



U.S. Department
of Transportation
**Research and
Special Programs
Administration**

400 Seventh St., S.W.
Washington, D.C. 20590

NOV 15 2001

Mr. Charles Richmond
BAE Systems, Ordnance Systems, Inc.
4509 West Stone Drive
Kingsport, TN 37660-9982

Ref. No. 01-0262

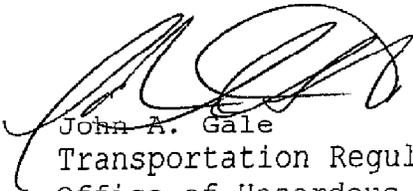
Dear Mr. Richmond:

This is in response to your September 28, 2001 letter concerning the shipment of explosives under the Hazardous Materials Regulations (HMR; 49 CFR Parts 171-180). Specifically, you ask whether you may use your customer's EX and UN numbers for booster charges. You state that your customer will supply the explosive fill and assemblies and that your company will perform the filling of the booster charges by melt pouring.

Based on the information in your letter, the product you propose to transport meets the definition for a new explosive under § 173.56(a) and you must submit an application for approval in accordance with § 107.705.

I hope this information is helpful. Please contact this office if you need additional assistance.

Sincerely,



John A. Gale
Transportation Regulations Specialist
Office of Hazardous Materials Standards



010262

173.56

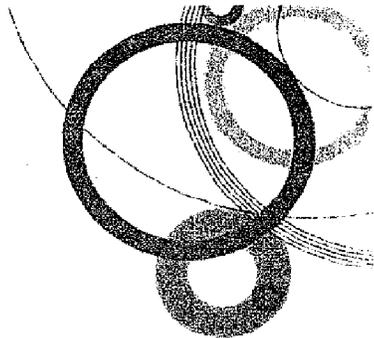
BAE SYSTEMS

McIntyre

173.56

Explosives

01-0262



September 28, 2001

Mr. Edward Mazzullo DHM-10
DOT/RSPA/OHMS
400 7th Street SW
Washington, D.C. 20590

J. Jones
SAYS HE
MEETS NEW
EXPLOSIVE
DEFINITION

Dear Mr. Mazzullo:

BAE Systems has been requested to fill booster charges for our customer, Austin Powder Company. The material to be filled will be Composition B provided by Austin Powder Co. This material has been previously classified and has an EX number assigned. The resulting boosters have also been tested and classified. BAE Systems will fill each charge by melt pouring. The composition of the explosive to be used for this operation will not be changed in any way. Austin Powder Co. has given permission to use their EX and UN numbers for shipment of these boosters back to their facility (See attached letter).

EX
UN

Since Austin Powder is supplying the explosive fill and the assemblies, can BAE Systems use Austin Powder Company's EX and UN numbers for this shipment?

Yours truly,

Charles Richmond

Charles Richmond 9/28/01

Concurrence Mike Ervin

Encl.

st

Mike Ervin September 28, 2001

Handwritten notes:
Austin Powder
Quantity
Approved
Melt pour
do not touch
place

EX 12

7:30pm

pizza

Melt pour
piece ident. cal.
pitch-solder
to J.
modify
I change
to approve

BAE is filling
BOOSTER CHARGES
with fill &
assemblies
supplied by
customer.
customer has
EX & UN #

IF BAE IS
filling, CAN THE
EX & UN #
USE MUST THE
customer go thru approval
office

ORDNANCE SYSTEMS INC.
4509 West Stone Drive
Kingsport, Tennessee 37660-9982
Telephone (423) 578-8010
Fax (423) 578-8054

POWDER COMPANY

WORKS
430 POWDER PLANT RD.



McARTHUR

P. O. BOX 317
McARTHUR, OHIO 45651
TELEPHONE 740-596-5286

Jerry Hammonds, Manager Explosive Division
Ordinance Systems Inc.
4509 W Stone Drive
Kingsport, TN 37660

Dear Jerry,

We are authorizing your company to mark and ship the Hornet Booster
Box with UN0042 and Ex No. 9303285.

Sincerely

Victor Cole
Transportation Manager