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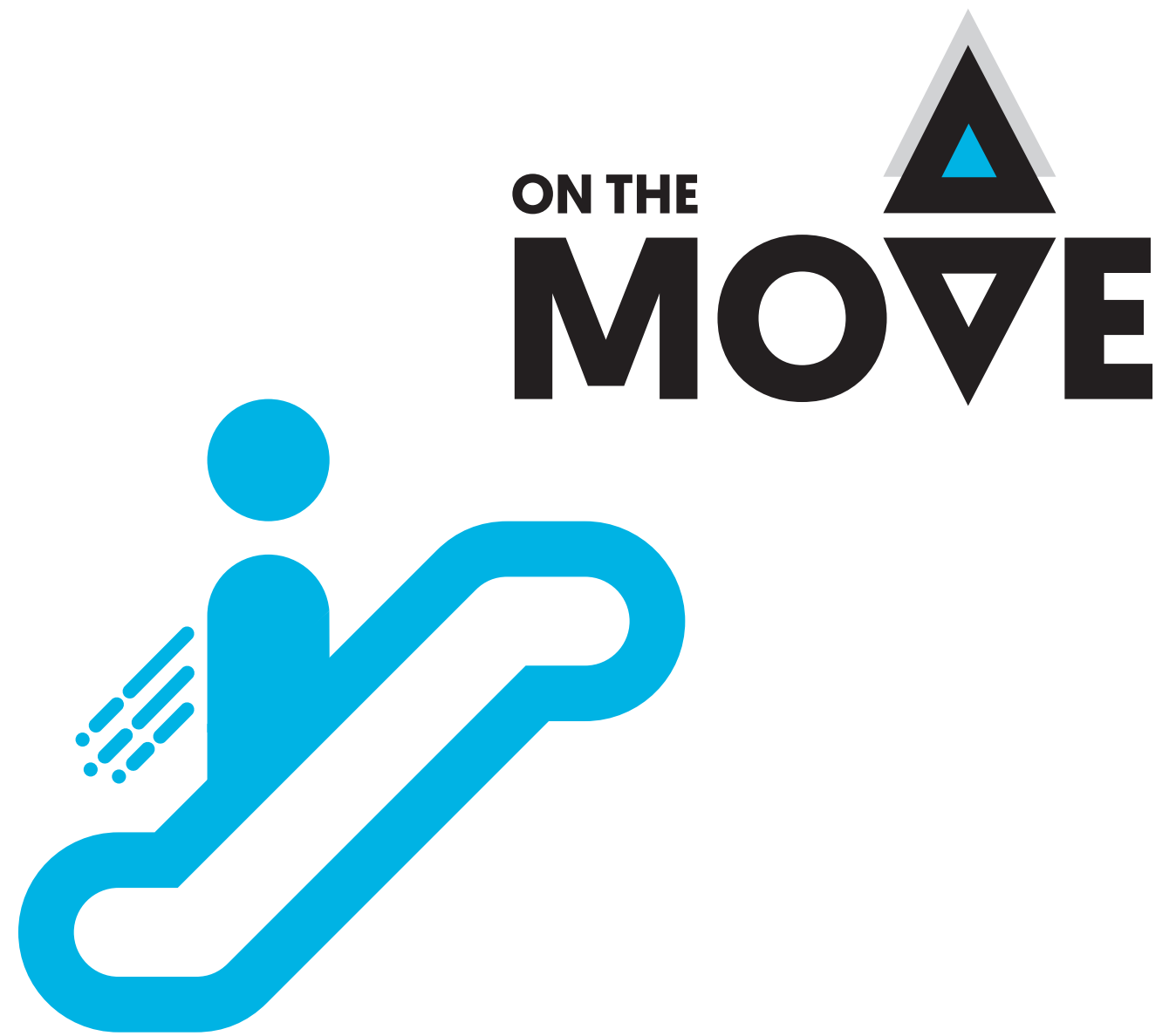
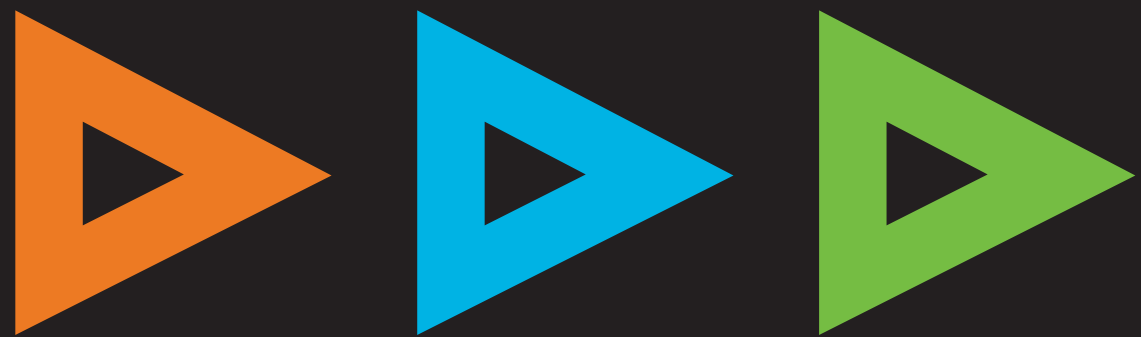


Alberta Elevating Devices  
& Amusement Rides  
Safety Association



Alberta Elevating Devices  
& Amusement Rides  
Safety Association

ANNUAL REPORT 2018/2019





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## CORPORATE PROFILE

The Alberta Elevating Devices and Amusement Rides Safety Association (AEDARSA) provide quality, cost effective, uncompromised administration and uniform application of Safety Standards for the Province of Alberta.

