



RVI CERTIFICATIONS

Diversified Integrity Resources Inc. | info@dirinc.net



SUMMARY

Diversified Integrity Resources is committed to our clients and community, providing quality work and customer service while maintaining integrity and honesty within our industry. We specialize in Municipal, Commercial, & Industrial Sewer Cleaning and CCTV Inspections; however, our expertise does not stop there. Our company uses advisors, subject matter experts (SMEs), and coordinators to assist the client in assessing their assets, developing remedial solutions, and supporting remediation strategies so our clients can continue using their existing assets for many years to come.

Through the use of innovative new technologies, we are in the business of helping our clients, and neighbors, instead of trying to upsell a product. We are devoted to finding the best solution for our clients at a budget-friendly pricing scale. In addition, we will never sell a product or service that is not necessary. In order to avoid costly replacement of assets, we practice and use modern technologies like in-line service repairs, when possible, to avoid costly construction costs - like open excavations for full asset replacements.

We are more than happy to assist you with your municipal and industrial sewer issues. Whether your pipes are broken, corroded, or clogged; you can count on the professionals at Diversified Inspection Resources to make every effort possible to resolve your technical challenges with cost effective solutions.



REMOTE VIDEO INSPECTION (RVI) EQUIPMENT CSA/CAN/UL/IEC CERTIFICATIONS

Diversified Integrity Resources Inc. (DIR) is committed to promoting health and safety at all levels. Management and supervision are responsible for ensuring safe and healthy work environments, without exception, for all of our employees. The overall goal is to carry out our work with Zero harm to people or the environment. The way we treat our clients, our staff, and our neighbours reflects who we are, what we believe in, and how we do our work. At DIR, we are committed to providing and maintaining a healthy and safe workplace to ensure everyone returns home injury-free each day.

As part of this commitment for Safety Excellence and after a considerable amount of due diligence and research Diversified Integrity Resources has found a suitable manufacturer of Remote Video Inspection (RVI) Equipment to perform pipe and asset inspections within our clients' hazardous atmospheres, environments, and classified areas. We have also taken the due diligence to create safe work practices which outline the minimum requirements and restrictions for using the supporting non-intrinsically safe components of the equipment within an operating facilities boundary as well.

A German manufacturer has been chosen by Diversified Integrity Resources as its primary supplier of Explosion Proof equipment for use in both the United States and Canada. After extensive research and communication with this manufacturer we have confirmed that they have a quality assurance and production process for the equipment and protective systems intended for use in potentially explosive atmospheres under the directive for electrical components and equipment exported out of Germany. As part of Diversified Inspection Resources quality assurance and practices we will continue to work with the manufacturer to ensure continued validity of the quality assurance certificates.

As part of the process for the manufacturer to export its equipment for use in explosive atmospheres and environments the manufacturer has also worked diligently with a certification body to have its equipment tested for compliance with the essential health and safety standard recognized by the IEC (International Electrotechnical Commission) which meets the requirements for:

- EN 60079-0 Construction, testing and marking of Explosion Proof (EX) Components intended for use in explosive environments.
- EN 60079-7 Construction, testing and marking of electrical equipment and EX components with type of protection and increased safety "e" intended for use in explosive gas atmospheres.
- EN 60079-2 Construction, testing of electrical equipment with pressurized enclosures, type of protection "p", intended for use in explosive gas atmospheres or explosive dust atmospheres.

As part of Diversified Integrity Resources continued commitment for Safety Excellence, we then acquired the appropriate NRTL's (Nationally Recognized Testing Laboratory) certificates for each component that will be used in both the United States and Canada. The manufacturer uses a recognized

testing association as it's trusted partner of choice for testing, certification, and auditing of its components imported into both the United States and Canada. This certifying entity is a United States Occupational Safety and Health Administration (OHSA) recognized NRTL, and Standards Council of Canada accredited certification body. Each of the components intended for use in Canada was voluntarily tested according to the relevant UL (Underwriters Laboratories) and CAN/CSA (National standard of Canada published by the Canadian Standards Association and approved by the Standards Council of Canada) and IEC (International Electrotechnical Commission) standards.

