Transportation\\_Doc/SP20221.pdf](http://www.comet-xray.com/Resources/Products/PXS-EVO/Transportation_Doc/SP20221.pdf).

**All requirements defined in this permit must be followed to transport the tube.**

Below is a summary of key points.

- The tube must be shipped in an approved shipping box (overpack). This could be any of the original boxes provided by COMET (or YXLON) or an equivalent wooden box or case. Shipping the tube in a cardboard box or on an open pallet is not permitted. If the customer does not have a suitable box or case, they should contact COMET to get an empty case.
- The tube itself must be clearly marked with "DOT-SP 20221". COMET can provide labels to the customer as needed or this may be marked as desired by the customer.
- Persons involved in transporting this equipment are considered "Hazmat employees", and should receive appropriate training.
- Per IATA or CFR 49, the outside of the box must be clearly marked with a green "NON-FLAMMABLE" label and optionally can be marked with "DOT-SP 20221" which we recommend. COMET can provide labels to the customer as needed. Other required labels are "generic" and can be produced as the customer desires.
- Other required documentation, such as a shipper's declaration for dangerous goods (4 copies), should accompany the shipment as well. Samples available on request.
- A copy of the special permit must be attached to and inside the tube box and must be made available to the shipping carrier at time of shipment. We recommend attaching it to the bill of lading. This permit itself can be downloaded from the above link.
- A copy of the special permit must be maintained at any facility that offers the tube for transportation.

**See sample pictures on next page.**

**COMET**

Technology with Passion

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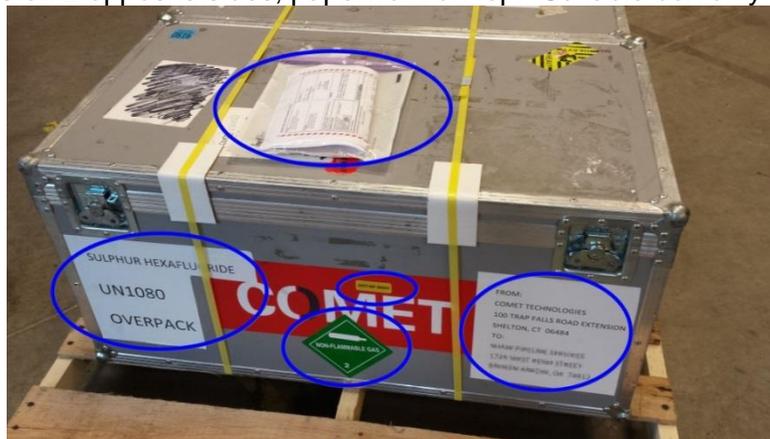
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Note: The portable x-ray controllers and non-portable x-ray tubes are not impacted by this regulation and may be shipped by any suitable method. If you have any concerns or questions about transporting our portable x-ray tubes, please contact COMET at 1-844-474-XRAY (9729). "DOT-SP 20221" marking on both sides of tube (visible when box is opened)



DG required labels on 2 opposite sides, paperwork on top. Suitable box only.



If outer cardboard box or stretch wrapping is used, additional duplicate labeling required



# COMET

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