**AEDARSA** works with industry regulating safety for Amusement Rides, Passenger Ropeways, and Elevating devices.

**AEDARSA** provides a variety of safety services including licensing and registration, inspections, training, design review and public education through a variety of organizations.

**AEDARSA** works with Alberta Municipal Affairs and the Safety Codes Council of Alberta to administer and enforce public safety laws in the industry sectors listed.

**AEDARSA** is advised by 8 Board members, representing all industrial sectors it regulates, these directors review all aspects of **AEDARSA** business on a quarterly basis.

**AEDARSA** also maintains “Accredited Agency” status in the Elevator discipline. It is accredited by the Safety Codes Council of Alberta to provide in-service inspections on all classes of elevators and lifts on a competitive basis.

**AEDARSA** services all areas of the province from its offices in Edmonton and in Calgary. Our office addresses are as follows:

- 104, 8616-51 Ave, Edmonton, AB T6E-6E6  
Phone: (780) 448.0184 | Fax: (780) 448.0237 | Toll Free: 1.888.222.7281

- 209, 264 Midpark Way SE, Calgary, AB T2X-1J6  
Phone: (403) 216.5750 | Fax: (403) 216.5755 | Toll Free: 1.888.333.6289  
[www.aedarsa.com](http://www.aedarsa.com)

### BOARD OF DIRECTORS 2018 / 2019

**Jamie Tiessen**  
Chairman  
Tiessen Consulting  
Okotoks

**Rod Chisholm**  
Vice Chair  
Sunshine Village  
Banff

**Andrew Cross**  
Secretary/Treasurer  
Kone  
Calgary

**Pree Tyagi**  
Representing Minister  
of Municipal Affairs  
Edmonton  
Ministerial Appointee

**Graham Fitzsimmons**  
Business Manager  
International Union of  
Elevator Constructors  
Calgary

**Brian Mykitiuk**  
West Edmonton Mall  
Edmonton

**Harvey Lawton**  
Financial Benefits Group  
Edmonton

#### Our Mission

To exceed the safety expectations of Albertans.

#### Our Vision

To provide quality, cost effective administration with safety standards uniformly applied.

#### Our Values

We are committed to a professional approach towards our clients, our stake holders and responding to their issues.

## APPENDIX 1

### SOCIETY MEMBERSHIP AS OF MARCH 31, 2019

#### West Edmonton Mall

Brian Mykitiuk  
1744, 8882-170 St  
Edmonton, AB T5T 4J2

#### Tiessen Consulting

Jamie Tiessen  
PO Box 1696  
Okotoks, AB T1S 1B6

#### Ski Banff

Rod Chisholm  
PO Box 1520  
Banff, AB T1L 1B4

#### Custom Elevator

Tim Middlemiss  
4305-75 Ave SE  
Calgary, AB T2C 2K8

#### Otis Canada

- Jeff Hunter  
7, 777-64 Ave SE  
Calgary, AB T2H 2C3
- Jonathan Dube  
16017-172 Street  
Edmonton, AB T5S 1P1

#### Kone, Inc.

- Andrew Cross  
115, 3510-29th ST NE  
Calgary, AB T1Y 7E5
- Philip Dufresne  
101, 17950-106 Ave  
Edmonton, AB T5S 1V4

#### ThyssenKrupp Elevator (Canada) Ltd

- Trevor Doell  
1555-160 Street Edmonton,  
AB T5M 3V9
- Gavin Langley  
5, 2419-52 Ave SE Calgary,  
AB T2C 4X7

#### International Union of Elevator Constructors Local 130

Graham Fitzsimmons  
208, 4310-17 Ave SE  
Calgary, AB T2A 0T4

#### Ram Manufacturing Ltd

Richard Meunier  
10203-184 Street  
Edmonton, AB T5S 2J4

#### Schindler Elevator Corporation

- John Devine  
15006-116 Ave  
Edmonton, AB T5M 3T4
- Jason Finch  
527 Manitou Road SE  
Calgary, AB T2G 4C2

