



Industrial Sector Plan 2008/09

**Ministry of Labour
Occupational Health and
Safety Program**

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Introduction

Safe At Work Ontario includes the development and implementation of sector-specific enforcement strategies.

The purpose of this plan is to share with our stakeholders the manner in which the Ministry of Labour (MOL) will enhance health and safety compliance in each of the sectors within the employer community.

Each sector provides a description of the sector, the Lost-Time Injury (LTI) rate for 2006, and an overview of some of the major health and safety hazards. Each sector plan contains a brief description of some of the main topics that an inspector may address in the workplace. While each workplace is unique and the circumstances presented to an inspector may result in a different inspection focus, the sector plans are a general overview to the MOL's focus within the sector.

The Industrial Program works with its partners, the Industrial Accident Prevention Association, the Ontario Service Safety Alliance, the Education Safety Association of Ontario, the Electrical and Utilities Safety Association, the Farm Safety Association, the Municipal Health and Safety Association of Ontario, the Ontario Forestry Safe Workplace Association, the Pulp and Paper Health and Safety Association and the Transportation Health and Safety Association of Ontario, to continually strive to reach the goal of zero workplace injuries.

Sector Summary – Agriculture

DESCRIPTION

- Services related to the farming industry such as: farm animal breeding service, soil preparation, planting, crop dusting & spraying, tree surgery & removal, agricultural management

SIZE

- Number of Registered Premises = 1,167
- Number of Registered Workers = 15,329

HISTORY OF LTIs

Sector	2006
LTIs/100	2.6
LTIs	130.0
Crop Dusting	46.0
Other Services	28.0
Poultry Services	23.0
Farm Animal Breeding	7.0
Veterinary Services	7.0

ENVIRONMENT

- Growth Trends: many small companies
- Labour Relations: most workplaces are non-unionized

MAJOR HAZARDS

- Repetitive strain (ergonomic) injuries
- Falls, slips, trips
- Chainsaws
- Chippers
- Stumpers
- Trimming trees in proximity to power lines

KEY ISSUES

- Young workers
- Many operations are classified as farming operations and this may be affected by Ontario Regulation 414/05

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Joint Health and Safety Committee (JHSC) / Health and Safety representatives and the Internal Responsibility System (IRS)
- Guards/lockout procedures
- Fall hazards and training
- Ladder safety
- Lifting techniques and manual lifting/ Workplace Hazardous Materials Information System (WHMIS) training
- Musculoskeletal Disorders (MSD) and repetitive motion
- Driving training
- Young worker training
- Chain saw and Personal Protective Equipment (PPE)

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

- 159 Livestock Farms
- 184 Veterinary & Agriculture Service

SIC Codes

- 0163 Nursery Products
- 0169 Other Horticultural Specialties
- 0211 Veterinary Services
- 0219 Other Services Incidental to Livestock and Animal Specialties
- 0221 Soil Preparation, Planting and Cultivating Services
- 0222 Crop Dusting and Spraying Services
- 0229 Other Services Incidental to Agricultural Crops (Includes Arborists)
- 0231 Farm Management Service
- 0239 Other Services Incidental to Agriculture, not classified elsewhere
- 0331 Furs and Skins, Wild
- 0339 Other Trapping

Sector Summary – Automotive

DESCRIPTION

- Motor vehicle, truck body, trailer and automotive parts manufacturers

SIZE

- Number of Registered Premises = 1,153
- Number of Registered Workers = 151,177

HISTORY OF LTIs

Sectors	2006
LTI/100	2.4
LTIs	4,969.0
Motor Vehicle Assembly	1,731.0
Motor Vehicle Accessories, Parts and Assemblies Industries	992.0
Motor Vehicle Stamping	620.0
Motor Vehicle Plastic Parts	553.0
Motor Vehicle Engines	228.0

ENVIRONMENT (growth, trends etc.)

- Introduction of more efficient technologies
- Economic climate is leading to reduced sales and resulting in layoffs

MAJOR HAZARDS

- Machine guarding/lockout
- Robotics
- Forklifts & Lifting Devices
- Mechanized Material Handling
- Repetitive strain injuries (ergonomic)
- Falls, slips, and trips
- Vehicle traffic
- Metalworking fluids
- Asbestos removal/repair
- Spray Paint Operations/Isocyanates

KEY ISSUES

- Young Workers
- Canadian Auto Workers (CAW) Prevent Cancer program
- Incident/injury frequencies

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Joint Health and Safety Committee (JHSC) / Health and Safety representatives and the Internal Responsibility System (IRS)
- Musculoskeletal Disorders (MSD) and repetitive motion
- Lifting Device Usage / Pedestrian safety
- Machine guarding / Lockout
- Equipment maintenance
- Falls from any height including slips and trips

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
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- Forklifts – February 2009

WSIB Rate Group

419	Motor Vehicle Assemble Industry
420	Motor Vehicle Engine and Parts
421	Other Motor Vehicle Parts/Equipment
424	Motor Vehicle Stampings Industry
425	Motor Vehicle Wheels & Brakes
428	Motor Vehicle Fabric Access Industry
432	Truck & Bus Body Industry
466	Communication & Energy Wire

SIC Codes

3231	Motor Vehicle Industry
3241	Truck and Bus Body Industry
3242	Commercial Trailer Industry

Sector Summary – Ceramics, Glass and Stones

DESCRIPTION

- Non-metallic mineral products, ready-mix concrete

SIZE

- Number of Registered Premises = 1,216
- Number of Registered Workers = 28,739

HISTORY OF LTIs

Sectors	2006
LTI/100	2.0
LTIs	553.0
Other concrete products	85.0
Readymix concrete	92.0
Structural concrete	39.0
Other glass products	55.0
Primary glass	51.0

ENVIRONMENT (growth, trends, etc.)

- Growth Trend: stable
- Emerging trends: use of robotics

MAJOR HAZARDS

- Machine guarding/lockout
- Material handling
- Forklifts and other lifting equipment
- Eye injuries
- Musculoskeletal Disorders (MSD) and repetitive motion
- Ergonomics
- Noise, heat, chemicals
- Slips and falls
- Falls from heights
- Vehicular traffic
- Explosion and fire hazards
- Storage facilities (racks and stacking structures)
- Flying/falling objects

KEY ISSUES

- Bin and hopper entry procedures
- Injuries to truck drivers/signal personal
- Manual material handling procedures

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Joint Health and Safety Committee (JHSC) / Health and Safety representatives and the Internal Responsibility System (IRS)
- Guarding and lock-out
- Material handling and lifting
- Ergonomic issues Musculoskeletal Disorders (MSD) initiatives
- Racking
- Forklift maintenance
- Workplace Hazardous Materials Information System (WHMIS)
- Slips and falls and Personal Protective Equipment (PPE)
- Noise levels
- Maintenance electrical contact

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
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WSIB Rate Group

485	Brick & Refractory Industry
496	Concrete Products
497	Ready-Mix Concrete Industry
501	Gypsum, Lime & Cement Industry

SIC Codes

3511	Clay Products Industry (From Domestic Clay)
3512	Clay Products Industry (From Imported Clay)
3521	Hydraulic Cement Industry
3541	Concrete Pipe Industry
3542	Structural Concrete Products Industry
3549	Other Concrete Products Industries
3551	Ready-Mix Concrete Industry
3561	Primary Glass and Glass Containers Industry
3562	Glass Products Industry (Except Glass Containers)
3571	Abrasives Industry
3581	Lime Industry

3591	Refractories Industry
3592	Asbestos Products Industry
3593	Gypsum Products Industry
3594	Non-Metallic Mineral Insulating Materials Industry
3599	Other Non-Metallic Mineral Products Industries not elsewhere classified

Sector Summary – Chemicals, Rubber and Plastics

DESCRIPTION

- Production of refined petroleum products including fuels and blended oils and greases
- Production of industrial organic chemicals and products (e.g. aliphatic acids, alcohols, glycols)
- Production of industrial inorganic chemicals and products (e.g. acids, alkalis, compressed gases and other inorganic compounds)
- Production of synthetic resins (e.g. powders, granules, flakes or liquids)
- Paint & Varnish industry; other chemical industries (primarily engaged in manufacturing chemicals not elsewhere classified)
- Tire and Rubber Industry

SIZE

- Number of Registered Premises = 3,276
- Number of Registered Workers = 128,496

HISTORY OF LTIs

Sectors	2006
LTI/100	1.2
LTIs	1,689.0
Other plastic operations	589.0
Pharmaceutical & Medicine Operations	191.0
Other rubber operations	158.0
Foamed & expanded plastic operations	82.0
Toiletry operations	84.0

ENVIRONMENT (growth, trends etc.)

