



USA DEBUSK

Catalyst Handling Specialists

usadebusk.com

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USA Debusk is a leading catalyst, chemicals, waste by-products, and raw materials handling and transportation company. We started as a privately owned, one truck operation nearly thirty years ago. We currently operate one of the largest waste chemicals transportation fleets in the continental United States, and Canada. We are committed to operating in an environmentally friendly, safe, and effective manner.

SAFETY

Our First Priority

Safety is our first priority at USA Debusk. It is management's responsibility to provide a safe working environment. Our employees are trained, motivated and held responsible for complying with all company and all regulatory agency requirements. At USA Debusk safety always takes precedence over production or deadlines.

USA Debusk was presented an award for outstanding safety record by the Highway Patrol.



BULK TRANSPORTATION

Operating a fleet of pneumatic tank trucks and rail cars, USA Debusk is a bulk commodity carrier with a dispatch operation designed to provide the best delivery service in the industry. Constant equipment inspection is the key to our safe and dependable operation. We are also dedicated to maintaining chemically clean pneumatic tankers, insuring that our customers will not receive any contaminated loads.

Committed to continual driver training and safety awareness, USA Debusk was presented an award for outstanding safety record by the Highway Patrol. We continue to pursue this goal of excellence for our employees and customers. We haul chemical and mineral commodities using both 1200 cubic foot and 1600 cubic foot capacity semi-pneumatic tank trailers.

TRANS-LOADING



USA Debusk has the ability to trans-load from many different vessels and containers.

- » Railcar located in plant, our rail spur, or in the field
- » Truck to truck transfers
- » Truck to super sack or super sack to truck
- » Silo to truck or truck to silo
- » Baker tank to truck or truck to baker tank
- » Bins to truck
- » De Watering bins to truck
- » Sealed vessel to truck or truck to sealed vessel
- » Column to truck or truck to column
- » From truck to sea container
- » From sea container to truck



HOT CATALYST REMOVAL & CATALYST CHANGE OUTS

USA Debusk specializes in residual catalyst removal in FCCU turnarounds. We have been successful with this process due to the fact that our vacuum equipment can handle FCC catalyst up to 1250 degrees in temperature. Our equipment does not require the unit or product be cooled down before we start catalyst removal. We begin vacuuming the catalyst as soon as the main air blower shuts down and before the units LOTO and blinding is finished.

USA Debusk accomplishes this by handling the catalyst while it is still at elevated temperature, we will bolt on spool pieces to draw points located on the bottom of the regenerator, reactor, spent cat t-bottom, ect, and vacuum catalyst from these draw points while operations does LOTO and blinding. This allows us to remove the majority of the residual catalyst before entry is made. Once entry is granted we will vacuum the remaining catalyst we were unable to reach from the draw points. This allows the catalyst to be removed earlier in the process allowing for a quicker turnover time for the customer.

USA Debusk specializes in hazardous and non-hazardous material transportation. Our Vacuum Services collect and transport wet or dry hazardous and non-hazardous materials. Vacuum equipment including stainless steel and aluminum, dry and liquid units are selected based on the nature and quantity of the material to be removed.



VACUUM SERVICES

ENVIRONMENTAL SERVICES & RECYCLING

USA Debusk has developed a full spectrum reuse and recycling program addressing a wide variety of industrial by-products. Through the utilization of technical knowledge of several process industries, USA Debusk manages reuse and recycling programs like spent catalyst recycling which are beneficial to refineries, power plants, waste water treatment plants, cement plants and other processes which use and generate by products with chemical and mineral value.



Examples of materials being recycled by USA Debusk:

- » Spent FCC Catalyst Fines
- » Spent Clause Catalyst
- » Support/Inert Balls
- » Spent Blast Grit
- » Coke Fines
- » FCC Catalyst
- » FCC Equilibrium Catalyst
- » Activated Alumina Catalyst
- » FCC Spent Catalyst Slurry
- » Filter Clays
- » Spent Lime Slurry



STORAGE

USA Debusk has the ability to store fresh and equilibrium catalyst in a locked fenced, video surveillance, security patrolled yard.

We offer storage in a variety of different vessels:

- » Fresh Catalyst Silos
- » Equilibrium Catalyst Silos
- » Transportable Storage guppies (Pigs)
- » Pneumatic Trailers
- » Warehousing