#### Vinspec Ltd

John Simpkin  
202, 10204-125 Street  
Edmonton, AB T5N 1S9

#### City of Edmonton

Brent McMillan  
12304-107 Street  
Edmonton, AB T5G 2S7

#### Fujitec

Ashley Phillips  
8, 49 Aero Dr NE  
Calgary, AB T2E 8Z9

#### Couture Industrial Projects

Ryan Couture  
Box 31 Site 9 RR7  
Calgary, AB T2P 2G7

#### Lerch Bates Inc

Nigel Twogood  
11810 Kingsway NW  
Edmonton, AB T5G 0X5

#### KJA Consultants Inc

Scott Harvey  
308, 4014 MacLeod Tr SE  
Calgary, AB, T2G 2R7

#### Edmonton Elevator Services Corp

Jean Boucher  
303, 9488-51 Ave  
Edmonton, AB T6E 5A6

#### Bambrough & Associates

Jim Brownlee  
901-18 Ave NW  
Calgary, AB T2M 0V6

#### Wildrose Shows

Michael Krysanowski  
450 S Ave Box 3028  
Spruce Gr, AB T7X 3A7

#### Calalta Amusements Ltd

Paul Burgess  
245033 Range Road 33  
Calgary, AB T3Z 2E9

#### Northlands

Box 1480  
Edmonton, AB T5J 2N5

#### West Coast Amusements

IR (Bingo) or Jaqueline Hauser  
6982-206 Street  
Langley, BC V2Y 1R2

#### Hidden Valley Ski Area

Kevin Fischer  
69 Rossheights Crt SE  
Medicine Hat, AB T1A 4W5

#### Jasper Skytram Ltd.

**Partnership**  
Todd Noble  
Box 1198  
Jasper, AB T0E 1E0

#### Snow Valley Ski Club

Marlin Van Zandt  
Box 21100  
Edmonton, AB T6R 2V4

#### Rabbit Hill Recreation Inc.

James Sutherland Box 41021  
RPO Yellowbird  
Edmonton, AB T6J 6M7

#### Misery Mtn c/o

**Peace River Ski Club**  
Sean Banks  
10408-89 Street  
Peace River, AB T8S 1P2

#### Ski Banff @ Norquay

Andre Quenneville  
Box 1520  
Banff, AB T1L 1B4

#### Hayes Elevator (Calgary) Inc.

Jason Cooper  
4028-4 Street SE  
Calgary, AB T2G 2W3

#### The Financial Benefits Group

Harvey Lawton  
700, 12323 Stony Plain Rd  
Edmonton, AB T5N 3Y5

#### Cana Mgmt

F. Carinelli  
5720-4 ST SE  
Calgary, AB T2H 1X5

#### Ministerial Appointee

Ms Pree Tyagi  
10423-40 Ave  
Edmonton, AB  
T6J 6L1

## A MESSAGE FROM THE CHAIRMAN

Since its inception, the Alberta Elevating Devices & Amusement Ride Safety Association [AEDARSA] has advanced Alberta's safety system in cooperation with Alberta Municipal Affairs and Industry stakeholders across Alberta.

The AEDARSA Board of Directors, with the support and leadership of our CEO Gord Pattison and the staff of our organization, are pleased to report that AEDARSA is ensuring the Safety of all Albertans as they use elevating devices, amusement rides and passenger ropeways in their daily lives.

I am pleased with the work accomplished through our Annual Business Plan in both our agency and delegated activities, this work is covered by our CEO's report. However, as Chair, I am most excited with the hard work of our team and our transition to AEDARSA oNe. This continues our organizations commitment in efficiency of inspections and operations while enhancing our ongoing focus on customer service to make our organization the best it can be.

I would like to acknowledge, Liz McKay for her 23 years of service. Liz's expertise in finances and administration have been instrumental in helping AEDARSA achieve success for many years. Our organization would not be in the position we are in today without her unending commitment and hard work.

Our Board and Staff continue their commitment to excellence, openness, integrity, respect and safety and our commitment to making AEDARSA a leader in advancing safety throughout Alberta, Canada and Abroad.



Jamie Tiessen  
Chairman, AEDARSA Board of Directors

## A MESSAGE FROM THE CHIEF EXECUTIVE OFFICER

Over the past three years, AEDARSA has been planning and implementing a strategic plan that includes implementation of a new data repository called AEDARSA oNe (Operational Network Efficiency). This strategy includes enhancements towards digital workflows, digital inventory of devices, enhancements to digital entry of inspections, enhanced accounting workflows, the configuration and management of our own data repository for data management, collection and safe keeping. This system creates an efficient way for AEDARSA to do business. While many devices are in our new system, Amusement Rides and Passenger Ropeways are still being integrated and tested with implementation in the coming months.

In the 2017-18 report I commented on single bottom cylinders and our program to get all 803 outstanding units compliant. As of March 31, 2019, only 20 devices remain taking only one year to complete compared with our original estimate of 5 years. This program would not have been such a success without the hard work of Safety Codes Officer, Mike Woods who made it his personal mission to get this cleaned up.

In 2018-19 AEDARSA continued with our mandate of educating stakeholders, hosting our third Annual Alberta Elevator Industry Seminar with attendance exceeding 120 per day over two days in Red Deer and our second annual Alberta Passenger Ropeway Industry Training in

Calgary with 60 attendees for one day. Amusement Ride Industry Training has been done on a one-on-one basis with stakeholders, so things are more beneficial to them.

AEDARSA is very fortunate to have a progressive Board of Directors that is supportive and hard working. Their forward thinking governance and listening to our team's ideas and vision for the future allows AEDARSA to make great strides and implement programs that lead to a more effective and efficient organization in an ever changing regulatory and business environment.