- Growth Trends: There has been a major downsizing at most large companies
- Some downturn resulting in layoffs

MAJOR HAZARDS

- Chemical
- Fire and explosions
- Asbestos control
- Machine guarding
- Hot work in confined spaces
- Repetitive motion injuries
- Slips, trips and falls

- Noise
- Benzene in petroleum refineries
- 1,3 Butadiene in synthetic rubber industry
- PVC dust/fumes in production facilities
- Sulphuric and other inorganic acids in production facilities and petroleum refineries
- Storage and dispensing of flammable liquid

KEY ISSUES

- Emergency planning
- Shutting down and start up at refineries
- Lockout of complex operations or processes

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Guarding and lockout
- Control of exposure to chemicals through use of ventilation, and Personal Protective Equipment (PPE) (respirators, gloves and protective clothing)

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
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WSIB Rate Group

237 Tire & Rubber Industry
 238 Other Rubber Products
 258 Foamed & Expanded Plastic Product
 261 Plastic Film & Sheeting Industry
 263 Other Plastic Products
 507 Petroleum & Coal Products
 512 Pharmaceutical & Medical Industry
 514 Paint, Printing Ink & Adhesive
 517 Soap, Cleaning Compound Industry
 524 Other Chemical Industries
 529 Indicating & Other Instruments
 962 Advertisement & Entertainment Industry

SIC Codes

1511 Tire and Tube Industry
 1521 Rubber Hose and Belting Industry

1599 Other Rubber Products Industries
1611 Foamed and Expanded Plastic Products Industry
1621 Plastic Pipe and Pipe Fittings Industry
1631 Plastic Film and Sheeting Industry
1691 Plastic Bag Industry
1699 Other Plastic Products Industries not elsewhere classified
3611 Refined Petroleum Products Industry
3612 Lubricating Oil and Grease Industry
3699 Other Petroleum and Coal Products Industries
3711 Industrial Inorganic Chemical Industry
3712 Industrial Organic Chemical Industries, not classified elsewhere
3721 Chemical Fertilizer and Fertilizer Materials Industry
3722 Mixed Fertilizer Industry
3729 Other Agricultural Chemical Industries
3731 Plastic and Synthetic Resin Industries
3741 Pharmaceutical and Medicine Industry
3751 Paint and Varnish Industry
3761 Soap and Cleaning Compounds Industry
3771 Toilet Preparations Industry
3791 Printing Ink Industry
3792 Adhesives Industry
3799 Other Chemical Products Industries not elsewhere classified

Sector Summary – Construction Premises

DESCRIPTION

- Offices, Maintenance Garages, warehouse & equipment storage/yards, refrigeration, Heating Ventilating Air Conditioning (HVAC)
- Transportation of equipment & machinery to projects from the yard

SIZE

- Number of Registered Premises = 10,755
- Number of Registered Workers = 152,917

HISTORY OF LTIs

- No data available

ENVIRONMENT (growth, trends etc.)

- Seasonal employment increases including students
- Labour Relations: Union & non-union workplaces
- Most Health & Safety knowledge and contact is with the Construction Sector

MAJOR HAZARDS

- Lockout/machine guarding
- Material handling
- Lifting devices including vehicle hoists, floor hoists and forklifts
- Ergonomics (musculoskeletal injuries)
- Slips and falls
- Falls from heights
- Air receiver tanks & compressor equipment
- Vehicular/Pedestrian Traffic
- Carbon monoxide: warehouses & maintenance garages
- Legionella exposure

KEY ISSUES

- Apprenticeship and Certification Act, 1998 (ACA) & Trades Qualification and Apprenticeship Act (TQAA) (e.g. electrical, plumbing)
- Hazardous energy control
- Chemical handling/ Workplace Hazardous Materials Information System (WHMIS)

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Lifting devices
- Workplace Hazardous Materials Information System (WHMIS)
- Equipment guarding and lock-out
- Falls from ladders
- Driver safety programs
- Protection of Heating Ventilating Air Conditioning (HVAC) and Refrigeration workers from Legionella
- Young and new workers

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
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WSIB Rate Group

707	Mechanical/Sheet Metal
723	Siding & Outside Finishing

SIC Codes

4011	Single Family Housing
4012	Apartment and Other Multiple Housing
4013	Residential Renovation
4021	Manufacturing and Light Industrial
4022	Commercial Building
4023	Institutional Building
4111	Power Plants (Except Hydroelectric)
4112	Gas, Oil and Other Energy Related
4113	Gas and Oil Pipelines
4119	Other Industrial Construction
4121	Highways, Streets and Bridges
4122	Waterworks and Sewage Systems
4123	Hydroelectric Power Plants and Related Structures (Except Transmission Lines)
4124	Power and Telecommunication Transmission Lines
4129	Other Heavy Construction
4211	Wrecking and Demolition
4212	Water Well Drilling
4213	Septic System Installation
4214	Excavating and Grading
4215	Equipment Rental (With Operator)
4216	Asphalt Paving

4217 Fencing Installation
4219 Other Site Work
4221 Caisson Construction
4222 Form Work
4223 Steel Reinforcing
4224 Concrete Pouring and Finishing
4225 Precast Concrete Installation
4226 Rough and Framing Carpentry
4227 Structural Steel Erection
4229 Other Structural and Related Work
4231 Masonry Work
4232 Siding Work
4233 Glass and Glazing Work
4234 Insulation Work
4235 Roof Shingling
4236 Sheet Metal and Built-Up Roofing
4239 Other Exterior Close-In Work
4241 Plumbing
4242 Dry Heating and Gas Piping Work
4243 Wet Heating and Air Conditioning Work
4244 Sheet Metal and Other Duct Work
4251 Process Piping Work
4252 Automatic Sprinkler System Installation
4253 Commercial Refrigeration Work
4254 Environmental Control Work
4255 Millwright and Rigging Work
4256 Thermal Insulation Work
4259 Other Mechanical Specialty Work
4261 Electrical Work
4271 Plastering and Stucco Work
4272 Drywall Work
4273 Acoustical Work
4274 Finish Carpentry
4275 Painting and Decorating Work
4276 Terrazzo and Tile Work
4277 Hardwood Flooring Installation
4278 Resilient Flooring and Carpet Work
4279 Other Interior and Finishing Work
4292 Ornamental and Miscellaneous Fabricated Metal Installation
4293 Residential Swimming Pool Installation
4299 Other Trade Work not elsewhere classified
4411 Project Management, Construction
4491 Land Developers
4499 Other Services Incidental to Construction not elsewhere classified

Sector Summary – Education

DESCRIPTION

- Early Education Centres; Elementary, Secondary, Post-Secondary Schools; Colleges and Universities; driving schools; other educational services; libraries; museums

SIZE

- 72 district public and catholic school boards and 33 school authorities (for geographically isolated boards and hospital school boards) - source: Ministry of Education
- Number of Registered Premises = 7,387
- Number of Registered Workers = 381,699

HISTORY OF LTIs

Sector	2006
LTIs/100	0.6
LTIs	876.0
University Education	379.0
Elementary/Secondary	208.0
Child Daycare/Nursery	178.0
Post Sec. Non University.	62.0
Other Educational Services	21.0

ENVIRONMENT (growth, trends etc.)

- Growth Trends: jobs increased by 19,500 in education in 2007 (Ministry of Finance statistic)
- Budgetary constraints used as reasons for non-compliance in many areas such as ventilation, Joint Health and Safety Committee (JHSC) functioning, mould, violence prevention, etc.
- More contracting out of services e.g. cafeterias, cleaning, snow removal, etc.
- Older facilities in need of repair and renovation

MAJOR HAZARDS

- Slips, trips and falls – same level, ergonomics
- Falls – different level (ladders, chairs, desks)
- Struck by falling/flying objects
- Struck against objects
- Struck by mobile equipment
- Workplace violence

- Contact with sharp objects
- Electrical contacts
- Heat stress
- Mould in portables
- Asbestos in schools

KEY ISSUES

- Indoor Air Quality
- Multi-site JHSCs and arrangements/revisions to multi-workplace agreements
- Motor vehicle incidents
- Joint Health and Safety Committee (JHSC) representation (with multiple unions) and Certification (including school principals)

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Regular workplace inspections and Joint Health and Safety Committee (JHSC) meetings
- Previous incidents of workplace violence and the workplace violence prevention program
- Musculoskeletal Disorders (MSD) hazards such as handling of students with physical disabilities
- Ladder use

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

810	School Boards
817	University, Library, Museum, etc.
861	Treatment Clinic & Special Services

SIC Codes

8511	Elementary and Secondary Education
8521	Post-Secondary Non University Education
8531	University Education
8541	Library Services
8551	Museums and Archives
8599	Other Educational Services
8641	Child Day-Care and Nursery School Services

Sector Summary – Electrical and Electronics

DESCRIPTION

- Manufacture of electronic devices, switchgear, appliances, lamps and light bulbs

SIZE

- Number of Registered Premises = 1,876
- Number of Registered Workers = 108,012

HISTORY OF LTIs

Sectors	2006
LTI/100	0.6
LTIs	649.0
Small Electrical Appliances Op.	56.0
Other Office, Store & Bus.	38.0
Lamps and Shades	2.0
Electrical Transformer Op.	43.0
Lighting Fixtures	28.0

ENVIRONMENT (growth, trends etc.)

