









1996... a year everyone was doing "The Macarena." Jerry McGuire had everyone shouting "Show me the money!" A fresh-faced rookie from St. Albert named Jarome Iginla made his NHL debut. And a proclamation by the Government of Alberta established AEDARSA: a new Provincial regulatory body to ensure the safe installation and operation of elevators, escalators, ski lifts and amusement rides.

Join us as we look back at AEDARSA then and now.



1996

Alberta Population: 2,696,826

2021

Alberta Population today: 4,428,112



1996

Number of AEDARSA Employees: 12

2021

Number of AEDARSA Employees: 29



AMUSEMENT RIDES IN ALBERTA

1996

Number of Permitted Operators: 28

Number of Permitted Devices: 232

2021

Number of Permitted Operators: 155

Number of Permitted Devices: 1,004



ELEVATING DEVICES

1996

Number of Permitted Operators: **3,922**Number of Permitted Devices: **8,896**

2021

Number of Permitted Operators: **9,500**Number of Permitted Devices: **17,126**

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.



- ... works with industry regulating safety for Amusement Rides, Passenger Ropeways, and Elevating devices.
- ... provides a variety of safety services including licensing and registration, inspections, training, design review and public education through a variety of organizations.
- ... works with Alberta Municipal Affairs and the Safety Codes Council of Alberta to administer and enforce public safety laws in the industry sectors listed.

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.

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

... 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.

... 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
- 145, 340 Midpark Way SE Calgary, AB T2X-1P1 Phone: (403) 216.5750 Fax: (403) 216.5755 Toll Free: 1.888.333.6289

aedarsa.com

A Message FROM THE CHAIRMAN

Celebrating 25 years, 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.

With the unending support of the AEDARSA Board of Directors, the leadership of our CEO Gord Pattison and the extraordinary Women and Men that work in our organization we have endured one of the most challenging times in history for People, Organizations and Governments. During this time, I am confident that AEDARSA continued its commitment to the Safety of all Albertans as they utilize elevating devices, amusement rides and passenger ropeways in their daily lives.

AEDARSA operationally has continued to operate and has remained exceptionally stable through this difficult time.

Throughout the last year, I am pleased with the ongoing development of AEDARSA oNe for both the amusement ride and passenger ropeway partners. Additionally, I am pleased on our organization's commitment and desire to continue our work with all stakeholders to enhance safety and consistency. So many things have changed over the last 25 years, but one thing remains the same and as Chair, I am proud to work alongside our Board, Staff and Government partners continue to work to exceed the safety expectations of Albertans.

With the leadership of our Board of Directors, AEDARSA continues our commitment to excellence, openness, integrity, respect and safety and remains an unquestionable leader in advancing safety in Alberta and across North America.



Jamie Tiessen Chairman, AEDARSA Board of Directors



A Message FROM THE CHIEF EXECUTIVE OFFICER

Welcome to AEDARSA's 25th year in business incorporated April 1, 1996 as a not-for-profit organization registered under the societies act in Alberta to carry out the business of permitting, approving and inspecting elevating devices, amusement rides and later (1999) passenger ropeways.

AEDARSA has seen many changes over the last 25 years, one thing has never changed, our commitment to Albertans in providing a safe and efficient system of approving and inspecting all devices in our portfolio. From 1996 to 2021 the province has grown steadily in elevators and amusement rides. Ski lifts have remained flat as location and terrain for this type of business is not readily available.

AEDARSA has been able to move into the digital world with electronic inspection forms and QR coding for all devices. This has allowed us to better track activities in each discipline. Technology may have been changing but the people of AEDARSA continue to be committed to achieving excellence in all areas.

In 2020-21 our team was able to successfully navigate the pandemic with no COVID cases and minimal time lost, while still able to serve the stakeholders of AEDARSA. Even during these challenging conditions this year, we were able to inspect all in-service elevator inspections, due in operating

year 2020-21. This was a first ever, in our 25-year history, but also shows the flexibility of team members to shift operational demands and help where needed. AEDARSA also supported stakeholders when and if they had financial or facility concerns, recognizing the issues around business opening and closing and supporting them in any way we could by delaying or rescheduling inspections for 2020-21.