As I close the 2018-19 annual report, I want to give special thanks to Liz McKay. Liz has been with AEDARSA since April 1, 1996, the only original member left. This summer, Liz will be retiring after 23 years of service on June 30, 2019. Liz will be missed, and we wish her good luck in retirement and cannot thank her enough for her contributions to AEDARSA and the safety system.



Gordon Pattison  
Chief Executive Officer  
**AEDARSA**

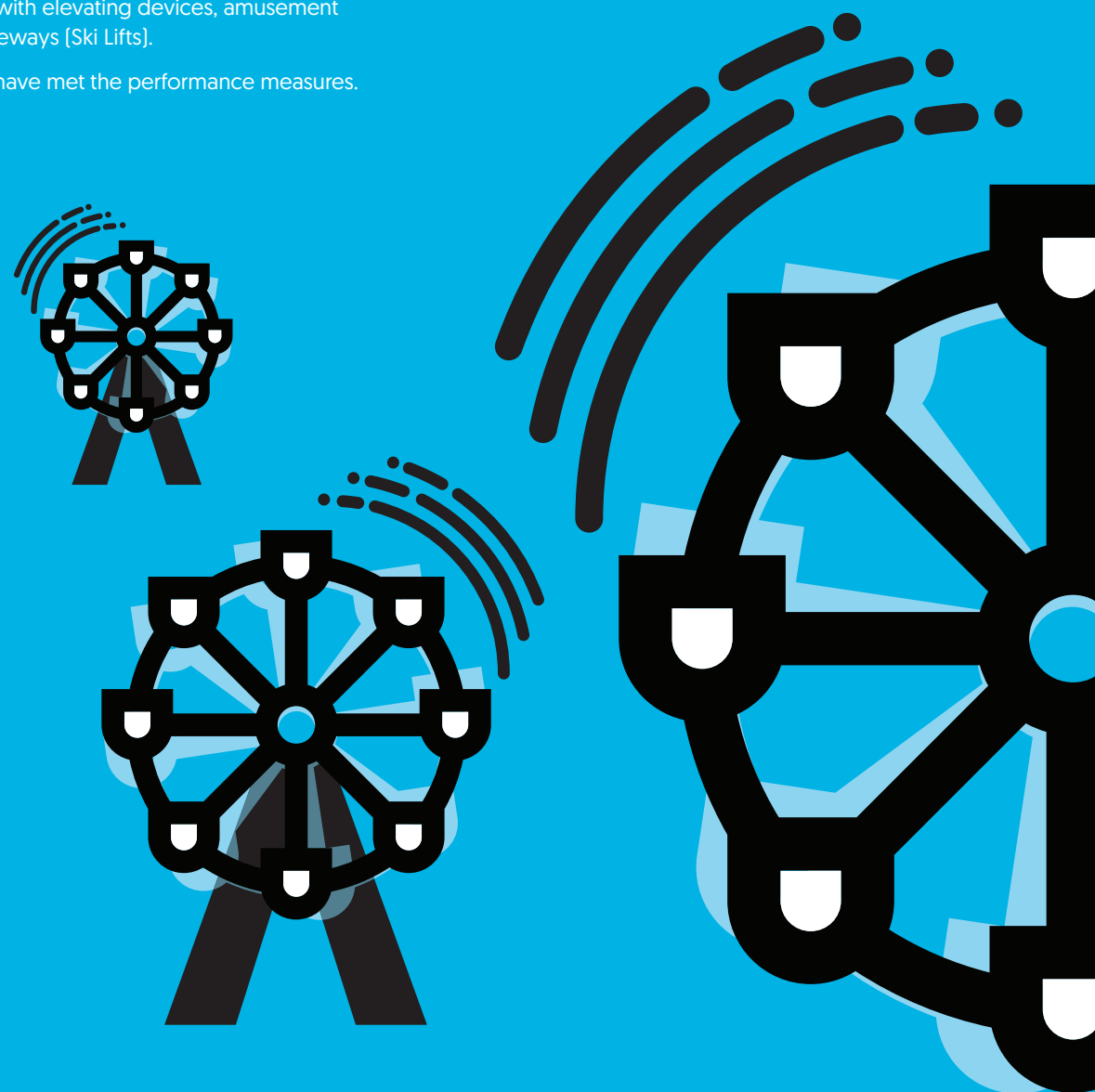
## DELEGATED GOALS

Core Service	Performance Measures
<b>1.1.1. Plans Review &amp; Acceptance</b> (Issue Certificates of Construction & Major Alteration)	<ol style="list-style-type: none"> <li>100% Design Compliance with Applicable Code/Regulation or equivalency provided (variance granted)</li> <li>Issue Certificates within 10 days of receipt of Application</li> </ol>
<b>1.1.2. Acceptance Inspections and Tests</b> (before placed in service)	<ol style="list-style-type: none"> <li>100% of new or altered devices are installed and perform in accord with accepted plans and applicable code with deficiencies addressed through directives issued</li> </ol>
<b>1.1.3 Issue Certificates of Operation</b>	<ol style="list-style-type: none"> <li>Issue certificates &amp; invoices for 100% of devices in operation April 1 each year</li> <li>Follow up on 100% of overdue payments within 60 days of due date</li> </ol>
<b>1.1.3.1. Issue Safety Inspection Notices</b>	<ol style="list-style-type: none"> <li>100% notification of required inspections</li> <li>Notify 100% of owners per the inspection schedule, on the 1st day of the 1st month of each quarter (3 months in advance of inspection due dates)</li> <li>Receive, record &amp; follow up on 100% of overdue inspection reports within 30 days of the due date</li> <li>Obtain 100% of inspection reports due within the year of their due dates</li> </ol>
<b>1.1.4. Incident Investigation &amp; Reports</b>	<ol style="list-style-type: none"> <li>Commence investigative actions immediately upon notification of every fatal and serious injury incident</li> <li>Review of all non-fatal incidents reported within 1 day, categorize and assign priority for investigation or no investigation per applicable policy</li> <li>Investigate minor and equipment damage incidents reported where the report indicates required safety, device might have prevented it</li> <li>Eliminate 100% of immediate hazards</li> <li>Reports prepared must be 100% factual</li> <li>Reports prepared must be 100% related to incident circumstances, findings and causes</li> <li>Follow up and receive and record verification that 100% of directives issued are completed</li> </ol>
<b>1.1.5. Technical Education and Advice</b>	<ol style="list-style-type: none"> <li>Provide a satisfactory level of support and assistance to Alberta Municipal Affairs</li> <li>Participate in 100% of reviews of proposed code and regulation change reviews affecting <b>AEDARSA's</b> mandated functions and devices administered</li> <li>Provide code interpretations as satisfactory to meet Owners, Contractors, Architects needs</li> <li>Information provided must be code compliant</li> <li>Provide responses within 2 days</li> <li>Provide satisfactory levels of education and advice as may be necessary or advisable to those segments of industry in a position to affect improvements</li> </ol>

## CORE PROGRAMS & GOALS

Most of **AEDARSA's** core programs are delegated administrative functions. The exception is **AEDARSA** as an Accredited Agency, which competes with other Agencies to provide in-service inspections on elevating devices. All programs are intended to promote the safety of persons in their use of and contact with elevating devices, amusement rides and passenger ropeways (Ski Lifts).

