



# AHV IV Vibrator Operator Training

(ION Part Number: 1019-010012)

## Course Information

### Course Description:

Students will receive academic instruction as well as practical hands-on. Topics covered during the classroom portion of the course include AHV IV essential systems, techniques for safe operation, weight distribution, oil and hydraulic systems, correct interpretation of system gauges, controls, situation awareness and safety. Hands-on exercises will require the participant to perform a pre-start inspection, start the vehicle, and shutdown the vibrator vehicle, leaving it in a safe state. Safe operation of the vehicle must be demonstrated in various modes over a route determined by the instructor. The route will include operation in close proximity to obstructions, tight turns, differing off-road terrain and on-road driving. Successful completion is determined through written test and demonstrated driving skill.

### Prerequisites:

Adequate mechanical knowledge to properly check and replenish vehicle fluid levels. Previous experience in the operation of heavy equipment is preferred.

**Course Fee:** \$500.00 per person (see [Terms and Conditions](#))

**Facility:** Stafford, TX USA

**Duration:** 1 day

**Scheduling:** Please send request to [training@iongeo.com](mailto:training@iongeo.com)



ION Geophysical Corporation  
12300 Parc Crest Drive  
Stafford, TX 77477 USA  
Tel: 1 281 552 3000  
Fax: 1 281 552 3150  
[www.iongeo.com](http://www.iongeo.com)



**ION Geophysical Corporation  
Land Imaging Systems  
Training Group**

**Daily Modules for AHV-IV Vibrator Vehicle Training**

Day One

1. Classroom Training (8:00am – Noon)
  - General Safety Guidelines
  - Identification of Interior Controls and Indicators
    - Explanation of Function
  - Identification of Exterior Controls and Indicators
    - Explanation of Function
  - Hydraulic System
    - Analysis of Interior Indicators
2. Field Operation (1:00pm – 5:00pm)
  - Pre-Start Inspection
    - Exterior Pre-Start Checklist
    - Interior Pre-Start Checklist
  - Engine Operation
    - Start-up Procedure
    - Shutdown Procedure
  - Vehicle Operation
    - Gear Selection
    - Differential Locking
    - Demonstration of Driving Abilities



**ION Geophysical Corporation  
Land Imaging Systems  
Training Group**

- Vibe System Operation
  - Auxiliary Lift Circuit
  - Pelton Vib Pro
  - Generating an Energy Point (EP)
- 3. Course review
- 4. Final Course Evaluation



**ION Geophysical Corporation  
Land Imaging Systems  
Training Group**

1.1 Training

1.1.1 Definitions

1.1.1.1 One (1) “training day” means eight (8) hours of instruction time per student, including breaks.

1.1.1.2 One “unit” of training is equal to one (1) training day.

1.1.2 Terms and Conditions

1.1.2.1 The purchase of one (1) unit of training is equal to one (1) day of training for one (1) individual.

1.1.2.2 Training units may be used after delivery of the system to Buyer, but will expire one (1) year after system delivery.

1.1.2.3 Class size will be limited to a maximum of four (4) students and require a minimum of two (2) students unless otherwise agreed to in writing by Buyer and Seller.

1.1.2.4 The training location will be agreed to by Buyer and Seller. The training location is required to, at all times, meet reasonable health and safety conditions. If, in the instructor’s opinion, a location selected by the Buyer at any time fails to satisfy the above conditions, the instructor may postpone the class until such time that the location satisfies the above conditions.

1.1.2.5 The Buyer will be responsible for all travel related expenses (including but not limited to airfare, lodging, meals, and local transportation) of their personnel attending training at any ION facility unless agreed to in writing by Buyer and Seller.

1.1.2.6 If Buyer requests that training be made available at Buyer’s site, Buyer will be responsible for travel and lodging expenses for the Seller’s instructor. Buyer will also be responsible for portal-to-portal charges and wage expenses for Seller’s instructor if travel is required outside of the standard ION workday and workweek.

1.1.2.7 Seller’s training classes delivered at the Buyer’s site will be performed at such times to conform to the standard ION workday and workweek unless agreed to in writing by Buyer and Seller. Buyer will be responsible for wage expenses for Seller’s instructor if training is required outside of the standard ION workday and workweek.



**ION Geophysical Corporation  
Land Imaging Systems  
Training Group**

- 1.1.2.8 Training will be conducted in English. If a translator is required, the Buyer will be responsible for providing, at Buyer's expense, a translator for the duration of the training.
- 1.1.2.9 If buyer requests documentation in any language other than English, the Buyer will be responsible for all costs associated with the translation of said documentation.
- 1.1.2.10 Additional training days may be purchased from ION. The current price per training day as of 07/01/07 is \$500.00. This price is subject to change without prior notification.
- 1.1.2.11 Buyer has the right to cancel any confirmed class or attendance of any prior registered student up to ten (10) business days prior to class start date with no charge to Buyer. If Buyer cancels the confirmed class or attendance of any registered student within ten (10) days prior to class start date, Buyer will pay 50% of the standard course cost per seat cancelled in cash.
- 1.1.2.12 Seller has the right to cancel any confirmed class up to ten (10) business days prior to class start date with no charge to Seller. If Seller cancels a confirmed class within ten (10) business days or misses the confirmed class date, Seller will deliver the subsequent class at 50% of the standard course cost to Buyer. If Seller is forced to cancel a confirmed class for reasons outside of Seller's control, such as weather, acts of terrorism, labor disputes, emergencies, fire, laws or regulations, or other reasons, Seller may cancel any confirmed class at any time at no charge to Seller.