- Low Long Term Injury (LTI) rate for sector – rate constant
- There is a Safety Group for this sector

MAJOR HAZARDS

- Forklifts/lifting devices
- Traffic control in warehouses
- Racking safety
- Material handling issues
- Musculoskeletal Disorders (MSD)
- Electrical testing/trouble shooting/electrical contact
- Machine guarding/lock-out
- Noise, chemicals
- Explosion and fire hazards
- Falls from heights
- Slips and falls
- Overexertion

KEY ISSUES

- Ergonomics/ Musculoskeletal Disorders
- Hazardous energy control
- Workplace Hazardous Materials Information System (WHMIS)

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Lifting devices
- Musculoskeletal Disorders (MSD)
- Falls
- Workplace Hazardous Materials Information System (WHMIS)
- Equipment guarding and lock-out
- Electrical hazards
- Floors and surfaces

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
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- Forklifts – February 2009

WSIB Rate Group

402	Major Appliance Industry
420	Motor Vehicle Engine & Parts
460	Lighting Industries
466	Communication & Energy Wire
468	Communication and Other Electrical Equipment
477	Other Electrical Industrial Equipment Industry

SIC Codes

3311	Small Electrical Appliance Industry
3321	Major Appliance Industry (Electric and Non-Electric)
3331	Lighting Fixture Industry
3332	Electric Lamp and Shade Industry (Except Bulb and Tube)
3333	Electric Lamp (Bulb and Tube) Industry
3341	Record Player, Radio and Television Receiver Industry
3351	Telecommunication Equipment Industry
3352	Electronic Parts and Components Industry
3359	Other Communication and Electronic Equipment Industries
3361	Electronic Computing and Peripheral Equipment Industry
3362	Electronic Office, Store and Business Machine Industry
3369	Other Office, Store and Business Machine Industry
3371	Electrical Transformer Industry
3372	Electrical Switchgear and Protective Equipment Industry

3379	Other Electrical Industrial Equipment Industries
3381	Communications and Energy Wire and Cable Industry
3391	Battery Industry
3392	Non-Current Carrying Wiring Devices Industry
3399	Other Electrical Products Industries, not elsewhere classified

Sector Summary – Farming Operations

DESCRIPTION

- OHSA applies to all farming operations that have workers effective June 30, 2006 with some limitations & conditions: See Ontario Regulation 414/05. The OHSA does not apply to a farming operation operated by a self-employed person without any workers (as defined in the Act).

SIZE

- Number of Registered Premises = 299
- Number of Registered Workers = 5,417

HISTORY OF LTIs

Sectors	2006
LTI/100	2.2
LTIs	681.0
Greenhouses	114.0
Other Vegetable Farms	111.0
Nurseries	73.0
Mushroom	67.0
Tobacco	35.0

ENVIRONMENT (growth, trends etc.)

- Growth Trends: many different sized farms, downturn in tobacco farming
- Labour Relations: workplaces are non-unionized
- Strict bio-security protocols
- Off-shore / seasonal workers
- Contractors (Vets, Chicken catchers, electricians etc)
- Transporting workers on the farm
- Fish farms-Fish farm inland fishing is located in the province and the majority of farmed fish come from public waters in the North Channel north of Manitoulin Island

MAJOR HAZARDS

- Repetitive strain injuries (ergonomic)
- Falls, slips and trips
- Machine guarding
- Lockout procedures
- Hazardous atmospheres
- Manure pits
- Large animal handling

- Farming equipment: bailers, conveyors,
- Tractor operation
- Occupational disease
- Chemical exposure
- Electrical contact

KEY ISSUES

- Safety of young workers (no minimum age)
- Off shore / seasonal workers
- Joint Health and Safety Committee (JHSC) requirements on farming operations

ENHANCED DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Joint Health and Safety Committee (JHSC) / Health and Safety representatives and the Internal Responsibility System (IRS)
- The loading and unloading of material/equipment
- Musculoskeletal Disorders (MSD) initiatives
- Working with farm animals and potential biohazard exposure
- Working with farm equipment tractors, augers, conveyors etc
- Fall arrest /restraint equipment and training
- Work being done in close proximity to live electrical sources
- Ensure that workers use appropriate Personal Protective Equipment (PPE) while working with chemicals
- Inspectors should review guarding and lockout procedures

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

159	Livestock Farms
167	Field Crop Farms
174	Tobacco Farms
181	Fishing & Misc. Farm Products
184	Veterinary & Agriculture Service

SIC Codes

Registering a Farming Premise

Farming is set up in Inspector Notebook as a sector (**FARM**) under the IHS program. Normal INB registration procedures for Industrial premises apply. When registering a farming premise one of the following should be selected as the Primary SIC:

0111	Dairy Farms ***
0112	Cattle Farms ***
0113	Hog Farm ***
0114	Poultry & Egg Farms ***
0115	Sheep & Goat Farms
0119	Livestock Combinations
0121	Honey & Apiary Farms
0122	Horse Equine Farms
0123	Fur & Skins Ranch
0129	Other Animal Specialty Farms (n.e.c)
0131	Wheat Farms
0132	Small Grain Farms (Other than wheat)
0133	Oilseed Farms (Except corn)
0134	Grain Corn Farms
0212	Farm Animal Breeding services (except Poultry)
0311	Fish farms salt water fishing
0321	Fish Farm services incidental to fishing
0135	Forage, Seed & Hay Farms
0136	Pea & Bean Farms
0137	Tobacco Farms
0138	Potato Farms
0139	Other Field Crop Farms (n.e.c)
0141	Field Crop Combination Farms
0151	Fruit Farms
0152	Vegetable Farms
0159	Fruit & Vegetable Combination Farms
0161	Mushroom Farms ***
0162	Greenhouse Products ***
0163	Nursery Products
0169	Other Horticultural Specialties (n.e.c)
0171	Livestock & Field Crop Combination Farms
0312	Fish farm inland fishing

*** denotes a type of farm where JHSC requirements may apply as per Farming Reg. 414/05.

Sector Summary – Film and TV

DESCRIPTION

- Production of material to be shown on television or in the movie theatre (excludes television broadcasting which is federal jurisdiction)

SIZE

- Number of Registered Premises = 582
- Number of Registered Workers = 9,951

HISTORY OF LTIs

Sectors	2006
LTI/100	0.5
LTIs	59.0
Motion picture & video production	53.0
Motion picture labs & video	6.0
Motion picture & video distribution	0.0
Other motion picture	0.0

ENVIRONMENT (growth, trends etc.)

- Growth Trends: Toronto is the third largest film and television production centre in North America
- Other: There is a Section 21 tripartite health and safety advisory committee
- Sector is just now recovering from effects of SARS

MAJOR HAZARDS

- Dramatic stunts (e.g. jumping off a cliff or crashing a car)
- Chemical and safety hazards
- Fire hazards/Pyrotechnics
- Firearm hazards
- Heat/cold stress
- Special lighting – electrical hazards
- Handling chemicals – Workplace Hazardous Materials Information System (WHMIS) requirements
- Carbon Monoxide arising from use of gasoline-operated equipment
- Smoke created during filming
- Ergonomic issues when lifting and moving heavy equipment

KEY ISSUES

- Application of the Occupational Health and Safety Act and regulations to unique activities such as stunts and special effects
- Use of child actors
- Filming in abandoned buildings

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Check that workplace parties are familiar with duties and responsibilities prescribed in the Occupational Health and Safety Act
- Check that the installation and maintenance of temporary power distribution is performed by workers who have received adequate training (i.e. hold a Certificate of Qualification (C. of Q.) for Entertainment Power Technician issued by Ministry of Training Colleges and Universities (MTCU)
- If children are performing check to see the Child Performer guidelines published in 2007 by the MOL are being followed.
- Ergonomic issues when lifting and moving heavy equipment
- Workplace Hazardous Materials Information System (WHMIS)
- Check that pyrotechnic special effects technicians have received adequate training (i.e. have taken a certification program from Explosives Regulatory Division from Natural Resources Canada).

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

962 Advertisement & Entertainment Industry

SIC Codes

9611 Motion Picture and Video Production
9612 Motion Picture and Video Distribution
9613 Motion Picture Laboratories and Video Production Facilities
9614 Sound Recording Services
9619 Other Motion Picture, Audio and Video

Sector Summary – Fire Service

DESCRIPTION

- Municipal Full-time and Volunteer Fire Fighters

SIZE

- Number Registered Premises = 894
- Number Registered Workers = 24,763
- # full-time workers = 10,627*
- # part-time workers = 134*
- # volunteer workers = 19,031*
- # fire departments = 478*

* Source: Fire Marshal's Office (as of Mar. 30, 2007)

HISTORY OF LTIs

Sectors	2006
LTI/100	2.6
LTIs	7.0
Firefighting Services	7.0

ENVIRONMENT (growth, trends etc.)

- Labour Relations issues (spill over to OH&S issues)
- Other: Reduced budgets
- New presumptive legislation under the Workplace Safety and Insurance Act, 1998 for occupational disease
- Section 21 H&S Advisory Committee Guidance Notes
- Regulation 714/94 (Firefighters – Protective Equipment) applies to this sector

MAJOR HAZARDS

- Occupational Disease
- Air quality in Self-Contained Breathing Apparatus (SCBA)
- Self-Contained Breathing Apparatus (SCBA) use during fire suppression, salvage and overhaul
- Smoke, chemicals, explosion
- Biological agents during medical emergencies
- Slips and falls
- Ladder safety
- Ergonomics/overexertion
- Collapsing structures
- Heat/cold stress
- Lifting devices

KEY ISSUES

- Training of management/staff (full-time and volunteer firefighters) and documentation
- Multi-workplace Joint Health and Safety Committee (JHSC) requirements and Joint Health and Safety Committee (JHSC) representation
- Respiratory Protection

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Falls
- Respiratory Protection Programs
- Joint Health and Safety Committee (JHSC) / Health and Safety representatives and the Internal Responsibility System (IRS)
- Fire truck occupant safety (e.g. seat belt policies, O. Reg. 714/94 requirements for storage of equipment in fire trucks, etc.)
- Traffic control at emergency scenes
- Workplace Hazardous Materials Information System (WHMIS)
- Eyewash fountains in fire stations
- Lifting devices

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

845 Local Government Services

SIC Codes

8224 Firefighting Services
8324 Municipal Firefighting Services

Sector Summary – Fisheries

DESCRIPTION

- Fishing boats and services incidental to fishing (fishing inspection, bait preparation, net mending, fish hatchery service, fishing consulting service etc.)