All Delegated Programs have met the performance measures.



## A REPORT FROM THE TREASURER

The financial records of the Alberta Elevating Devices and Amusement Rides Safety Association [AEDARSA] for the fiscal year April 1, 2018 to March 31, 2019 have been reviewed and audited by Peterson Walker LLP, Chartered Accountants.

I am pleased that our Auditor has reported our financial statements present fairly, in all material respects, and that the financial position of Alberta Elevating Devices and Amusement Rides Safety Association [AEDARSA] as at March 31, 2019, and the results of AEDARSA operations and cash flows for the year ended have been accounted for in accordance with Canadian accounting standards for not-for-profit organizations.

Additionally, I am pleased to report that Management has met its responsibilities around preparation and fair presentation of these financial statements in accordance with Canadian accounting standards for private enterprises and that financial statements are free of material misstatement, whether due to fraud or error and that all aspects of our business are being maintained on a timely basis as reported by the CEO to the AEDARSA Board of Directors.

AEDARSA continues its investment into recapitalization of its existing IT infrastructure of \$750,000 in 2018-2019. This insures that AEDARSA's systems are upgraded, ready for future growth and secure.

As Treasurer, working with the Audit & Governance Committee's and the Board of Directors, I can attest that all financial aspects of the organization are monitored to ensure fiscal integrity.

The Management and Board of Directors remain committed to ensuring the fiscal integrity in all areas of our operation.

A handwritten signature in black ink, appearing to read 'Andrew Cross'.

Andrew Cross  
Secretary Treasurer  
**AEDARSA**

**MOVING**



## ELEVATED DEVICES

### FUNCTIONS, ACTIVITIES & PERFORMANCE MEASURES

#### Delegated Services

Annual certificates of operation are issued in accordance with Alberta Regulations. They are used for tracking purposes in relation to current addresses and owners of new and existing devices and their operational status. Certificate related records are constantly updated based on information received in an effort to ensure the accuracy of data used for subsequent notifications about safety inspections required, in accordance with applicable provincial policies and regulations, to validate the certificates issued.

## AEDARSA ORGANIZATION CHART

**Board of Directors**  
Jamie, Rod, Andrew,  
Harvey, Brian, Pree, Graham

**Chief Executive  
Officer**  
Gord

**Manager  
Administration  
Services**  
Liz

**Manager  
Safety Services**  
Dean

**Administrative  
Support**  
Sandra (South)  
Susan (North)

**Client  
Services**  
Tracy (South)  
Angela

#### Safety Codes Officers

**South**  
Glen, Tyler, Rob, Chris,  
Al, Mike P., Neale,  
Mike W., Doug, Les

**North**  
Leo, Dan, Mike W., Phil,  
Jason, Marcin, Gerry,  
Joshua



Certificates of Operation were issued to Owners or Managers of 9,526 buildings, authorizing the operation of 17,423 elevating devices.

### SAFETY INSPECTION NOTICES ISSUED, INSPECTIONS RECORDED

**AEDARSA** ensures that safety inspections (in-service inspections) on existing installations are carried out as recommended by the Safety Codes Council every two years on most elevators and yearly on certain elevating devices such as escalators, lifts for persons with physical disabilities and manlifts. These in-service inspections are required annually on amusement ride and passenger ropeways that operate in the province.

