



Swedish Civil
Contingencies
Agency

1 (1)

Our date
2011-01-21
Your date
2011-01-17

Registration No
2011-312
Your reference
Staffan Karlsson

Risk & Vulnerability Reduction Department
Hazardous Substances Section
Agneta Jansson
+46 10 240 5227
agneta.jansson@msbmyndigheten

TO WHOM IT MAY CONCERN

Certificate

In our capacity as competent authority for questions dealing with explosives in Sweden we hereby certify that below mentioned product produced by SwETech AB, Karlskoga, Sweden are in accordance with the Swedish Act (SÄIFS 1997:4) and Council Directive 93/15/EEC on the harmonization of the provisions relating to the placing on the market and supervision of explosives for civil uses, EC-typed by INERIS, France. The product is classified in accordance with the Swedish Act (MSBFS 2009:2 and MSBFS 2009:3) recommendation of Transport of Dangerous Goods. Additional to this 6d-test has been provided to this product.

NAME OF PRODUCT	TECHNICAL NAME	UN- NO	UN- CLASS	SPECIAL PROVISIONS
Colliding Detonationdrill collar Cutter, CDC typ 1	Charges, Shaped, without detonator	0441	1.4S	Package according to the packaging instructions P137

This certificate is valid until 1th of January 2021.

Ingemar Malmström
Head of Section



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MSB Swedish Civil Contingencies Agency

Postal address:
SE-651 81 Karlstad

Street addresses:
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Org Reg No
202100-5984



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NAME OF PRODUCT	TECHNICAL NAME	UN- NO	UN- CLASS	SPECIAL PROVISIONS
Colliding Detonationdrill collar Cutter, CDC typ 2	Charges, Shaped, without detonator	0441	1.4S	Package according to the packaging instructions P137

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NAME OF PRODUCT	TECHNICAL NAME	UN- NO	UN- CLASS	SPECIAL PROVISIONS
Colliding Detonationdrill collar Cutter, CDC typ 3	Charges, Shaped, without detonator	0441	1.4S	Package according to the packaging instructions P137

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NAME OF PRODUCT	TECHNICAL NAME	UN- NO	UN- CLASS	SPECIAL PROVISIONS
Colliding Detonationdrill collar Cutter, CDC typ 4	Charges, Shaped, without detonator	0441	1.4S	Package according to the packaging instructions P137

This certificate is valid until 1th of January 2021.

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NAME OF PRODUCT	TECHNICAL NAME	UN- NO	UN- CLASS	SPECIAL PROVISIONS
Colliding Detonationdrill collar Cutter, CDC typ 5	Charges, Shaped, without detonator	0441	1.4S	Package according to the packaging instructions P137

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U.S. Department
of Transportation

Research and
Special Programs
Administration

The US Department of Transportation
Competent Authority for the United States

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

CLASSIFICATION OF EXPLOSIVES

Based upon a request by Dianna L. Shade on behalf of D.A.T.E. International, Inc., 2700 Broening Highway, Suite 205, Baltimore, Maryland, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR).

U.N. PROPER SHIPPING NAME AND NUMBER:

Charges, shaped, commercial without detonator, UN0441

U.N. CLASSIFICATION CODE: 1.4S

REFERENCE NUMBER

EX-9311049

PRODUCT DESIGNATION/PART NUMBER

Colliding Detonation Drill Collar Cutter

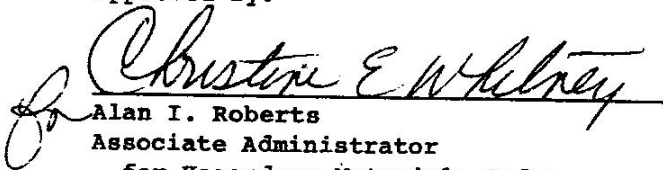
*** The following is provided to facilitate transition to the UN system ***

Classification under Sections 173.86 or 173.114a (49 CFR):

DOT DESCRIPTION/COMMERCIAL NAME: Oil well cartridge

DOT HAZARD CLASSIFICATION: Class C explosive

Approved by:


Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

NOV 17 1993

(DATE)