Title:	Authorization for Testing and Use of Products in Exploration
Number:	ED2006-14
Program Name:	Operations
Effective Date:	Nov 8, 2006
This document was updated on:	Dec 1, 2013

### **Background**

Under Section 42 of the *Exploration Regulation (AR 284/2006)*, the program licensee and the program permittee as defined in Sections 1(ee) and 1(ff) of the *Exploration* Regulation shall use only the products approved by the Alberta Energy Regulator (AER). The requirements and procedures for research, testing and obtaining product approval are described in this directive.

### Requirements

Approval from the AER is required for research and testing of any product to be used as part of an approved exploration program. Products include survey markers, permit tags, shot hole plugs and sealing products. The research and testing of a new product can occur as part of an approved exploration program providing the AER has issued written approval for the research and testing of a proposed product within the conduct of an approved exploration program.

#### **Procedure**

Authorization for Research and Testing

A written request for authorization to research and/or test a product as part of an approved exploration program must be submitted to the AER **before** conducting any product research or testing in a program of exploration. The request must include:

- 1. Detailed description of what is being tested.
- 2. Detailed description of how the proposed product will be used in the field.
- 3. Details of the exact location within the exploration program in which the proposed product will be tested.
- 4. Methodology to be used for testing.

#### **Authorization for Continuous Use**

A written request for authorization must be submitted to the AER to obtain approval for the product to be used on a continuous basis. This request must include an example of the product, applicable Material Safety Data Sheets for the product, a copy of the information/data, and the conclusions drawn by the proponent from testing the product. If the product is determined by the AER to be acceptable, an authorization to use the product on an ongoing and continuous base will be issued to the proponent for a specified period of time.

Upon expiry of the authorization for the product, the proponent must re-apply to the AER to have the authorization reinstated. The AER may:

- Re-authorize use of the product,
- Request that further information be provided before reinstating the authorization, or
- Not reinstate the product authorization.

#### Attached are the approved products:

- Attachment 1 approved permit tags
- Attachment 2 approved hole plugs
- Attachment 3 approved sealing products
- Attachment 4 survey markers

## **Enforcement/Compliance**

Enforcement policy and procedures are currently under review and this directive will be updated accordingly.

#### **AER Contact Information:**

Alberta Energy Regulator Twin Atria Bldg., 4<sup>th</sup> Floor 4999 – 98 Avenue Edmonton, Alberta T6B 2X3

Phone: 1-855-297-8311 E-mail: inquiries@aer.ca

**Authorities** Mines and Minerals (Part 8) and Exploration Regulation (AR 284/2006)

Approved	Original Signed
	Kem Singh
	Executive Director of Land and Forestry Policy
	Environment and Sustainable Resource Development

## **Attachment 1**

## **Approved Seismic Permit Tag**

#### **Product Name:**

Metal Permit Tag (Gauge 11)

## Effective date of product approval:

November 8, 2006

## **Expiry date of approval:**

Continuous

### **Approval Holder:**

Allied Supplies & Services Ltd. 5501 – 1A Street SW Calgary, Alberta T2H 0E6

Product was approved for use in geophysical operations within the province of Alberta under Section 42 of the *Exploration Regulation (AR 284/2006)*.

# Authorized by:

Laurice Block, Head, Exploration Unit Sustainable Resource Development Lands Division Land Management Branch 3rd Floor, 9915 – 108 St. Edmonton, Alberta T5K 2G8

### **Attachment 2**

## **Approved Shot Hole and Test Hole Plug**

## **Product Name:**

Cling II plug

## **Effective date of product approval:**

September 15, 1998

## **Expiry date of approval:**

**September 15, 2018** 

## **Approval Holder:**

ACE Explosives 206 - 1935-32 Ave. NE Calgary, Alberta T2E 7C8



(bottom - side view)

Product was approved for use in geophysical operations within the Province of Alberta under Section 34 of the *Exploration Regulation 214/98*.