For manageability purposes and to provide opportunities for cost savings to owners in rural centres, **AEDARSA** issues inspection notices in batches to building owners in specific areas of the province in three month intervals (January, April, July, October). To provide ample time to make necessary arrangements, owners are provided three months for completion of the in-service inspections by an agency before **AEDARSA** begins follow up actions to obtain inspection reports that have not yet been received.

Inspection Notices were issued requesting in-service inspections for 10,586 devices between April 1 and March 31.

On overdue inspection(s), follow up actions are implemented commencing 15 days after their due date.

### PLANS REVIEW

**AEDARSA** reviews design plans in respect to all proposed new installations and major alterations of existing equipment. This is done to ensure that qualified professionals design the equipment. In addition, the plan review ensures that designs comply with the most current applicable Alberta Regulations and/or provincially adopted safety codes.

This is accomplished through **AEDARSA'S** design review program and subsequent issuance of Certificates of Construction & Major Alteration.

### Acceptance Inspections Performed:

**AEDARSA** conducts acceptance inspections and tests of new and altered installations prior to their being placed into service or returned to active service. This program is intended to provide reasonable assurance that devices are installed in accordance with accepted plans, applicable codes and regulations.

Elevating Device	Acceptance	
	Construction	Major Alterations
Elevators	448	438
Escalators	14	11
Dumbwaiters	6	1
Lift for person with physical disabilities	103	3
Manlifts	5	0
Freights	15	25
Personnel Hoists	39	0
Speed ramps	0	0
Speed walk	0	0
Funicular	0	0
<b>Sub Total</b>	<b>630</b>	<b>478</b>
<b>TOTAL</b>	<b>1108</b>	

### Elevating Device Certificates Issued:

Elevating Device	Plan + Review	
	Construction	Major Alterations
Elevators	295	361
Escalators	23	10
Dumbwaiters	5	1
Lift for person with physical disabilities	99	3
Manlifts	3	1
Freights	11	31
Personnel Hoists	18	0
Speed ramps	0	0
Speed walks	0	0
Funicular	0	0
<b>Sub Total</b>	<b>454</b>	<b>407</b>
<b>TOTAL</b>	<b>861</b>	

# MOVING ABOVE



## PASSENGER ROPEWAYS

### FUNCTIONS, ACTIVITIES & PERFORMANCE MEASURES

#### Delegated Services

Annual certificates of operation are issued in accordance with Alberta Regulations. They are used for tracking purposes in relation to current addresses and owners of new and existing amusement rides and their operational status. Certificate related records are constantly updated based on information received in an effort to ensure the accuracy of data used for subsequent notifications about safety inspections required, in accordance with applicable provincial policies and regulations, to validate the certificates issued.

#### ELEMENT 6: EMERGENCY RESPONSE - 100%

KS: Having a strong emergency response plan is critical to ensure a quick and suitable response to emergency situations. This is a key area that management completed in their action plan and ensures a well established strength to the program.

SFI: **AEDARSA** has done a great job in identifying first aid trained employees and fire wardens. My suggestion would be that a green cross sticker be provided photos posted of these employees to ensure visual confirmation. This is a great tool as it provides a face in a time when thing may be frantic and can not remember a name.

#### ELEMENT 7: ACCIDENT AND INCIDENT INVESTIGATION - 100%

KS: It is important to have a strong accident and incident investigation program in order to prevent recurrence or accident or injury. **AEDARSA** follows this policy and ensures workers are adequately trained. They have had a third party come in to do specific incident and accident investigation training and create a program for them to continue with going forward.

SFI: Ensure that any new employees take part in the incident and investigation training program through **AEDARSA**. This will ensure that all employees are familiar with all incident and investigation training in case they are involved in that process.

#### ELEMENT 8: PROGRAM ADMINISTRATION - 100%

KS: It is important that management at all levels continue to show safety due diligence and continue to lead by example on all aspects. Great job keep up the great work.

SFI: It was noted that some of the employees did not know if the action plan was implemented. Employees should understand why changes are occurring to the program and their progress as they may be indirectly involved as well as adding strength to the program. It is suggested that **AEDARSA** ensures implementation of action plan is completed and what was completed.

Regards,  
Sharon Knapp  
Internal Auditor



## CERTIFICATE OF RECOGNITION EXECUTIVE SUMMARY

AEDARSA's health and safety program maintenance audit was conducted by AASP Internal auditor Sharon Knapp (I-HSA1041) from November 22, 2018 to November 27, 2018. The audit included the Calgary office and Edmonton office.

AEDARSA has worked very hard to improved their Health and Safety program. They worked hard to implement and correct any deficiencies from their last audit. In addition to this, management have done a great job at embracing AEDARSA's vision for their program and implementing it in all of the divisions.

99% score. This audit process consisted of a documentation review (see specific documentation list), observations (See observation notes), and interviews.

The eight elements in the audit report have questions and comments sections as well as areas for providing information on strengths and areas where improvement and recommendations can be noted. Points are awarded based on positive indicators for each question and verified by the auditor through the review of documentation, observations and the interview process.