SIZE

- Number of Registered Premises = 173
- Number of Registered Workers = 685

HISTORY OF LTIs

Sectors	2006
LTI/100	2.6
LTIs	18.0
Fishing	16.0
Services Incidental to fishing	2.0

ENVIRONMENT (growth, trends etc.)

- Labour Relations: Stable
- Declining catches and fishing activity
- Last fishing license issued in 1978 by Ministry of Natural Resources
- Harsh work environment, insular culture
- Variety of sizes of operations across the province (larger mostly in Lake Erie)

MAJOR HAZARDS

- Contact with moving machine parts (e.g. engine area, lifting devices)
- Drowning due to falls overboard and capsizing
- Ergonomics (e.g. heavy lifting, awkward postures & repetitive work tasks in loading & unloading of fish)
- Lacerations, cuts and punctures
- Noise
- Air Boats
- Same level falls due to slippery/uneven floor surfaces
- Struck by boxes/crates

KEY ISSUES

- Seaworthiness of boats
- Jurisdiction
- Lifejacket use

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following work:

- Falls from any height including surfaces for slips and trips
- Musculoskeletal Disorders (MSD) and repetitive motion / Lifting techniques and manual lifting
- Material Handling
- Proper precautions for use of knives, shears, slitters and slicers

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

181 Fishing & Misc. Farm Products

SIC Codes

0311 Salt Water Fishing Industry
0312 Inland Fishing Industry
0321 Services Incidental to Fishing

Sector Summary – Food, Beverage and Tobacco

DESCRIPTION

- Food, beverage and tobacco producers; slaughter houses; meat, fish and poultry processing plants

SIZE

- Number of Registered Premises = 3,204
- Number of Registered Workers = 131,180

HISTORY OF LTIs

Sector	2006
LTI/100	1.8
LTIs	2,406.0
Meat and Meat Products	449.0
Poultry Operations	279.0
Other Food Operations	263.0
Soft Drinks	246.0
Other Bakery Operations	232.0

ENVIRONMENT (growth, trends etc.)

- Growth Trend: expanding, highly competitive world trade market

MAJOR HAZARDS

- Electrical stunning equipment
- Machine entanglement
- Forklifts and material handling
- Infections/biological agents
- Heat and cold stress
- Chemicals and gases (e.g. CO₂ used as asphyxiant, ammonia leaks in refrigeration facilities)
- Slips and falls
- Confined Spaces (e.g. poultry processing plants)
- Ergonomics (e.g. awkward postures, repetitive work tasks, forceful and repetitive motions such as use of knives and material handling)
- Noise levels

KEY ISSUES

- Young workers, temporary workers
- Training new workers
- Split between farming & industrial jurisdiction

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Material handling activities that expose workers to struck by hazards e.g. securing raw materials, improperly stacked pallets, truck movement, traffic at loading docks, forklift operation
- Measures and procedures to protect workers against hot, cold and sharp materials and objects
- New worker and temporary worker training
- Musculoskeletal Disorders (MSD) hazards based on a review of previous incidents and workplace inspection

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

207	Meat & Fish Products
214	Fruit & Vegetable Products
216	Dairy Products
220	Other Bakery Products
222	Confectionary Industry
223	Other Food Products
226	Crushing & Grinding Food
230	Distillery & Wine Products
231	Soft Drink and Brewery Products

SIC Codes

1011	Meat and Meat Products Industry (Except Poultry)
1012	Poultry Products Industry
1021	Fish Products Industry
1031	Canned and Preserved Fruit and Vegetable Industry
1032	Frozen Fruit and Vegetable Industry
1041	Fluid Milk Industry
1049	Other Dairy Products Industries
1051	Cereal Grain Flour Industry
1052	Prepared Flour Mixes and Prepared Cereal Foods Industry

1053	Feed Industry
1061	Vegetable Oil Mills (Except Corn Oil)
1071	Biscuit Industry
1072	Bread and Other Bakery Products Industry
1081	Cane and Beet Sugar Industry
1082	Chewing Gum Industry
1083	Sugar and Chocolate Confectionery Industry
1091	Tea and Coffee Industry
1092	Dry Pasta Products Industry
1093	Potato Chip, Pretzel and Popcorn Industry
1094	Malt and Malt Flour Industry
1099	Other Food Products Industries, not elsewhere classified
1111	Soft Drink Industry
1121	Distillery Products Industry
1131	Brewery Products Industry
1141	Wine Industry
1211	Leaf Tobacco Industry
1221	Tobacco Products Industry

Sector Summary – Government

DESCRIPTION

- Provincial and Municipal administration; Correctional Institutions
- Federal buildings that have provincial workers

SIZE

- Number of Registered Premises = 4,254
- Number of Registered Workers = 205,427

HISTORY OF LTIs

Sectors	2006
LTI/100	2.0
LTIs	738.0
Band Councils	132.0
General Municipal /Regional Operations	539.0
Inter-governmental and other Extra-Territorial	26.0
Resource Conservation and Incidental Authorities	41.0

ENVIRONMENT (growth, trends etc.)

- Downsizing and attrition
- Other: Privatization

MAJOR HAZARDS

- Indoor air quality – mould, asbestos
- Motor Vehicle Injuries – driving safety
- Client violence in the workplace
- Moving parts on equipment (machine guarding/lockout)
- Slips and Falls
- Ergonomics/overexertion
- Mobile equipment and vehicular traffic
- Confined Spaces
- Ladders

KEY ISSUES

- Complaints and Work Refusals in Corrections
- Violence in the workplace
- Multi-site workplaces and Joint Health and Safety Committee (JHSC)

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Lifting devices
- Workplace Hazardous Materials Information System (WHMIS)
- Joint Health and Safety Committee (JHSC) / Health & Safety representatives and multi-workplace Joint Health and Safety Committee (JHSC) agreements
- Floors and surfaces
- Equipment guarding
- Eyewash fountains

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

845 Local Government Services

SIC Codes

8111 Federal Defence Services
8121 Federal Courts of Law
8122 Federal Correctional Services
8123 Federal Police Services
8125 Federal Regulatory Services
8129 Federal Other Protective Services
8131 Federal Labour and Employment Services
8132 Federal Immigration Services
8139 Federal Other Labour, Employment and Immigration Services
8141 Federal Foreign Affairs
8142 Federal International Assistance
8151 Federal Executive and Legislative Administration
8152 Federal Finance and Economic Administration
8153 Federal Taxation Administration
8154 Federal Intergovernmental Affairs Administration
8159 Federal Other General Administrative Services
8161 Health Administration
8162 Federal Social Service Administration
8163 Federal Education Administration

8164 Federal Recreational and Culture Administration
 8171 Federal Transportation and Communication Administration
 8172 Federal Resource Conservation and Industrial Development Administration
 8173 Federal Environment Administration
 8174 Federal Housing Administration
 8175 Federal Regional Planning and Development Administration
 8176 Federal Research Administration
 8221 Provincial Courts of Law
 8222 Provincial Correctional Services (Includes Youth Offenders Centres)
 8225 Provincial Regulatory Services
 8229 Provincial Other Protective Services
 8231 Provincial Labour and Employment Services
 8251 Provincial Executive and Legislative Administration
 8252 Provincial Finance and Economic Administration
 8253 Provincial Taxation Administration
 8254 Provincial Intergovernmental Affairs Administration
 8259 Provincial Other General Administrative Services
 8261 Provincial Health Administration
 8262 Provincial Social Service Administration
 8263 Provincial Education Administration
 8264 Provincial Recreation and Culture Administration
 8271 Provincial Transportation and Communication Administration
 8272 Provincial Resource Conservation and Industrial Development
 Administration
 8273 Provincial Environment Administration
 8274 Provincial Housing Administration
 8275 Provincial Regional Planning and Development Administration
 8276 Provincial Research Administration
 8321 Municipal Courts of Law
 8322 Municipal Correctional Services
 8325 Municipal Regulatory Services
 8329 Municipal Other Protective Services
 8351 Municipal Executive and Legislative Administration
 8352 Municipal Finance and Economic Administration
 8353 Municipal Taxation Administration
 8354 Municipal Intergovernmental Affairs Administration
 8359 Municipal Other General Administrative Services
 8361 Municipal Health Administration
 8362 Municipal Social Service Administration
 8363 Municipal Education Administration
 8364 Municipal Recreation and Culture Administration
 8371 Municipal Transportation Administration
 8372 Municipal Resource Conservation and Industrial Development
 Administration
 8373 Municipal Environment Administration
 8374 Municipal Housing Administration
 8375 Municipal Regional Planning and Development Administration
 8411 International and Other Extra-Territorial Agencies

Sector Summary – Industrial Services

DESCRIPTION

- Elevator/escalator installation/maintenance, display and billboard advertising; power laundries/dry cleaners; linen supply; custom welding and metal fabricating

SIZE

- Number of Registered Premises = 1,807
- Number of Registered Workers = 37,349

HISTORY OF LTIs

Sectors	2006
LTI/100	2.1
LTIs	269.0
Custom Welding Services	21.0
Display and Billboard Advertisement	5.0
Elevator/Escalator Installation	65.0
Linen Supply Services	147.0
Power Laundries/Dry Cleaner.	31.0

ENVIRONMENT (growth, trends etc.)

