



COMMONWEALTH OF PENNSYLVANIA
PENNSYLVANIA COMMERCIAL ITEM DESCRIPTION (PCID)

PCID NO. 1146**Diesel Exhaust Fluid (DEF)****Eff. 03/14/25**

(This item description supersedes PCID effective date 3/7/11)

This Pennsylvania Commercial Item Description covers requirements for diesel exhaust fluid (DEF) intended for use in Selective Catalytic Reduction (SCR) vehicle exhaust systems. Product shall conform to the following requirements, unless otherwise noted on the request for proposals or invitation for bids.

1. Characteristics. The diesel exhaust fluid shall be API certified and meet the ISO 22241 compliance standard. The fluid shall be 32.5% high purity urea and 67.5% de-ionized water.

2. Inspection & Rejection. Sampling for prior to/post- award testing, if required, will be as defined in the Bid Proposal. Inspection may be made at place of manufacture at the option of the Commonwealth after an award has been made. An inspection for final acceptance shall be made at the place of delivery and/or after laboratory testing to determine whether product or service meet the specification requirements. Samples for inspection and after delivery testing shall be selected by simple random sampling. If defects are detected during the course of delivery, or after product has been delivered, the Commonwealth reserves the right to reject the defective product and require replacement at no cost to the Commonwealth, or cancel the contract and surcharge the contractor for any expense incurred by the cancellation of the contract and in securing satisfactory materials, if the vendor fails to apply timely and corrective measures.

3. Packing. Diesel Exhaust Fluid shall be furnished in 55 gallon drums, totes or bulk quantities as specified in the invitation for bid.

4. Shipping Containers. Unless otherwise specified, shipments shall be made in substantial commercial containers, so constructed as to insure acceptance and safe delivery by common or other carrier. Each shipping container shall be clearly marked with the manufacturer's name, product brand name or number.

5. Material Master – No Material Master established for this commodity.

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