As part of the process to inform the client on how Diversified Integrity Resources manages its training and competency program for its operators using ATEX equipment in hazardous atmospheres, it has created detailed Codes of Practice and Safe Work Procedures. As part of the training and on-boarding process at Diversified Integrity Resources each of its employees will review each of the Codes of Practice and Safe Work Procedures, along with the ATEX manuals for each piece of equipment and components being used and then have them sign the Handover Report for ATEX Systems at the back of each manual. These manuals will be reviewed when any changes occur, and on an annual basis, and the handover reports will be updated accordingly. There will also be an intensive hands-on training period where all new employees and operators must be deemed competent before they can perform any inspections on their own.

The chosen manufacturer also uses an advanced level platform of technology and monitoring systems for its ATEX equipment, where not only does the unit as a whole registers its inerted gas pressures for compliance (EX) within its software during use, but also has the ability to monitor each components' inerted pressures separately within its operating system while an inspection is being carried out within a hazardous atmosphere. Within the devices software each component connected to the ATEX system will have continuous current reading and monitoring of pressures within each component. If each and every component is not compliant (pressurized), the EX-status of the equipment will not be confirmed. Until all issues and pressures are established no inspections can be performed and the status will not show as ready to proceed. If at any time during the inspection process the pressures within any individual unit or component drops below 500mBar of inerted pressure the video will be terminated, and a warning message will be displayed on the screen requesting acknowledgement of the operators understanding that there is a change in pressure. If at any time during the inspection process the pressures within any individual unit or component rises beyond 1500mBar of inerted pressure the video will be terminated, and a warning message will be displayed on the screen requesting acknowledgement of the operators understanding that there is a change in the increase of pressure within the system. Whenever a warning has been indicated DIRs Code of Practice is to discontinue the inspection immediately, remotely de-energize the system (by controller module) and remove from the inspection system manually. The equipment will be immediately taken out of service and sent in for inspection and repair. Understanding of these operating practices and procedure will be an important and significant process in DIRs training and competency evaluations.

The last and most important part of DIRs compliance for using ATEX equipment in hazardous atmospheres and environments is maintenance, storage, upkeep, inspections, and repairs. The manufacturer of the equipment distributes its equipment here in Canada by a company based out of the Edmonton (AB) region. A critical part of Diversified Inspection Resources choice for the procurement of

equipment from this specific distributor was that they have technicians in Canada that are specially trained to work on ATEX Certified equipment. Each of these technicians must be re-certified annually to work on the equipment used for ATEX inspections. As part of the compliance for using ATEX equipment repairs, and testing must be performed by an ATEX recognized technician only. At no time will DIR try to perform any repairs or testing themselves. Each DIR operator will be trained and educated on how to perform regular maintenance both pre and post use, proper storage techniques, and proper transport techniques.

As per any project and/or scope of work the information outlined above is a platform in which DIR and the client will work together to perform a risk analysis, and risk assessment before any work is to be performed. To achieve DIRs safety goals, we empower every employee with “Stop Work Authority” when any hazard is recognized. To support our employees, we provide comprehensive training, send out regular safety communications, maintain stringent hazard recognition and control processes, perform regular safety audits, field inspections, and competency evaluations of our operators. If an incident occur, we will thoroughly evaluate the root cause, and share the lessons learned to avoid a re-occurrence; and to improve our practices, training, communication, and Health, Safety, & Environmental policies. DIR strives to create and nurture a health and safety culture where everyone understands the importance of safety and takes responsibility for their own safety as well as the safety of others.

Everyone working for DIR is responsible and accountable for DIRs’ Health, Safety, and Environmental performance. Management, supervisors, employees, contractors, and subconsultants must thoroughly understand their roles and responsibilities as outlined by DIRs’ HSE Program, Code of Practices, and to comply with the practices of the Health and Safety Management System. DIRs’ senior leadership is committed to continuous learning and improvement in the area of health and safety, and in all aspects of our business.

Based on our extensive research, we are confident that the equipment used by DIR meets the highest safety and certification standards. We encourage any questions and/or comments that your team may have on the choice of equipment being used by Diversified Inspection Resources for the purpose of RVI Inspections. We again thank you for your time to review the content detailed above.



CLOSURE

Diversified Integrity Resources Inc. appreciates the opportunity to share an outline of our certification with you and look forward to working with your team in the near future. If you have any questions or comments, please do not hesitate to contact us.

Sincerely,

Ryan Lussier

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Project Manager, Senior Associate



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