- Elevator stakeholders are varied (large and small contractors) with committees established by the Construction Safety Association of Ontario (CSAO), Technical Standards and Safety Authority (TSSA) and Workplace Safety Insurance Board (WSIB) Safety Group

MAJOR HAZARDS

- Machine entanglement
- Lifting devices/forklifts
- Automated equipment
- Welding hazards
- Material handling equipment
- Noise, heat, cleaning chemicals
- Falls from heights – roof tops, ladder
- Ergonomics and repetitive strain injuries/overexertion
- Chemical exposures
- Electrical contact/electrical testing/trouble shooting

KEY ISSUES

- Motor vehicle injuries - service workers in vehicles
- Chemical and biological contamination - laundries
- Workplace Hazardous Materials Information System (WHMIS) and Occupational Exposure Limits (OELs)

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Lifting devices
- Workplace Hazardous Materials Information System (WHMIS)
- Equipment guarding and lock-out
- Electrical hazards
- Floors and surfaces
- Falls
- Driver safety programs

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

383	Heating, Refrigerator & Air Conditioning
417	Aircraft & Aircraft Park
442	Railroad Rolling Stock
933	Equipment Rental/Repair Services
962	Advertising & Entertainment Industry

SIC Codes

4291	Elevator and Escalator Installation
7743	Outdoor Display and Billboard Advertising
9721	Power Laundries and/or Dry Cleaners
9725	Linen Supply
9942	Welding

Sector Summary – Live Performance

DESCRIPTION

- Production of staged entertainment by Theatre Companies, Opera Companies
- Includes circuses, other public entertainment

SIZE

- Number of Registered Premises = 156
- Number of Registered Worker = 5,686

HISTORY OF LTIs

Sectors	2006
LTI/100	1.1
LTIs	33.0
Entertainment production companies	28.0
Other theatrical & staged entertainment	5.0

ENVIRONMENT (growth, trends etc.)

- Has an Industry Health & Safety Advisory Committee for the Theatre portion of this sector
- Growth Trends: Uncertain
- Labour Relations: Unique collective bargaining and worker allocation traditions
- Bulk of activity is outside usual business hours
- Some performances are Federal jurisdiction

MAJOR HAZARDS

- Falls
- Pyrotechnics
- Smoke and fog
- Sound
- Portable electric generators (e.g. grounding)
- Noise
- Electrical hazards

KEY ISSUES

- The application of Industrial Reg. 851 and Construction Reg. 213/91 to this sector must be carefully considered as operations may be similar in appearance
- Child Performers

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Check to see if the workplace parties are familiar with duties and responsibilities as prescribed in the Occupational Health and Safety Act.
- As a resource workplace parties are encouraged to review the Safety Guidelines for Live Performance Industry in Ontario 3rd Edition.
<http://www.labour.gov.on.ca/english/hs/guidelines/liveperformance/index.html>

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

Not available

SIC Codes

9631 Entertainment Production Companies and Artists
9639 Other Theatrical and Staged Entertainment Services

Sector Summary – Logging and Sawmills

DESCRIPTION

- Forestry, logging, sawmills, veneer mills and other board mills

SIZE

- Number of Registered Premises = 3,946
- Number of Registered Workers = 38,953

HISTORY OF LTIs

Sectors	2006
LTI/100	2.7
LTIs	426.0
Sawmill and Planning Mill	217.0
Logging Operations	134.0
Forestry Services	26.0
Veneer and Plywood	48.0
Shingles and Shakes	1.0

ENVIRONMENT (growth, trends etc.)

- Sector is in a downturn
- Numerous mill closures and layoffs

MAJOR HAZARDS

Cut and skid operations:

- Chicots
- Proper felling techniques
- Danger zone around equipment and trees
- Lack of proper guarding and lockout practices
- Repetitive strain
- Noise
- Falls (e.g. haul trucks, equipment)
- Powerline contact

Mechanised Harvesting:

- Equipment danger zone
- Lack of proper guarding and lockout practices
- Repetitive Strain
- Noise

- Falls (e.g. haul trucks, equipment maintenance)
- Powerline contact
- Haul roads

Sawmills / Board mills:

- Proper guarding and lockout practices during maintenance, clearing jams, and making adjustments
- Noise and dust
- Musculoskeletal Disorders (MSD)
- Falls (e.g. equipment maintenance)

KEY ISSUES

- Chicots and dangerous trees
- Contractual arrangements (e.g. Sustainable Forest Licence (SFL) as licensees)
- Haul Road Use and Maintenance

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following work:

- Joint Health and Safety Committee / Health & Safety representatives and the Internal Responsibility System (IRS)
- Review Ministry of TCU Training and Certification
- Falls from any heights and surfaces for slips and trips
- Lifting device operations and inspection
- Guarding and lockout of plant and field equipment

Inspection blitzes planned for 08/09 (2 weeks period)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical – November 2008
- Forklifts – February 2009

WSIB Rate Group

- 30 Logging Operations
- 33 Forestry Services

SIC Codes

- 0411 Logging Industry (Except Contract Logging)
- 0412 Contract Logging Industry
- 0511 Forestry Services Industry
- 2511 Sawmill and Planing Mill Products Industry (Except Shingles and Shakes)
- 2521 Hardwood Veneer and Plywood Industry
- 2522 Softwood Veneer and Plywood Industry

Sector Summary – Office and Related Services

DESCRIPTION

- Includes Advertising, Real Estate Operations, Employment Agencies, Arenas, Banks, Collection Agencies, Security Firms, Shopping Centres, Travel Agencies

SIZE

- Number Registered Premises = 18,080
- Number Registered Workers = 509,932

HISTORY OF LTIs

Sectors	2006
LTI/100	0.8
LTIs	3,830.0
Personal Supplies	1,340.0
Employment Agencies	675.0
Security/Investigation	490.0
Operators Resident Bldg.	263.0
Other Business Services	234.0

ENVIRONMENT (growth, trends etc.)

- Growth Trends: Increasing home office and temporary workers groups
- Small Business
- Staff turn over

MAJOR HAZARDS

- Ergonomics
- Strains and sprains, lifting
- Indoor Air Quality (including mould)
- Violence in the workplace
- Stress
- Slips and falls
- Chemicals
- Machine guarding/lockout
- Contact with energized equipment
- Material handling and storage of goods

KEY ISSUES

- Employment of young workers
- Temporary workforce (agencies)
- Lack of training

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Joint Health and Safety Committee (JHSC)/Health and Safety representative and the Internal Responsibility System (IRS)
- Workplace Hazardous Materials Information System (WHMIS)
- Ergonomic issues Musculoskeletal Disorders (MSD) initiatives
- Violence in the workplace programs
- Young workers and working alone
- Slips and falls and Personal Protective Equipment (PPE)
- Noise levels
- Driving training
- Ladder safety
- Electrical contacts

Inspection blitzes planned for 08/09 (2 week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

875	Professional Offices/Agency
905	Apartment/Condominium Operation
908	Other Real Estate Operation
911	Security & Investigation Services
929	Supply of Non Clerical Labour
956	Legal & Financial
958	Technical & Business Services Industry
962	Advertisement & Entertainment Industry
981	Membership Organizations

SIC Codes

7011	Central Bank
7021	Chartered Banks
7029	Other Banking-Type Intermediaries
7031	Trust Companies
7041	Deposit Accepting Mortgage Companies (Except Co-Operatives)

7042	Co-Operative Mortgage Companies
7051	Local Credit Unions
7052	Central Credit Unions
7099	Other Deposit Accepting Intermediaries
7111	Consumer Loan Companies
7121	Sales Finance Companies
7122	Credit Card Companies
7123	Factoring Companies
7124	Financial Leasing Companies
7125	Venture Capital Companies
7129	Other Business Financing Companies
7211	Investment (Mutual) Funds
7212	Retirement Savings Funds
7213	Segregated Funds
7214	Investment Companies
7215	Holding Companies
7221	Mortgage Investment Companies
7222	Real Estate Investment Companies
7229	Other Mortgage Companies
7291	Trustee Pension Funds
7292	Estate, Trust and Agency Funds
7299	Other Investment Intermediaries, n.e.c.
7311	Life Insurers
7321	Deposit Insurers
7331	Health Insurers
7339	Other Property and Casualty Insurers
7411	Investment Dealers
7412	Stock Brokers
7413	Commodity Brokers
7421	Mortgage Brokers
7431	Stock Exchanges
7432	Commodity Exchanges
7499	Other Financial Intermediaries, not elsewhere classified
7511	Operators of Residential Buildings and Dwellings
7512	Operators of Non-Residential Buildings (Inc. arenas, shopping malls)
7599	Other Real Estate Operators
7611	Insurance Real Estate Agencies
7711	Employment Agencies
7712	Personnel Suppliers
7721	Computer Services
7722	Computer Equipment Maintenance and Repair
7731	Offices of Chartered and Certified Accountants
7739	Other Accounting and Bookkeeping Services
7741	Advertising Agencies
7742	Media Representatives
7749	Other Advertising Services
7751	Offices of Architects
7752	Offices of Engineers
7759	Other Scientific and Technical Services
7761	Offices of Lawyers and Notaries
7771	Management Consulting Services