We are very fortunate to have been open, serving Albertans and providing the inspection services stakeholders have come to expect from our professional and hard-working team of women and men. As we enter a new year, and our next 25 years in business, AEDARSA looks forward to continually evolving with technology making inspections as seamless as possible for stakeholders.

Many thanks to the AEDARSA Board of Directors for supporting staff and recognizing all the challenges 2020-21 brought to our organization. It is this commitment to AEDARSA staff makes it why all team members find AEDARSA a great employer.

Gordon Pattison Chief Executive Officer

AEDARSA

BOARD OF DIRECTORS 2020 / 2021 Jamie Tiessen Andrew Cross Grahai Chairman Secretary/Treasurer Busine Tiessen Consulting Kone Interna

Rod ChisholmVice Chair
Sunshine Village
Banff

Okotoks

Pree TyagiRepresenting Minister of Municipal Affairs
Edmonton

Ministerial Appointee

Calgary

Graham FitzsimmonsBusiness Manager
International Union of
Elevator Constructors
Calgary

Brian MykitiukWest Edmonton Mall
Edmonton

Harvey LawtonFinancial Benefits Group
Edmonton

Ryan CoutureCouture Industrial
Calgary

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, 2020 to March 31, 2021 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, 2021, 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's dedication to safety over the last year Is commendable. I would like to commend the AEDARSA team for their dedication to safe work practices during the pandemic and their focus on taking care of Albertans.

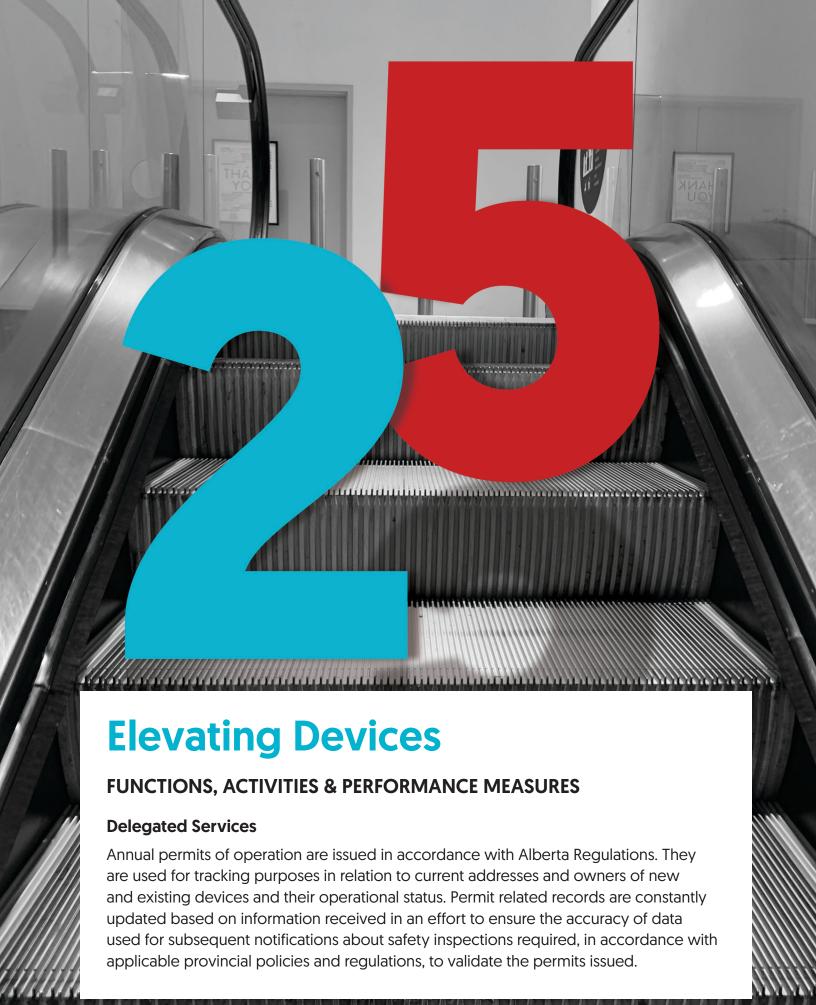
As Treasurer, working with the Audit & Governance Committee's and the Board of Directors, I can attest that all financial aspects of the organization are monitored to ensure fiscal integrity.