## **Authorized by:**

### **Product Name:**

Tiger Hole Plug

## **Effective date of product approval:**

November 30, 1998

## **Expiry date of approval**

September 15, 2018

## **Approval Holder:**

Lorries Shot Hole Supplies Ltd. 28 Gordon Cres. St. Albert, Alberta T8N-0V6



(top view)

Product was approved for use in geophysical operations within the Province of Alberta under Section 34 of the *Exploration Regulation 214/98*.

## **Authorized by:**



(bottom view)

### **Product Name:**

**Energy Plug** 

## Effective date of product approval:

September 15, 1998

# **Expiry date of approval:**

September 15, 2018

# **Approval Holder:**

Anchortek 2340-24 Ave. NE Calgary, Alberta T2E 7N9



(side view)

Product was approved for use in geophysical operations within the Province of Alberta under Section 34 of the *Exploration Regulation 214/98*.

# Authorized by:

Laurice Block, Head, Exploration Unit Sustainable Resource Development Lands Division Petroleum Land Use & Reclamation Section Land Management Branch 3rd Floor, 9915 108 Street NW Edmonton, Alberta T5K 2G8



(top view)

## **Product Name:**

King Plug Effective date of product approval: September 15, 1998

## **Expiry date of approval:**

September 15, 2018

## **Approval Holder:**

Almecon Industries LTD. 2671- 96St. Edmonton, Alberta T6H-4N9



(top view)

Product was approved for use in geophysical operations within the Province of Alberta under Section 34 of the *Exploration Regulation 214/98*.

### **Authorized by:**



(side view)

### **Product Name:**

Lock Twist Plug

## **Effective date of product approval:**

September 15, 1998

## **Expiry date of approval:**

September 15, 2018

# **Approval Holder:**

Anchortek 2340-24 Ave., NE Calgary, Alberta T2E 7N9



(top view)

Product was approved for use in geophysical operations within the Province of Alberta under Section 34 of the *Exploration Regulation 214/98*.

### **Authorized by:**

Laurice Block, Head, Exploration Unit Sustainable Resource Development Lands Division Petroleum Land Use & Reclamation Section Land Management Branch 3rd Floor, 9915 108 Street NW Edmonton, Alberta T5K 2G8



(side view)

#### **Product Name:**

Neutron Perma Plug

# Effective date of product approval:

September 15, 1998

## **Expiry date of approval:**

September 15, 2018

## **Approval Holder:**

North American Nutron 4318-76<sup>th</sup> Ave. Edmonton, Alberta T6B 2H8



(top view)

Product was approved for use in geophysical operations within the Province of Alberta under Section 34 of the *Exploration Regulation 214/98*.

# Authorized by:



(side view)

### **Product Name:**

Prince Plug

## **Effective date of product approval:**

September 15, 1998

## **Expiry date of approval:**

September 15, 2018

# **Approval Holder:**

Almecon Industries LTD. 2671- 96St. Edmonton, Alberta T6H-4N9



(side view)

Product was approved for use in geophysical operations within the Province of Alberta under Section 34 of the *Exploration Regulation 214/98*.

## **Authorized by:**



(bottom view)

#### **Product Name:**

Queen Plug

## Effective date of product approval:

September 15, 1998

## **Expiry date of approval:**

September 15, 2018

## **Approval Holder:**

Almecon Industries LTD. 2671- 96St. Edmonton, Alberta T6H-4N9



(top view)

Product was approved for use in geophysical operations within the Province of Alberta under Section 34 of the *Exploration Regulation 214/98*.

## Authorized by:



(bottom view)

#### **Product Name:**

Seis Plug

### **Effective date of product approval:**

September 15, 1998

## **Expiry date of approval:**

September 15, 2018

### **Approval Holder:**

**ACE Explosives** 206, 1935-32 Ave., NE Calgary, Alberta T2E 7C8

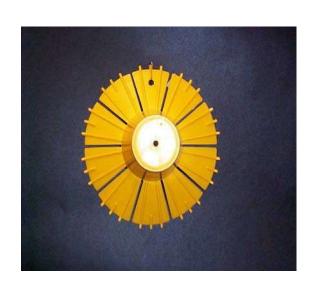


(top view)

Product was approved for use in geophysical operations within the Province of Alberta under Section 34 of the Exploration Regulation 214/98.