7791	Security and Investigation Services
7792	Credit Bureau Services
7793	Collection Agencies
7794	Customs Brokers
7795	Telephone Answering Services
7796	Duplicating Services
7799	Other Business Services, not elsewhere classified
9621	Regular Motion Picture Theatres
9622	Outdoor Motion Picture Theatres
9629	Other Motion Picture Exhibition
9811	Religious Organizations
9821	Business Associations
9831	Professional Health and Social Service Membership Associations
9839	Other Professional Membership Associations
9841	Labour Organizations
9851	Political Organizations
9861	Civic and Fraternal Organizations
9961	Ticket and Travel Agencies
9962	Tour Wholesalers and Operators

Sector Summary – Police Service

DESCRIPTION

- Municipal and Provincial Police

SIZE

- Number of Registered Premises = 478
- Number of Registered Workers = 35,614

HISTORY OF LTIs

- Not available

ENVIRONMENT (growth, trends etc.)

- Growth Trends: Stable

MAJOR HAZARDS

- Handgun use
- Violent crimes
- Communicable diseases
- Traffic (e.g. roadside stops, traffic control)
- Exposure to lead and noise on firing ranges
- Musculoskeletal disorders (MSD)

KEY ISSUES

- Appropriate Personal Protective Equipment (PPE)
- Joint Health and Safety Committee (JHSC) functioning

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Joint Health and Safety Committee (JHSC) meetings and a well functioning Internal Responsibility System (IRS)
- Workplace violence prevention programs for police facilities
- Traffic struck-by hazards
- Measures and procedures to protect police against communicable diseases
- Musculoskeletal disorders (MSD)

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008

- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

Not available

SIC Codes

8223 Provincial Police Services
8323 Municipal Police Services

Sector Summary – Primary Metals

DESCRIPTION

- Foundries; steel mills; other metal smelting, refining, casting, extruding, rolling

SIZE

- Number of Registered Premises = 531
- Number of Registered Workers = 58,205

HISTORY OF LTIs

Sector	2006
LTI/100	1.7
LTIs	751.0
Primary Steel Operations	246.0
Aluminum Rolling, Cast & Extruded	182.0
Non-ferrous Rolled, Cast & Extruded	88.0
Iron Foundry Operations	82.0
Steel Foundries	36.0

ENVIRONMENT (growth, trends etc.)

- Base metal prices at record highs
- Significant trend of foreign ownership takeover of domestic companies
- Introduction of more efficient technologies

MAJOR HAZARDS

- Machine entanglement
- Lifting devices and forklifts
- Mechanized material handling
- Noise, heat, chemicals
- Slips and falls
- Ergonomics
- Molten metal
- Occupational Exposure Limits (OELs) – carbon monoxide, nickel, cadmium etc.
- Vehicular traffic

KEY ISSUES

- Young workers
- Coke Oven Emissions enforcement
- Contractor and temporary worker safety

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following work:

- Joint Health and Safety Committee (JHSC) / Health and Safety and the Internal Responsibility System (IRS)
- Falls from any heights including surfaces for slips and trips
- Musculoskeletal disorders (MSD) and repetitive motion / Lifting techniques and manual lifting
- Machine Guarding and Lockout
- Equipment Maintenance
- Material handling and pedestrian safety

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

352	Other Primary Steel Industry
368	Iron Foundries
361	Aluminum Industry
529	Indicating & Other Instruments

SIC Codes

2911	Ferro-Alloys Industry
2912	Steel Foundries
2919	Other Primary Steel Industries
2921	Steel Pipe and Tube Industry
2941	Iron Foundries
2951	Primary Production of Aluminum Industry
2959	Other Primary Smelting and Refining of Non-Ferrous Metal Industries
2961	Aluminum Rolling, Casting and Extruding Industry
2971	Copper And Copper Alloy Rolling, Casting & Extruding Industry
2999	Other Rolled, Cast and Extruded Non-Ferrous Metal Products Industries
2911	Ferro-Alloys Industry

2912	Steel Foundries
2919	Other Primary Steel Industries
2921	Steel Pipe and Tube Industry
2941	Iron Foundries
2951	Primary Production of Aluminum Industry
2959	Other Primary Smelting and Refining of Non-Ferrous Metal Industries
2961	Aluminum Rolling, Casting and Extruding Industry
2971	Copper And Copper Alloy Rolling, Casting & Extruding Industry
2999	Other Rolled, Cast and Extruded Non-Ferrous Metal Products Industries

Sector Summary – Pulp and Paper

DESCRIPTION

- Pulp and paper mills

SIZE

- Number of Registered Premises = 757
- Number of Registered Workers = 42,206

HISTORY OF LTIs

Sectors	2006
LTI/100	1.3
LTIs	527.0
Corrugated Box Operations	144.0
Folding Carton Operations	73.0
Coated and Treated Paper	71.0
Pulp and Newsprint	60.0
Converted Paper Products	49.0

ENVIRONMENT (growth, trends etc.)

- Technological advances – computer operated facilities
- Downsizing, modernization

MAJOR HAZARDS

- Paper Cutters
- Machine entanglement
- Material handling
- Racking systems
- Falls
- Repetitive Strains

KEY ISSUES

- Young workers
- Forklift Training
- Truck & Trailer Dumper Safety Procedures

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following work:

- Joint Health and Safety Committee (JHSC) / Health and Safety representatives and the Internal Responsibility System (IRS)
- Machine Guarding and Lockout
- Equipment Maintenance
- Lifting device usage and inspection
- Material Handling and Pedestrian Safety

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

338	Folding Carton Industry
341	Paper Products Industry
507	Petroleum & Coal Products

SIC Codes

2711	Pulp Industry
2712	Newsprint Industry
2713	Paperboard Industry
2714	Building Board Industry
2719	Other Paper Industries
2721	Asphalt Roofing Industry
2731	Folding Carton and Set-Up Box Industry
2732	Corrugated Box Industry
2733	Paper Bag Industry
2791	Coated and Treated Paper Industry
2792	Stationery Paper Products Industry
2793	Paper Consumer Products Industry
2799	Other Converted Paper Products Industries, not classified elsewhere

Sector Summary – Restaurants

DESCRIPTION

- Restaurants, Take-out Food, Caterers, Taverns, Bars & Nightclubs

SIZE

- Number of Registered Premises = 10,832
- Number of Registered Workers = 207,597

HISTORY OF LTIs

Sectors	2006
LTI/100	1.7
LTIs	4,625.0
Restaurant Licensed	2,092.0
Restaurant Unlicensed	1,569.0
Caterers	689.0
Takeout Foods	223.0
Taverns, bars, night clubs	52.0

ENVIRONMENT (growth, trends etc.)

- Family run businesses
- Small business dominates industry
- Some chain operations e.g. McDonalds
- Increasing growth in franchises
- Part-time, young workers
- Low wages, few benefits, high staff turnover
- Open long hours

MAJOR HAZARDS

- Slips and falls
- Mixers
- Electrical contact
- Heat stress
- Strains, sprains, ergonomics
- Lifting and carrying
- Violence

KEY ISSUES

- Motor vehicle accidents
- Employment of young workers
- Aging population

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following work:

- Joint Health and Safety Committee (JHSC) / Health and Safety representatives and the Internal Responsibility System (IRS)
- Review compressed gas cylinders/lockout procedures
- Review the floors and surfaces for slips and falls
- Lifting techniques and manual lifting/WHMIS training
- Musculoskeletal Disorders (MSD) and repetitive motion
- Driving training for caterers

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

919 Restaurant & Catering Industry

SIC Codes

9211	Restaurants, Licensed
9212	Restaurants Unlicensed (Including Drive-Ins)
9213	Take-out Food Services
9214	Caterers
9221	Taverns, Bars and Night Clubs

Sector Summary – Retail

DESCRIPTION

- Includes Liquor, Beer & Wine Stores; Building Materials; Florist Shops; Food Stores; Pet Stores; Household Furniture; Confectionery

SIZE

- Number of Registered Premises = 27,642
- Number of Registered Workers = 506,479

HISTORY OF LTIs

Sectors	2006
LTI/100	1.7
LTIs	7454.0
Supermarkets	2866.0
Department Stores	1250.0
Household Furniture	459.0
Other Clothing	333.0
Pharmacy Operations	231.0

ENVIRONMENT (growth, trends etc.)