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

Andrew Cross Secretary Treasurer

AEDARSA





Permits of Operation were issued to Owners or Managers of 9,541 buildings, authorizing the operation of 17,147 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 10,208 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 Permits 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.

	Acceptance	
Florestina Davida		
Elevating Device	Construction	Major Alterations
Elevators	514	469
Escalators	10	2
Dumbwaiters	0	0
Lift for person with physical disabilities	68	5
Manlifts		0
Freights	11	14
Personnel Hoists	92	2
Speed ramps	0	0
Speed walk	0	0
Funicular	0	0
Sub Total	696	492
TOTAL	1188	

ELEVATING DEVICE PERMITS ISSUED:

	Plan + Review	
Elevating Device	Construction	Major Alterations
Elevators	302	218
Escalators	11	0
Dumbwaiters	2	0
Lift for person with physical disabilities	68	5
Manlifts	2	0
Freights	6	8
Personnel Hoists	28	0
Speed ramps	0	0
Speed walks	0	0
Funicular	0	0
Sub Total	419	231
TOTAL	650	

Passenger Ropeways

FUNCTIONS, ACTIVITIES & PERFORMANCE MEASURES

Delegated Services

Annual permits 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. Permit 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 permits issued.

PASSENGER ROPEWAYS

Applications for Permits of Operation were issued to 38 Passenger Ropeway Operators. The inspections reported on the operator's procedures and records and covered a total of 156 lifts.

Permits of Operation were issued to 34 Passenger Ropeway Operators covering 146 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.

PLANS REVIEW

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.

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 were 9 acceptance inspections performed this year.

Passenger Ropeways – Delegated In-Service Inspections **AEDARSA** inspected the procedures and records of 34 Passenger Ropeways Operators and inspected 146 ski lifts in total.

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



Amusement Rides

FUNCTIONS, ACTIVITIES & PERFORMANCE MEASURES

Delegated Services

Annual permits 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. Permit 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 permits issued.

AMUSEMENT RIDES

Applications for Permits of Operation were issued to 155 Amusement Ride Operators, covering 1,004 rides.

AMUSEMENT RIDES

Permits of Operation were issued to 13 Amusement Ride Operators covering 115 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.

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.

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 11 acceptance inspections performed this year.

Amusement Rides - Delegated In-Service

AEDARSA inspected the procedures and records of 13 Amusement Ride Operators and inspected 115 rides in total.

Amusement Rides - Special Inspections AEDARSA performed 0 special inspections on

amusement rides that included changing of status or non operating verification.



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 115 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 53 orders issued in 2020-2021 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.

115 **INCIDENT REPORTS**



INCIDENTS Elevating Devices REPORTED WERE Investigation Results Summary: 97 There were 97 incident reports **RELATED TO:** received resulting in 39 onsite investigations and 0 classified as serious of which 0 was classified in the serious injury category (required medical treatment), but no fatalities. **Passenger Ropeways Investigation Results Summary:** 13 There were 13 incident reports received resulting in 0 onsite investigation and 0 classified in the serious injury category (required medical treatment), but no fatalities. **Amusement Rides Investigation Results Summary:** There were 5 incident reports received resulting in 1 onsite investigations and 0 classified in the serious injury category (required medical treatment), but no fatalities. 2020 | 2021 Annual Report 15

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
- 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

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

Elevating Devices

- In-service inspections
- 1. 100% of Clients are satisfied with service provided
- 2. 100% of directives issued can be supported by applicable codes or regulations
- 3. 100% of owners verification of directives completed forms to be recorded within 10 days of receipt at AEDARSA'S office
- 4. Follow-up procedures to be implemented regarding 100% of overdue verifications within 30 days after due date

In-service Inspections

10,097 notices of inspections were sent out in 2019 of which 8,257 in-service inspections were conducted by AEDARSA inspectors to ensure devices are maintained in reasonably safe operating condition and in compliance with standards.



