

## Media Release

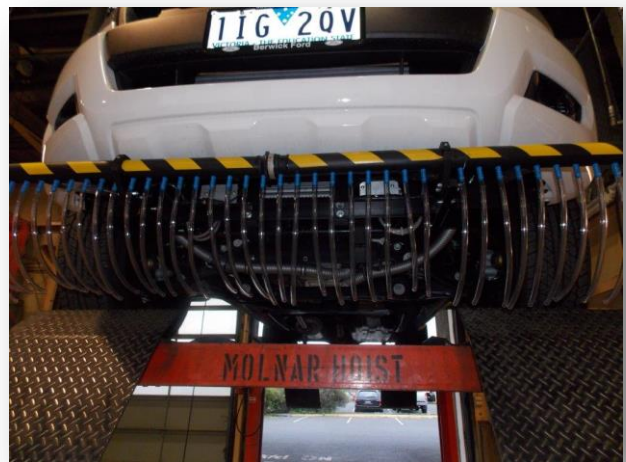
14 December 2016

### COMDAIN'S SOLUTION TO SELMA VEHICLE INSTALLATION

In November this year Comdain's workshop engineered and installed a gas leak detection device known as SELMA (Street Evaluating Laser Methane Analyser), to an APA leak detection vehicle. Claude Morandin (Comdain) oversaw the attachment of the unit to the vehicle which required ingenuity in order to comply with National Roadworthy certifications. Fitting of the unit to the vehicle has been attempted on previous occasions; however, the modifications required to deem the vehicle roadworthy made it increasingly difficult for APA to find a plausible solution. **Claude commented: "We knew the importance of this install and the team worked tirelessly with some very late nights. The benefits of this unit are as important to our client as they are to the general public."**

The leak detection component is mounted on the front bumper of a vehicle, with the pump, laser, mirrors and a laptop mounted in place of the passenger seat. Air sampling is carried out by a number of small plastic vacuum tubes at the front of the vehicle. The air is then filtered between two reflecting mirrors where the laser is emitted and reflected to analyse the gas sample.

Claude soon realised the need to fabricate a custom mounting bracket to the underside of the vehicle for the



air sampling component as well as a stand and bracket for the analysing equipment. The bespoke engineering plans were produced as there were no existing drawings or depictions to assist. Once completed, the unit was approved by Anthony Mahoney (APA Projects supervisor); approval was also sought by an external vehicle engineer ensuring the vehicle complied with road laws.

Claude and the team have documented the procedure to streamline future installations. A SELMA representative from Switzerland was flown in to oversee the installation for warranty purposes; he had the utmost praise for Comdain mechanics fitting the unit. **Anthony Mahoney** from APA has since sent a letter of appreciation, stating: **“This install project was quite complex with tight deadlines, due to the manufacturers engineer arriving in Melbourne for only five days. I would like to thank Claude for his high work ethic, Chris Crljen (Pergam Suisse ag) and the entire Comdain team for all their assistance and hard work.”**

APA will now have the opportunity to survey routes at speeds of up to 50 km/h, accurately plotting any gas leaks with GPS technology, and able to pick up discrepancies over large distances. This will be a major boost for APA to continuously ensure the integrity of its gas network and ensure public safety.



**For further information please contact Phil Purcell, Program Manager – Asset Management on 03 8405 0000.**

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#### About Comdain Infrastructure

Established in 1962, Comdain Infrastructure is a dynamic organisation with an enviable reputation for being a leading **Engineering** and **Asset Management** services business specialising in the water, irrigation and gas sectors.

Comdain is one of the leading water network design, construction and maintenance services partners in Australia with a strong focus on continuous improvement delivering lower total cost of ownership for the benefit of all stakeholders including asset owners, managers and end customers. We develop collaborative, long term relationships with our clients for maintenance and deliver of energy network infrastructure. We have a strong presence across Australia’s eastern seaboard, delivering over \$500m of infrastructure for both the private and government sectors over the last four years.

We are deliberately focused on having end-to-end capability in our areas of expertise. Our capability is demonstrated by our track record of achievement and it is underpinned by our commitment to complete the job regardless of what it takes. Robust management systems and processes exist to support our quality people who take full responsibility for their actions and pride in a job well done.

For more information about our capabilities across the water, irrigation and gas sectors, please visit us at: [www.comdaininfrastructure.com.au](http://www.comdaininfrastructure.com.au)