# Hazardous Liquids Control Room Training Program

Pipeline Knowledge & Development has produced a video based training program for hazardous liquids pipeline control room operators. The program consists of 8 lessons ranging from Hydraulics and Hydraulic Tools to Abnormal Operations. The total length of the videos is about 9.5 hours. Clients use these lessons as the basis for their company training programs by supplementing the lessons with information about their specific pipeline systems, scada, leak detection, and work processes. Companies use their own Subject Matter Experts (SME)s to facilitate the training, following up with details applying to individual practices and systems. Table 1 contains a list of the lessons with approximate video length and pricing.

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| **Lesson Topic** | **Length** | **Price ($)** |
| 1. **Equipment and Components**
 | **2 hr 20 min** | **6,000** |
| 1. **Hydraulics and Hydraulic Tools**
 | **1 hr 38 min** | **5,000** |
| 1. **Central Control Room Operations**
 | **1 hr 15 min** | **3,300** |
| 1. **Scada and Controls**
 | **29 min** | **1,200** |
| 1. **Leak Detection**
 | **49 min**  | **2,200** |
| 1. **Power and System Optimization**
 | **44 min** | **1,900** |
| 1. **Advanced Operational Hydraulics**
 | **1 hr 1 min** | **2,600** |
| 1. **Abnormal Operations**
 | **1 hr 5 min** | **2,800** |

The first five operating companies to license the entire program receive a 10% discount. The videos are delivered to the client on a flash drive in mp4 format, the training manuals are in pdf format, and the questions with answers are in Microsoft Word Format.

**Module Updates and Improvements**

Beta users will supply critiques and comments to PKD as they use the materials. These critiques and comments will be used to update the lessons as needed and Revision 1.1 will be released in late 2017. Each company who has licensed any lessons from release 1.0 will receive an update to 1.1 on a complimentary basis for those lessons. After 2017, yearly reviews will be conducted and the lessons updated as needed. Existing customers will have the right to license updates at one half the rate which is charged to new customers for the same lessons.

**Package Components**

* High definition training video
* Color pdfs from which training manuals can be produced
* Question bank for lessons 1 - 6

**Contact information and inquiries**

All questions or inquiries should be addressed to Tom Miesner, tom@pipelineknowledge.com or, 281-467-3200.