- Mergers and consolidations
- Small Business
- Work force predominantly young workers (students)
- Turnover of staff
- Lack of supervision
- Trend towards one-stop shopping

MAJOR HAZARDS

- Ergonomics & Overexertion (strains, sprains, lifting)
- Material handling; increasing use of forklifts
- Material handling and storage of goods
- Slips & Falls; use of ladders
- Electrical contact
- Getting caught in machinery (meat grinders, dough mixers); machine guarding/lockout
- Workplace Hazardous Materials Information System (WHMIS), Occupational Exposure Limits (OELs), carbon monoxide (propane powered equipment used indoors)
- Working alone
- Violence

KEY ISSUES

- Employment of young workers
- Lack of knowledge with the Act
- Lack of training
- Supervisors unaware of their responsibilities under the Occupational Health and Safety Act (OHSA)

ENFORCEMENT DIRECTION

- Joint Health and Safety Committee (JHSC) / Health and Safety representatives and the Internal Responsibility System (IRS)
- Racking
- Material handling and lifting forklifts
- Ergonomic issues Musculoskeletal disorders (MSD) initiatives
- Violence in the workplace programs
- Slips, floors and falls from ladders
- Noise levels

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

322	Upholstered Furniture Industry
604	Food, Retail /Wholesale
606	Grocery & Convenience Store
607	Specialty Food Services
636	Non-Food Specialty Stores
638	Pharmacies
641	Clothing Stores
657	Automobile & Truck Dealer
933	Equipment Rental/Repair Services

SIC Codes

6011	Supermarkets
6012	Grocery Stores (Excluding Supermarkets)
6013	Bakery Products Stores
6014	Candy & Nut Stores
6015	Fruit & Vegetable Stores
6016	Meat Market, Retail
6019	Health Food Stores
6021	Liquor Stores
6022	Wine Stores
6023	Beer Stores
6031	Pharmacies

6032	Patent Medicine and Toiletries Stores
6111	Shoe Stores
6121	Men's Clothing Stores
6131	Women's Clothing Stores
6141	Children's Clothing Stores
6142	Fur Stores
6149	Other Clothing Stores n.e.c.
6151	Fabric and Yarn Stores
6211	Household Furniture Stores (With Appliances & Furnishings)
6212	Household Furniture Stores (Without Appliances & Furnishings)
6213	Furniture Refinishing and Repair Shops
6221	Appliance, Television, Radio and Stereo Stores
6222	Television, Radio and Stereo Stores
6223	Appliance, Television, Radio and Stereo Repair Shops
6231	Floor Covering Stores
6232	Drapery Stores
6239	Other Household Furnishings Stores
6411	Department Stores
6412	General Stores
6413	Other General Merchandise Stores
6511	Book and Stationary Stores
6521	Florist Shops
6522	Lawn and Garden Centres
6531	Hardware Stores
6532	Paint, Glass and Wallpaper Stores
6541	Sporting Goods Stores
6542	Bicycle Shops
6551	Musical Instrument Stores
6552	Record and Tape Stores
6561	Jewellery Stores
6562	Watch and Jewellery Repair Shops
6571	Camera and Photographic Supply Stores
6581	Toy and Hobby Stores
6582	Gift, Novelty and Souvenir Stores
6591	Second-Hand Merchandise Stores, not elsewhere classified
6592	Opticians' Shops
6593	Art Gallery and Artists' Supply Stores
6594	Luggage and Leather Goods Stores
6595	Monument and Tombstone Dealers
6596	Pet Stores
6597	Coin and Stamp Dealers
6598	Mobile Home Dealers
6599	Other Retail Stores n.e.c.
6911	Vending Machine Operators
6921	Direct Sellers
9911	Industrial Machinery and Equipment Rental and Leasing
9912	Audio-Visual Equipment Rental and Leasing
9913	Office Furniture and Machinery Rental and Leasing
9919	Other Machinery and Equipment Rental and Leasing
9941	Electric Motor Repair
9949	Other Repair Services, not elsewhere classified

Sector Summary – Textiles and Printing

DESCRIPTION

- Leather and Textiles; knitting mills and clothing; printing and allied industries

SIZE

- Number of Registered Premises = 4,719
- Number of Registered Workers = 127,631

HISTORY OF LTIs

Sector	2006
LTI/100	0.7
LTIs	1,034.0
Other commercial printing	366.0
Newspapers, magazines	145.0
Other processed textile products	75.0
Plate making, typesetting and binding	64.0
Household products of textile material	53.0

ENVIRONMENT (growth, trends etc.)

- Mixture of new technology (computer aided design and printing) and old technology

MAJOR HAZARDS

- Heat
- Noise
- Chemicals and dyes (e.g. glycol ethers, glycol ether acetates, toluene and other solvents in printing industries, sulphuric acid in textile & leather industries)
- Falls
- Ergonomics (e.g. repetitive & forceful exertions & awkward postures related to sewing, shoe manufacturing, printing industries, material handling, lifting)
- Textile dust

KEY ISSUES

- Young workers
- Pre-start review (e.g. structural adequacy of buildings/floors to support printing machines)

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Joint Health and Safety Committee (JHSC) / Health and Safety representatives and the Internal Responsibility System (IRS)
- Musculoskeletal disorders (MSD)
- Machine guarding and lockout
- Slips and trips – floor surfaces
- Falls from heights
- Lifting
- Noise levels
- Material handling hazards
- Workplace Hazardous Materials Information System (WHMIS)

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

273	Tanneries & Leather Products
289	Canvas & Textile Products
301	Clothing Industry
333	Commercial Printing Industry
962	Advertisement & Entertainment

SIC Codes

1711	Leather Tanneries
1712	Footwear Industry
1713	Luggage, Purse and Handbag Industry
1719	Other Leather and Allied Products Industries
1811	Man-Made Fibre and Filament Yarn Industry
1821	Wool Yarn and Woven Cloth Industry
1829	Other Spun Yarn and Woven Cloth Industries
1831	Broad Knitted Fabric Industry
1911	Natural Fibres Processing Felt Products
1921	Carpet, Mat and Rug Industry
1931	Canvas and Related Products Industry
1991	Narrow Fabric Industry
1992	Contract Textile Dyeing and Finishing Industry
1993	Household Products of Textile Materials Industry
1994	Hygiene Products of Textile Materials Industry
1995	Tire Cord Fabric Industry
1999	Other Textile Products Industries, not classified elsewhere
2431	Men's and Boys' Coat Industry

2432	Men's and Boys' Suit and Jacket Industry
2433	Men's and Boys' Pants Industry
2434	Men's and Boys' Shirt and Underwear Industry
2435	Men's and Boys' Clothing Contractors
2441	Women's Coat and Jacket Industry
2442	Women's Sportswear Industry
2443	Women's Dress Industry
2444	Women's Blouse and Shirt Industry
2445	Women's Clothing Contractors
2451	Children's Clothing Industry
2491	Sweater Industry
2492	Occupational Clothing Industry
2493	Glove Industry

Sector Summary – Tourism and Hospitality

DESCRIPTION

- Includes Lodging houses, laundries, golf courses, clubs, hotels, motels, amusement & recreation camp grounds, tripper and wilderness guides, theme parks, casinos, marinas, trailer parks, ski resorts, personal and household services

SIZE

- Number of Registered Premises = 11,026
- Number of Registered Workers = 261,378

HISTORY OF LTIs

Sectors	2006
LTI/100	1.8
LTIs	2,322.0
Janitorial Services	606.0
Hotels and Motels	589.0
Gambling Operations	252.0
Domestic Services	103.0
Other Services	76.0

ENVIRONMENT (growth, trends etc.)

- Small business dominates industry
- Remote outfitters
- Seasonal workforce, high staff turnover
- Young Workers

MAJOR HAZARDS

- Chemical handling/ Workplace Hazardous Materials Information System (WHMIS)
- Working with fuels safely
- Slips and falls
- Ultraviolet radiation (outside work)
- Occupational Exposure Limits (OELs)
- Strains and sprains, lifting - ergonomics
- Electrical contact
- Getting caught in machinery
- Drowning
- Heat stress
- Operation of motorized recreational vehicles (snowmobiles, all terrain vehicles)
- Work in remote areas
- Working alone

KEY ISSUES

- Motor vehicle accidents
- Employment of young workers
- Lack of training

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Joint Health and Safety Committee (JHSC) / Health and Safety representatives and the Internal Responsibility System (IRS)
- Guarding and lock-out
- Material handling and lifting
- Ergonomic issues Musculoskeletal Disorders (MSD) initiatives
- Violence in the workplace programs
- Young workers and working alone
- Slips and falls and Personal Protective Equipment (PPE)
- Noise levels
- Animal handling

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

908	Other Real Estate Operation
921	Hotels, Motels & Camping
923	Janitorial & Related Services
937	Gold, Curling & Skiing Facilities
944	Personal & Recreational Services
958	Technical & Business Services Industry

SIC Codes

9111	Hotels and Motor Hotels
9112	Motels
9113	Tourist Courts and Cabins
9114	Guest Houses and Tourist Homes
9121	Lodging Houses and Residential Clubs
9131	Camping Grounds and Travel Trailer Parks
9141	Outfitters (Hunting and Fishing Camps)
9149	Other Recreation and Vacation Camps
9641	Professional Sports Clubs
9642	Professional Athletes Promoters on Own Account