## **Authorized by:**

Laurice Block, Head, Exploration Unit Sustainable Resource Development **Lands Division** Petroleum Land Use & Reclamation Section Land Management Branch 3rd Floor, 9915 108 Street NW Edmonton, Alberta T5K 2G8



(bottom view)

### **Product Name:**

Spider Plug

## Effective date of product approval:

September 15, 1998

## **Expiry date of approval:**

September 15, 2018

# **Approval Holder:**

Anchortek 2340-24 Ave., NE Calgary, Alberta T2E 7N9



(top view)

Product was approved for use in geophysical operations within the Province of Alberta under Section 34 of the *Exploration Regulation 214/98*.

## Authorized by:

#### **Attachment 3**

## **Approved Seismic Shot Hole and Test Hole Sealing Product**

### **Product Name:**

Swell Plug Product

### Effective date of product approval:

November 18, 1998

### **Expiry date of approval:**

September 15, 2018

## **Approval Holder:**

D.N.S. Consulting Ltd. 4 Midpark Close S.E. Calgary, Alberta T2X 1S4

Product was approved for use in geophysical operations within the Province of Alberta under Section 42 of the *Exploration Regulation* (AR 284/2006).

## Authorized by:

#### **Product Name:**

Rigid Foam Plug

## **Effective date of product approval:**

September 15, 1998

# **Expiry date of approval:**

September 15, 2018

#### **Approval Holder:**

Ace Explosives ETI 206-1935 32 Ave., NE Calgary, Alberta T2J 5V9

Product was approved for use in geophysical operations within the Province of Alberta under Section 42 of the *Exploration Regulation* (AR 284/2006).

## Authorized by:

#### **Product Name:**

ABI, INC. Bentonite Plug

## **Effective date of product approval:**

September 15, 1998

## **Expiry date of approval:**

September 15, 2018

## **Approval Holder:**

Marquis Fluids Inc. 2810 – 715 5 Avenue S.W. Calgary, Alberta T2P 2X6

Product was approved for use in geophysical operations within the province of Alberta under Section 42 of the *Exploration Regulation (AR 284/2006)*.

## **Authorized by:**

### **Product Name:**

**CETCO Bentonite Product** 

## **Effective date of product approval:**

September 15, 1998

## **Expiry date of approval:**

September 15, 2018

### **Approval Holder:**

Rice Engineering & Operation Ltd. 8505 Argyll Road Edmonton, Alberta T6C 4B2

Product was approved for use in geophysical operations within the Province of Alberta under Section 42 of the *Exploration Regulation* (AR 284/2006).

## **Authorized by:**

### **Product Name:**

Bentonite Mesh Plug

## **Effective date of product approval:**

December 31, 2002

## **Expiry date of approval:**

September 15, 2018

### **Approval Holder:**

Clair Dow 14235 Deer Ridge Drive S.E. Calgary, Alberta T2J 5V9

Product was approved for use in geophysical operations within the Province of Alberta under Section 42 of the *Exploration Regulation* (AR 284/2006).

## **Authorized by:**

#### **Product Name:**

Foam Stem Plug

## **Effective date of product approval:**

September 15, 1998

## **Expiry date of approval:**

September 15, 2018

### **Approval Holder:**

Clair Dow 14235 Deer Ridge Drive S.E. Calgary, Alberta T2J 5V9

Product was approved for use in geophysical operations within the Province of Alberta under Section 42 of the *Exploration Regulation* (AR 284/2006).

