

EPA - Telops papers submission announcement!

Telops\* Inc. announced today it has formally submitted its LDAR Methane Airborne Detection Solution to the U.S. Environmental Protection Agency\*\* (EPA) for approval. This submission covers all detection sensitivity tiers under the agency's new methane detection regulations in 40 CFR Part 60. Approval and use of Telops Inc.'s technology can significantly enhance methane emissions reduction efficiency in the oil and gas production sector.

The Telops' Methane Airborne Detection Solution is designed to survey assets in the upstream and midstream sector efficiently in order to detect, identify, and quantify methane leaks. The solution is based on the Hyper-Cam Airborne Mini sensor, a passive hyperspectral thermal imager capable of imaging methane emissions in real-time. The camera decomposes the infrared light into a multitude of contiguous spectral bands leading to a complete and detailed spectrum for every pixel in the image. The passive nature of the camera brings excellent detection performance over a wide range of conditions both day or night as well as over snow and water.

In addition to methane, many other gaseous hydrocarbons and VOCs can be detected with the same acquired data. Telops' Methane Airborne Detection Solution thus facilitates maintenance plans by providing clear and actionable reports about the locations of methane emissions.

\* Located in Quebec City, Canada, Telops designs and manufactures high-performance hyperspectral imaging systems and infrared cameras for defence, industrial, and academic research applications. Telops also offers R&D services for optical systems technology development in order to respond to the specific needs of its customers.

Telops has distinguished itself with the quality of its personnel and its innovative approach to the technological challenges of the optics and photonics field. Today, the expertise of its scientists, engineers and technicians and the performance of its infrared cameras and hyperspectral imagers are internationally recognized.

Since 2021, Telops is offering a Methane Airborne Methane Solution for the Oil & Gas Industry.

\*\* On March 8, 2024, the EPA released its final OOOOb and OOOOc rules, which establish emissions performance standards for new, modified, or reconstructed sources. The rules also provide emissions guidelines for existing infrastructure. Among these regulations are leak survey requirements for emissions detection at these facilities, and a new pathway for using advanced detection technologies to meet compliance standards.