A Summary of Strengths and Suggestions for Improvement by Element.

S. = Strength

KS = Key Strength

SFI = Suggestion for improvement

KSFI = Key Suggestion for improvement

### ELEMENT 1: MANAGEMENT LEADERSHIP & ORGANIZATIONAL COMMITMENT - 94%

KS: AEDARSA's management commitment to safety is clearly shown in refaction of the audit process. Keep up the good work.

KSFI: It is suggested that Senior Management make more of a presence on site. Commitment in both offices and at meetings are great the visual aspect of on site ensures Senior Management can ensure visually all Safety is being followed through on.

### ELEMENT 2: HAZARD IDENTIFICATION AND ASSESSMENT - 100%

KS: **AEDARSA** has very clear and concise communication and processes in place when changes to the operation and implemented. This ensures a low chance of incidents and accidents for all.

SFI: **AEDARSA** does a great job with having workers review their JHA's my suggestion would be to pair a long term employee with a new employee to brainstorm the tasks to see if more can be implemented.

### ELEMENT 3: HAZARD CONTROL - 100%

KS: **AEDARSA** ensures their employees are safe while working on the job. They make sure their employees have the proper equipment at all times to reduce the risks of their jobs such as working at heights and with moving equipment.

SFI: Interviews confirmed employees understand the enforcement process but for a lot of staff it has been a long time since it was reviewed with them. It is suggested management review the process with staff to help re-fresh them so they fully understand what is enforced and how.

### ELEMENT 4: ONGOING INSPECTIONS - 94%

KS: **AEDARSA** has done a great job on adding a table of inspection frequency to their manual to ensure when and who is to complete.

KSFI: The inspection policy states that manager conduct inspections bi-quarterly, my suggestion would be to ensure contact with employee to ensure they are seeing the commitment to their responsibility of site inspection. This would ensure employees are viewing management commitment to H&S.

### ELEMENT 5: QUALIFICATION, ORIENTATION, AND TRAINING - 100%

KS: **AEDARSA** does a fantastic job at ensuring their employees training is current and up to date. Great job.

SFI: **AEDARSA** has a great orientation process and ensure it is completed when new employees are hired. **AEDARSA** has a large amount of long term employees, it would be my suggestion to complete a orientation refreshers to ensure all current or new information is given to all employees.

### PASSENGER ROPEWAYS

Applications for Certificates of Operation were issued to 38 Passenger Ropeway Operators. The inspections reported on the operator's procedures and records and covered a total of 165 lifts.

Certificates of Operation were issued to 36 Passenger Ropeway Operators covering 153 ski lifts that were operated within the Province.

### SAFETY INSPECTION NOTICES ISSUED, INSPECTIONS RECORDED

**AEDARSA** ensures that safety inspections are carried out as recommended by the Safety Codes Council. These safety inspections are required annually on passenger ropeways.



**AEDARSA** reviews design plans in respect to all proposed new ski lifts and major alterations of existing ski lifts. This is done to ensure that qualified professionals design the ski lift. In addition, the plan review ensures that designs comply with the most current applicable Alberta Regulations and/or provincially adopted safety codes.

This is accomplished through **AEDARSA's** design review program.

### PASSENGER ROPEWAYS CERTIFICATE OF CONSTRUCTION / MAJOR ALTERATIONS:



#### Acceptance Inspections Performed:

**AEDARSA** conducts acceptance inspections and tests of new and altered ski lifts prior to their being placed in service or returned to active service. This program is intended to provide reasonable assurance that the ski lifts are installed in accordance with accepted plans, applicable codes and regulations. The inspections ensure that all safety equipment and devices function properly in accordance with codes and that proper installation practices have been followed.

There was 1 acceptance inspection performed this year.

**Passenger Ropeways – Delegated In-Service Inspections** **AEDARSA** inspected the procedures and records of 36 Passenger Ropeways Operators and inspected 153 ski lifts in total.

**Passenger Ropeways – Special Inspections** **AEDARSA** performed 0 special inspections on ski lifts that included changing of status or non operating verification.

# MOVING FAST

## AMUSEMENT RIDES

### FUNCTIONS, ACTIVITIES & PERFORMANCE MEASURES

#### Delegated Services

Annual certificates of operation are issued in accordance with Alberta Regulations. They are used for tracking purposes in relation to current addresses and owners of new and existing amusement rides and their operational status. Certificate related records are constantly updated based on information received in an effort to ensure the accuracy of data used for subsequent notifications about safety inspections required, in accordance with applicable provincial policies and regulations, to validate the certificates issued.



## ACCREDITED AGENCY SERVICES

AEDARSA's Agency provided in-service inspection services throughout the farthest reaches and remote areas of the province; from Manning and Worsley in the north to Waterton Lakes in the south and west to Ram River and Jasper and east to Cyprus Hills and Acadia Valley.