## **Authorized by:**

#### **Product Name:**

**Baroid Industrial Drilling Products** 

## **Effective date of product approval:**

September 15, 1998

## **Expiry date of approval:**

September 15, 2018

### **Approval Holder:**

Falcon GDP Inc. 10217 Crystal Drive Chilliwack, British Columbia V2P 7B8

Product was approved for use in geophysical operations within the Province of Alberta under Section 42 of the *Exploration Regulation* (AR 284/2006).

## **Authorized by:**

#### **Product Name:**

Black Hills Bentonite, LLC – Bentonite Plug Product

## **Effective date of product approval:**

September 17, 1998

## **Expiry date of approval:**

September 17, 2018

#### **Approval Holder:**

Falcon GDP Inc. 10217 Crystal Drive Chilliwack, British Columbia V2P 7B8

Product was approved for use in geophysical operations within the Province of Alberta under Section 42 of the *Exploration Regulation* (AR 284/2006).

## **Authorized by:**

#### **Product Name:**

Black Hills Bentonite, LLC – Bentonite Plug Product

## **Effective date of product approval:**

September 17, 1998

## **Expiry date of approval:**

September 15, 2018

#### **Approval Holder:**

Falcon GDP Inc. 10217 Crystal Drive Chilliwack, British Columbia V2P 7B8

Product was approved for use in geophysical operations within the Province of Alberta under Section 42 of the *Exploration Regulation* (AR 284/2006).

## Authorized by:

#### **Product Name:**

Liquid Tamp

## Effective date of product approval:

September 15, 1998

# **Expiry date of approval:**

September 15, 2018

## **Approval Holder:**

Thermo Star Products Ltd. 800 – 605 5 Avenue S.W. Calgary, Alberta T2P 3H5

Product was approved for use in geophysical operations within the Province of Alberta under Section 42 of the *Exploration Regulation* (AR 284/2006).

## **Authorized by:**

#### **Product Name:**

**Swell Plug Products** 

## **Effective date of product approval:**

September 17, 1998

## **Expiry date of approval:**

September 15, 2018

### **Approval Holder:**

Taurus Salt Company Ltd. P.O, Box 298 Cardston, Alberta TOK 0K0

Product was approved for use in geophysical operations within the Province of Alberta under Section 42 of the *Exploration Regulation* (AR 284/2006).

## Authorized by:

### **Product Name:**

**Econoplug Bentonite Product** 

## **Effective date of product approval:**

September 15, 1998

### **Expiry date of approval:**

September 15, 2018

# **Approval Holder:**

Austin Powder Ltd. 3810 7 Street, SE Calgary, Alberta T2G 2Y8

Product was approved for use in geophysical operations within the Province of Alberta under Section 42 of the *Exploration Regulation* (AR 284/2006).

## Authorized by:

### **Attachment 4**

# **Approved Seismic Survey Marker**

#### **Product Name:**

Ramin I Pin Flag

## Effective date of product approval:

September 15, 1998

## **Expiry date of approval:**

September 15, 2018

## **Approval Holder:**

D.N.S. Consultants Ltd. 4 Midpark Close S.E. Calgary, Alberta T2X 1S4

Product was approved for use in geophysical operations within the Province of Alberta under Section 42 of the *Exploration Regulation (AR 284/2006)*.

## Authorized by:

#### **Product Name:**

Step-in Flag

## Effective date of product approval:

February 1, 1999

### **Expiry date of approval:**

September 15, 2018

## **Approval Holder:**

Anchortek Ltd. 2320 24 Avenue N.E. Calagary, Alberta T2E 7N9

Product was approved for use in geophysical operations within the Province of Alberta under Section 42 of the *Exploration Regulation (AR 284/2006)*.

# Authorization was give by:

#### **Product Name:**

Greenstik Pin Flag Pin Flag

## **Effective date of product approval:**

December 14, 1998

## **Expiry date of approval:**

September 15, 2018

### **Approval Holder:**

Bryco Manufacturing Ltd. 11-6230 3<sup>rd</sup> St S.E. Calgary, Alberta T2H 1K4

Product was approved for use in geophysical operations within the Province of Alberta under Section 42 of the *Exploration Regulation (AR 284/2006)*.