AEDARSA Organization Chart

Board of Directors

Jamie, Rod, Andrew, Harvey, Brian, Pree, Graham, Ryan

> **Chief Executive Officer** Gord

Vice President Operations Dean

Safety Codes Officers

South

North

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

Leo, Dan, Mike W., Phil, Jason, Marcin, Mitchell, Joshua

Manager Administration Services Angela

Administrative Support Sandra (South)

Robin (North)

Client Services Tracy (South) Charlene (North)

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.

DELEGATED GOALS

Core Service	Performance Measures
1.1.1. Plans Review & Acceptance (Issue Permits of Construction & Major Alteration)	1. 100% Design Compliance with Applicable Code/Regulation or equivalency provided (variance granted)
	2. Issue Permits within 10 days of receipt of Application
1.1.2. Acceptance Inspections and Tests [before placed in service]	 1. 100% of new or altered devices are installed and perform in accord with accepted plans and applicable code with deficiencies addressed through directives issued
1.1.3 Issue Permits of Operation	1. Issue permits & invoices for 100% of devices in operation April 1 each year
	2. Follow up on 100% of overdue payments within 60 days of due date
1.1.3.1. Issue Safety Inspection Notices	1. 100% notification of required inspections
	2. 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)
	3. Receive, record & follow up on 100% of overdue inspection reports within 30 days of the due date
	4. Obtain 100% of inspection reports due within the year of their due dates
1.1.4. Incident Investigation & Reports	Commence investigative actions immediately upon notification of every fatal and serious injury incident
	2. Review of all non-fatal incidents reported within 1 day, categorize and assign priority for investigation or no investigation per applicable policy
	Investigate minor and equipment damage incidents reported where the report indicates required safety, device might have prevented it
	4. Eliminate 100% of immediate hazards
	5. Reports prepared must be 100% factual
	6. Reports prepared must be 100% related to incident circumstances, findings and causes
	7. Follow up and receive and record verification that 100% of directives issued are completed
1.1.5. Technical Education and Advice	Provide a satisfactory level of support and assistance to Alberta Municipal Affairs
	2. Participate in 100% of reviews of proposed code and regulation change reviews affecting AEDARSA's mandated functions and devices administered
	3. Provide code interpretations as satisfactory to meet Owners, Contractors, Architects needs
	4. Information provided must be code compliant
	5. Provide responses within 2 days
	6. Provide satisfactory levels of education and advice as may be necessary or advisable to those segments of industry in a position to affect improvements

APPENDIX

SOCIETY MEMBERSHIP AS OF MARCH 31, 2021

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

ThyssenKrupp Elevator (Canada) Ltd

- Peter Martin 1555-160 Street Edmonton, **AB T5M 3V9**
- Brian Twa 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

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

Bob Williams 245033 Range Road 33 Calgary, AB T3Z 2E9

Northlands

Box 1480 Edmonton, AB T5J 2N5

R.F. Hauser

Bob Hauser 6982-206 Street Langley, BC V2Y 1R2

Hidden Valley Ski Area

Pius Hordes 69 Rossheights Crt SE Medicine Hat, AB T1A 4W5

Jasper Skytram Ltd. **Partnership**

Todd Noble Box 1198 Jasper, AB TOE 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**

Etienne Schaffert 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 Tyaqi 10423-40 Ave Edmonton, AB T6J 6L1