CORE SERVICE	PERFORMANCE MEASURES
<b>Elevating Devices</b> In-service inspections	<ol style="list-style-type: none"> <li>100% of Clients are satisfied with service provided</li> <li>100% of directives issued can be supported by applicable codes or regulations</li> <li>100% of owners verification of directives completed forms to be recorded within 10 days of receipt at <b>AEDARSA'S</b> office</li> <li>Follow-up procedures to be implemented regarding 100% of overdue verifications within 30 days after due date</li> </ol>
<b>In-service Inspections</b>	10,586 notices of inspections were sent out in 2018 of which 9173 in service inspections in-service inspections were conducted by <b>AEDARSA</b> inspectors to ensure devices are maintained in reasonably safe operating condition and in compliance with standards.

## DELEGATED SERVICES TECHNICAL ADVICE AND EDUCATION

### EXTERNAL

- **AEDARSA** safety codes officers interact on a daily basis with engineers, architects, elevating device contractors, tradesmen, safety codes officers, building owners and managers and government officials providing technical advice on codes and regulations concerning elevating devices and their practical application.
- **AEDARSA** website is continuously being updated with information and easier access.
- **AEDARSA** has made presentations at trade shows providing education on the roles of Government, the *Safety Codes Act & Regulations* at the following locations:
  - Boma Edmonton
  - Boma Calgary
  - Safety Expo - City of Calgary
  - Calgary Apartment Association
  - Canada West Ski Areas Association
  - Edmonton Apartment Association
  - Elevator Companies

### INTERNAL

Over the past year **AEDARSA** provided staff education through formal courses, seminars, mentoring and participation on committees including the following:

- *Safety Codes Act* Interpretation and Application courses to safety codes officer trainees
- **AEDARSA** assisted safety codes officer training on B44 Elevator and other Device Codes
- In-house training for safety codes officer trainees on **AEDARSA's** QMPs, Administrative and inspection policies and procedures manuals, inspection checklists, practices and related code requirements
- ACSA Auditor Training Program
- ACSA Confined Space Entry Awareness
- Construction Association Safety Courses
- QEI/NAESA Programs
- ASME Committee
- CSA Committee
- EESF Committee
- NAARSO Training Seminar – Toronto
- ASTM Amusement Ride Harmonization Committee



### AMUSEMENT RIDES

Applications for Certificates of Operation were issued to 126 Amusement Ride Operators, covering 853 rides.

### AMUSEMENT RIDES

Certificates of Operation were issued to 77 Amusement Ride Operators covering 546 rides that were operated within the Province.

### SAFETY INSPECTION NOTICES ISSUED, INSPECTIONS RECORDED

**AEDARSA** ensures that safety inspections are carried out as recommended by the Safety Codes Council. These safety inspections are required annually on amusement rides.

### ACCEPTANCE INSPECTIONS PERFORMED

**AEDARSA** conducts acceptance inspections and tests of new and altered rides prior to their being placed in service or returned to active service. This program is intended to provide reasonable assurance that the amusement rides are installed in accordance with accepted plans, applicable codes and regulations. The inspections ensure that all safety equipment and devices function properly in accordance with codes, and that proper installation practices have been followed.

There were 6 acceptance inspections performed this year.

### PLANS REVIEW

**AEDARSA** reviews design plans in respect to all proposed new rides and major alterations of existing rides. This is done to ensure that qualified professionals design the ride. In addition, the plan review ensures that designs comply with the most current applicable Alberta Regulations and/or provincially adopted safety codes.

This is accomplished through **AEDARSA's** design review program.

### Amusement Rides - Delegated In-Service Inspections

**AEDARSA** inspected the procedures and records of 77 Amusement Ride Operators and inspected 546 rides in total.

### Amusement Rides - Special Inspections

**AEDARSA** performed 0 special inspections on amusement rides that included changing of status or non operating verification.

AMUSEMENT RIDE  
PLANS REVIEWED

6

# FUNCTIONS, ACTIVITIES & PERFORMANCE MEASURES

## DELEGATED SERVICES

### ALL DISCIPLINES

#### INCIDENT INVESTIGATIONS

Incident reports received are evaluated for any indication that an investigation may be required. Investigations are conducted when there is any indication that safety equipment, devices or procedures should have prevented the occurrence. Investigations are conducted to determine incident cause and prevent re-occurrences.

#### Reports Received and Evaluated

The **AEDARSA** office received 116 incident reports. This resulted in on site investigations because of reported injuries, equipment damage or there were indications that safety issues might continue to occur because of the equipment.

**Legal Orders:** There were 0 order(s) issued in 2017 for non-compliance of elevating devices.

**Rules:** In Amusement Rides STANDATA was issued requiring inspection of all devices during first set up in Alberta.

**Policy and Procedures:** manual has been updated.

# 116

INCIDENT  
REPORTS

## INCIDENTS REPORTED WERE RELATED TO:

#### Elevating Devices - Investigation Results Summary:

There were 83 incident reports received resulting in 52 onsite investigations and 8 classified as serious of which 2 were classified in the serious injury category (required medical treatment), but no fatalities.



#### Passenger Ropeways - Investigation Results Summary:

There were 21 incident reports received resulting in 2 onsite investigation and 0 classified in the serious injury category (required medical treatment), but no fatalities.



#### Amusement Rides - Investigation Results Summary:

There were 12 incident reports received resulting in 5 onsite investigations and 0 classified in the serious injury category (required medical treatment), but no fatalities.