# Authorization was give by:

### **Product Name:**

Plastic Staff

## Effective date of product approval:

October 2, 1998

## **Expiry date of approval:**

September 15, 2018

## **Approval Holder:**

Bryco Manufacturing Ltd. 11-6230 3<sup>rd</sup> St S.E. Calgary, Alberta T2H 1K4

Product was approved for use in geophysical operations within the Province of Alberta under Section 42 of the *Exploration Regulation (AR 284/2006)*.

## Authorization was give by:

#### **Product Name:**

Wire Pin Flag

## **Effective date of product approval:**

November 18, 1998

## **Expiry date of approval:**

September 15, 2018

## **Approval Holder:**

Bryco Manufacturing Ltd. 11-6230 3<sup>rd</sup> St S.E. Calgary, Alberta T2H 1K4

Product was approved for use under Section 42 of the *Exploration Regulation (AR 284/*2006 for geophysical operations within the White Area of the Province of Alberta only with **consent of the landowner**. This product is not approved for use within surveyed road allowances of Alberta.

### Authorization was give by:

### **Product Name:**

F & W Seismic Pin Flag

## Effective date of product approval:

September 15, 1998

## **Expiry date of approval:**

**September 15, 2018** 

### **Approval Holder:**

F & W Industries 17850 106A Ave Edmonton, Alberta T5S 1V3

Product was approved for use in geophysical operations within the Province of Alberta under Section 42 of the *Exploration Regulation (AR 284/2006)*.

# Authorization was give by:

#### **Product Name:**

Enviro Flag

### Effective date of product approval:

September 15, 1998

## **Expiry date of approval:**

September 15, 2018

# **Approval Holder:**

Principal Geophysical Services and Products Inc. 5105 42 Street Ponoka, Alberta T4J 1C4

Product was approved for use in geophysical operations within the Province of Alberta under Section 42 of the *Exploration Regulation (AR 284/2006)*.

## Authorization was give by:

### **Product Name:**

Mark I Pin Flag

## Effective date of product approval:

September 15, 1998

### **Expiry date of approval:**

September 15, 2018

## **Approval Holder:**

D.N.S. Consultants Ltd. 4 Midpark Close SE Calgary, Alberta T2X 1S4

Product was approved for use in geophysical operations within the Province of Alberta under Section 42 of the *Exploration Regulation (AR 284/2006)*.

## Authorization was give by:

#### **Product Name:**

Mark II Pin Flag

## Effective date of product approval:

September 15, 1998

### **Expiry date of approval:**

September 15, 2018

### **Approval Holder:**

D.N.S. Consultants Ltd. 4 Midpark Close S.E. Calgary, Alberta T2X 1S4

Product was approved for use in geophysical operations within the Province of Alberta under Section 42 of the *Exploration Regulation (AR 284/2006)*.

# Authorization was give by:

#### **Product Name:**

Mark V Pin Flag

## **Effective date of product approval:**

September 15, 1998

## **Expiry date of approval:**

September 15, 2018

# **Approval Holder:**

D.N.S. Consultants Ltd. 4 Midpark Close S.E. Calgary, Alberta T2X 1S4

Product was approved for use in geophysical operations within the Province of Alberta under Section 42 of the *Exploration Regulation (AR 284/2006)*.

### Authorization was give by:

### **Product Name:**

Coroplast Pin Flag

## Effective date of product approval:

September 15, 1998

## **Expiry date of approval:**

September 15, 2018

# **Approval Holder:**

Prairie Land Services Ltd. 747 Whiston Court Edmonton, Alberta T6M 2H6

Product was approved for use in geophysical operations within the Province of Alberta under Section

42 of the Exploration Regulation (AR 284/2006).

## Authorization was give by: