CLASSIFICATION OF EXPLOSIVES

Based upon a request by Owen Oil Tools, P.O. Box 40150, Fort Worth, TX, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations, (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:
Charges, shaped, UN0440

U.N. CLASSIFICATION CODE: 1.4D

REFERENCE NUMBER
EX2003040091

PRODUCT DESIGNATION/PART NUMBER

NOTES:
None.

DATED: May 5, 2003

Approved by:

Robert A. McGuire
Associate Administrator for Hazardous Materials Safety

Tracking No: 2003040458
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PRODUCT DESIGNATION/PART NUMBER

NOTES: None.

DATED: May 5, 2003

Approved by:

Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

Tracking No: 2003040458
December 13, 2005

Associate Administrator for Hazardous Materials Safety
Pipeline and Hazardous Materials Safety Administration
U.S. Department of Transportation
Office of Approvals, PHH-32
400 7th Street, SW
Washington, DC  20590-0001

OCS Project: OOT-APRV-014A
Client: Owen Oil Tools LP
Subject: Modification of Approval
File No: 0100.014A

Dear Associate Administrator:

This application for modification of an explosives approval is submitted on behalf of Owen Oil Tools LP.

Section under which application is made 49 CFR 107.705(a)(2)

49 CFR §173.51(a), §173.56(b)(1), §173.56(f), and §173.58

Approval, registration, or exemption number 49 CFR 107.705(a)(3)

EX2003040091

Name, address, and telephone number of the applicant 49 CFR 107.705(a)(4)

Applicant: Owen Oil Tools LP
12001 County Road 1000
Godley, TX  76044

Mailing Address: Owen Oil Tools LP
c/o Owen Compliance Services, Inc.
P.O. Box 765
Godley, TX  76044-0765

Information Contact: David W. Boston
President
Owen Compliance Services, Inc.
P.O. Box 765
Godley, TX  76044-0765
Tel:  +1 (817) 551-6494 x 1005 (direct)
Tel:  +1 (817) 551-0660 (office)
Fax: +1 (817) 396-4584
e-mail: david.boston@corelab.com

Delivery via e-mail to approvals@dot.gov
Designation of service agent for foreign applicants  
49 CFR 107.705(a)(5)

Not a foreign applicant

Description of activity  
49 CFR 107.705(a)(6) & 107.705(b)(1)

Modification of approval EX2003040091 (Attachment 1) as follows:

1. Change authorized n.e.w. range from 14.5 – 28.0g to 0.1 – 28.0g (i.e., reduction in lower limit of range). See “Additional information” section below for a discussion of this revision.

2. Add the products listed in Table 1 to the list of items authorized under this approval.

3. Revise the Classification of Explosives letter to update the holder’s address and to update the listing under “PRODUCT DESIGNATION/PART NUMBER” as shown in the attached copy.

Additional information  
49 CFR 107.705(a)(7) & 107.705(b)(4)

EX2003040091 authorizes Owen Oil Tools “OOT-APRV-014B Encapsulated Perforator Family” and its individual members. At this time, Owen Oil Tools is seeking to expand the range of n.e.w. authorized under EX2003040091 by reducing the lower limit of the authorized range from 14.4g to 0.1g. EX2003040091 authorizes these products as:

| ID No: | UN0440 |
| Description: | Charges, shaped |
| Class: | 1.4D |
| Packing Group: | II |

Products in this family have been examined and tested by the Canadian Explosives Research Laboratory (CERL) and approved by Chief Inspector of Explosives, Natural Resources Canada (NR Canada). When originally submitted to NR Canada for consideration, Owen Oil Tools believed that perforators in the n.e.w. range of 0.1 – 16.5g would achieve approval as UN0441, 1.4S. This belief was based upon the testing performed by Owen Oil Tools and described in Attachment 4 to its application for testing, classification, and approval (Attachment 2) submitted to NR Canada. Subsequent testing at CERL did not support Owen Oil Tools’ belief; therefore, CERL recommended approval as UN0440, 1.4D in its Report CIE 10592 (Attachment 3). NR Canada accepted this recommendation and issued its approval of “OOT-APRV-014A Encapsulated Perforator Family” as UN0440, 1.4D in Approval Certificate No. XP 2050-O8-02080803 (Attachment 4).

Since the classification issued by Canada for the family OOT-APRV-014A is the same as that of the already approved OOT-APRV-014B (EX2003040091), Owen is abandoning the designation “OOT-APRV-014A” and including those items under “OOT-APRV-014B”.

Proposed duration of approval  
49 CFR 107.705(b)(2)

No duration is proposed. Currently, explosives approvals remain effective until the product has been changed in a manner to render it a new explosive as provided for in 49 CFR 173.56(a)(2).
Table 1 – List of Items to be added to EX2003040091

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<th>Part Number</th>
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Transport mode(s) affected  
49 CFR 107.705(b)(3)
Highway, air, rail, and vessel.

Safety assessment  
49 CFR 107.705(b)(5)(i)
The evaluation by CERL indicates that the product meets the requirements for acceptance into hazard class 1.4D  No increased risk to safety of property will result if modification of the approval is granted.
Substantiation 49 CFR 107.705(b)(5)(ii)

Product has been examined and meets acceptance criteria for the hazard class, division, compatibility group, and ID numbers specified above. Please see NR Canada Approval Certificate No. XP 2050-O8-02080803, CERL Report CIE 10592, and supporting application for additional details.

Confidential Treatment 49 CFR 107.705(d) & 107.5(a)

Not requested

Thank you very much for your consideration of this application. We look forward to receiving the requested approval.

Sincerely,

David W. Boston
President

Attachments: 
Attachment 1: EX-2003040091
Attachment 2: OOT Application for Examination & Approval (Canada)
Attachment 3: CERL Report CIE 10592
Attachment 4: NR Canada Approval Certificate No. XP 2050-O8-02080803