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

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

JUL 18 1996

DOT-E 11346
(FIRST REVISION)

EXPIRATION DATE: December 1, 1996.
PTE-8 expires 6/30/98.

(FOR RENEWAL, SEE 49 CFR SECTION 107.105.)

1. GRANTEE: Halliburton Energy Services
Houston, TX
(See Appendix A of this exemption)

2. PURPOSE AND LIMITATION: This exemption authorizes the transportation in commerce of certain Division 1.1D and 1.4D charged jet perforating guns with Division 1.1B or 1.4B electric detonators affixed, subject to the limitations and special requirements specified herein, and provides no relief from any regulation other than as specifically stated herein.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR Sections 173.61, 173.62(c) (Packing Method US006) 176.166(b), 177.835(g), only insofar as they address initiation devices affixed to or installed in jet perforating guns.

5. BASIS. This exemption is based on Halliburton Energy Services application dated June 14, 1994, submitted in accordance with 49 CFR 107.105. (See Appendix A of this exemption).

6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous materials description/proper shipping name	Hazard Class/ Division	Identification Number	Packing Group
Jet perforating guns, charged	1.1D	UN0124	II
Jet perforating guns, charged	1.4D	NA0124 UN0494	II

7. PACKAGING AND SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging shall be as prescribed in Packing Method US006 of 49 CFR Section 172.62(c), except that the detonators shall be permitted to be directly affixed to the charged jet perforating guns.

b. SAFETY CONTROL MEASURES -

(i.) All wire leads and wire lead bundles of the detonators, electric shall be securely affixed to the jet perforating guns, charge to prevent movement during shipment and be properly shunted.

(ii.) A means to interrupt and prevent detonation of the detonator from initiating the detonating cord must be installed between each electric detonator and the detonating cord ends of the jet perforating guns before the charged jet perforating guns are offered for transportation.

8. SPECIAL PROVISIONS.

a. Persons who receive packages covered by this exemption may reoffer them for transportation, provided no modifications or changes are made to the packages, all terms of this exemption are complied with and a current copy of this exemption is maintained at each facility from which such reoffering occurs.

b. Shippers using the packaging covered by this exemption must comply with all provisions of this exemption, and all other applicable requirements contained in 49 CFR Parts 171-180.

9. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle and cargo vessel

10. MODAL REQUIREMENTS:

a. Transportation must only be by private carriers engaged in oil well operations.

b. Transportation is only authorized from the jet perforating gun assembly site to the job site.

c. Cargo vessels shall be limited to off-shore supply vessels engaged in oil well operations.

d. Vehicle and vessel operators must be instructed as to the necessary safeguards and proper procedure in the event of unusual delay, fire or accident.

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10. e. A copy of this exemption must be carried aboard each cargo vessel or motor vehicle used to transport packages covered by this exemption.

11. COMPLIANCE. Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by Federal hazardous materials transportation law 49 U.S.C. 5101 et seq:

- All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- Registration required by 49 CFR 107.601 et seq., when applicable.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect unless a regulation has been amended making the exemption no longer necessary.

12. REPORTING REQUIREMENTS. The carrier is required to report any incident involving fire, explosion or loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (49 CFR 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incidents involving the package and shipments made under the terms of this exemption.

Issued at Washington, D.C.:

for Marilyn E. Morris July 18, 1996

Alan I. Roberts (DATE)
Associate Administrator
for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590. Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

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