9643	Horse Race Tracks
9644	Other Race Tracks
9651	Golf Courses
9652	Curling Clubs
9653	Skiing Facilities
9654	Boat Rentals and Marinas
9659	Other Sports and Recreation Clubs
9661	Gambling Operations
9691	Bowling Alleys and Billiard Parlours
9692	Amusement Park, Carnival and Circus Operations
9693	Dance Halls, Studios and Schools
9694	Coin Operated Amusement Services
9695	Roller Skating Facilities
9696	Botanical and Zoological Gardens
9699	Other Amusement and Recreational Services n.e.c.
9711	Barber Shops
9712	Beauty Shops
9713	Combination Barber and Beauty Shops
9722	Distributors and/or Agents for Dry Cleaners
9723	Self-Serve Laundries and/or Dry Cleaners
9724	Valet Services, Pressing and/or Repair
9726	Carpet Cleaning
9729	Other Laundry and Dry Cleaning Services
9731	Funeral Homes
9732	Cemeteries and Crematoria
9741	Private Households
9791	Shoe Repair
9792	Fur Cleaning, Repair and Storage
9799	Other Personal and Household Services, not classified elsewhere
9931	Photographers
9951	Disinfecting and Exterminating Services
9952	Window Cleaning Services
9953	Janitorial Services
9959	Other Services to Buildings and Dwellings
9991	Parking Lots and Parking Garages
9999	Other Services, not classified elsewhere

Sector Summary – Transportation

DESCRIPTION

- Transportation associated with freight trucking; courier service; taxis; school buses; GO transit; urban transit systems; transit companies; ambulance services

SIZE

- Number of Registered Premises = 6158
- Number of Registered Workers = 181,348

HISTORY OF LTIs

Sectors	2006
LTI/100	2.8
LTIs	4,973.0
Used Goods Moving and Storage	226.0
School Bus Operation	232.0
Urban Transit Systems	63.0
Refrigerated Warehousing	71.0

ENVIRONMENT (growth, trends etc.)

- Growth Trends: Increase in trucking activity
- Other: Increased competition from U.S. carriers
- Increased media attention on the sector due to highway accidents involving trucks and violence to taxi-cab drivers & transit workers
- Complex Federal/Provincial jurisdiction issues

MAJOR HAZARDS

- Struck by falling/flying objects
- Traffic hazards on roads and in yards
- Falls from different level
- Falls from same level
- Contact with moving machine parts
- Overexertion injuries due to material handling, patient lifting
- Chemicals (e.g. carbon monoxide and diesel exhaust in trucking industries, cadmium and beryllium in aircraft repair industry)
- Violence to operators (taxi drivers, MTO inspection workers and transit workers)
- Loads not secured
- Vehicles not immobilized
- Gasoline tank explosions
- Operation of motorized recreational vehicles (snowmobiles, all terrain vehicles)

KEY ISSUES

- Employment of young workers, temporary workers
- Falls from any height
- Registration of workers as per O. Reg. 572/99 and the Apprenticeship and Certification Act, 1998

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Joint Health and Safety Committee (JHSC) / Health and Safety representatives and the Internal Responsibility System (IRS)
- Musculoskeletal Disorders (MSD) and Repetitive Motion / Lifting
- Violence Prevention Programs
- Equipment Maintenance
- Lifting device usage and inspection
- Material Handling and Pedestrian Safety

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

551	Air Transport Industry
553	Air Transport Services
560	Warehousing Industry
570	General Trucking
577	Courier Service Industry
580	Bus, Rail & Water Transportation
612	Agricultural Product, Sale
835	Oil, Power, Water Distribution
958	Technical & Bus Service Industry

SIC Codes

4511	Scheduled Air Transport Industry
4512	Non-Scheduled Air Transport, Chartered Industry
4513	Non-Scheduled Air Transport, Specialty, Industry
4521	Airport Operations Industry
4522	Aircraft Rental Industry
4523	Aircraft Servicing Industry
4529	Other Service Industries Incidental to Air Transport
4531	Railway Transport Industry
4532	Service Industry Incidental to Railway Transport

4541	Freight and Passenger Water Transport Industry
4542	Ferry Industry
4543	Marine Towing Industry
4544	Ship Chartering Industry
4549	Other Water Transport Industries
4551	Marine Cargo Handling Industry
4552	Harbour and Port Operation Industry
4553	Marine Salvage Industry
4554	Piloting Service, Water Transport Industry
4555	Marine Shipping Agencies Industry
4559	Other Service Industries Incidental to Water Transport
4561	General Freight Trucking Industry
4562	Used Goods Moving and Storage Industry
4563	Dry Bulk Materials Trucking Industry
4565	Forest Products Trucking Industry
4569	Other Truck Transport Industries
4571	Urban Transit Systems Industry
4572	Interurban and Rural Transit System Industry
4573	School Bus Operations Industry
4574	Charter and Sightseeing Bus Services Industry
4575	Limousine Service to Airports and Stations Industry
4581	Taxicab Industry
4589	Other Transportation Industries, not classified elsewhere
4591	Highway, Street and Bridge Maintenance Industry
4592	Freight Forwarding Industry
4599	Other Service Industries Incidental to Transportation, not classified elsewhere
4611	Natural Gas Pipeline Transport Industry
4612	Crude Oil Pipeline Transport Industry
4619	Other Pipeline Transport Industries
4711	Grain Elevator Industry
4791	Refrigerated Warehousing Industry
4799	Other Storage and Warehousing Industries, not classified elsewhere
4841	Postal Service Industry
4842	Courier Service Industry
8631	Ambulance Services

Sector Summary – Utilities

DESCRIPTION

- Line clearing firms; telecommunication firms; utilities; municipal power; private power; water; pipelines; telephone firms; cable television firms

SIZE

- Number of Registered Premises = 2,295
- Number of Registered Workers = 108,366

HISTORY OF LTIs

Sectors	2006
LTI/100	0.7
LTIs	596.0
Other Utility Industries	261.0
Electrical Power Systems	178.0
Cable Television	65.0
Telecommunications Carriers	53.0
Gas Distribution Systems	30.0

MAJOR HAZARDS

- Electrical hazards, falls from heights
- Drowning
- Noise
- Repetitive exertions
- Sprains & strains
- Working on or near live exposed parts of equipment or conductors and overhead power lines
- Chemical hazards, flammable gases, noise at co-generation stations
- Methane, moving equipment when work done on live lines
- Brush chippers
- Front-end loaders
- Asbestos
- Radiation
- Biohazards – sewage treatment

KEY ISSUES

- Electrical Utility Safety Rules referenced in Regulations for Industrial Establishments

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Joint Health and Safety Committee (JHSC) / Health and Safety representatives and the Internal Responsibility System (IRS)
- Confined space programs
- Noise levels
- Workplace Hazardous Materials Information System (WHMIS)
- Ergonomic issues
- Slips and falls
- Guarding and lockout
- Details of specific hazards to be targeted or emerging issues requiring intervention

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

570	General Trucking
830	Power & Telecommunication Lines
833	Electric Power Generation
835	Oil, Power, Water Distribution
983	Communication Services Industry

SIC Codes

4811	Radio Broadcasting Industry
4812	Television Broadcasting Industry
4813	Combined Radio and Television Broadcasting Industry
4814	Cable Television Industry
4821	Telecommunication Carriers Industry
4839	Other Telecommunication Industries
4911	Electric Power Systems Industry
4921	Gas Distribution Systems Industry
4931	Water Systems Industry
4999	Other Utility Industries, not classified elsewhere (including garbage collection/disposal dumps)

Sector Summary – Vehicles Sales and Services

DESCRIPTION

- Automobile and Truck Sales (new & used), Auto body repair shops, Tow trucks, General garage repairs, Muffler repair shops, Vehicle glass repair, Gas stations

SIZE

- Number of Registered Premises = 15,918
- Number of Registered Workers = 183,747

HISTORY OF LTIs

Sectors	2006
LTI/100	1.7
LTIs	2,367.0
Garage Repairs	913.0
Auto Trucks Sales	410.0
Home Auto Supplies	404.0
Gas Service Stations	140.0
Paint and Body Shop	110.0

ENVIRONMENT (growth, trends etc.)

- Growth Trends: Negative
- Small business dominates sector
- Difficult to attract new workers into industry

MAJOR HAZARDS:

- Lifting devices, hoists
- Improper blocking
- Vehicles moving in gear during repair
- Tire inflation and explosions
- Noise
- Solvents, Occupational Exposure Limits (OELs), Designated Substances Regulations (DSRs), carbon monoxide, isocyanates
- Falls from ladders or trucks, slips on floor
- Burns from exposure to flammables such as gas tank repairs
- Traffic control (especially within Tow Truck Industry)

KEY ISSUES

- Motor vehicle accidents
- Lack of training
- Unloading of auto carriers
- Employment of young workers
- Lack of knowledge of the Act
- Certificate of Qualification (C of Q)

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Joint Health and Safety Committee (JHSC) / Health and Safety representatives
- Guarding and lock-out
- Car Hoist maintenance/gas tank repairs
- Trades Qualification and Apprenticeship Act (TQAA) and Apprenticeship and Certification Act (ACA)
- Tire repairs and potential explosions
- Workplace Hazardous Materials Information System (WHMIS)
- Ergonomic issues Musculoskeletal disorders (MSD) initiatives
- Violence in the workplace programs
- Young workers and working alone
- Slips and falls and Personal Protective Equipment (PPE)
- Noise levels

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

570	General Trucking
630	Vehicle Services & Repair
636	Non-Food Specialty Stores
667	Automobile & Truck Dealer
670	Industrial & Service Mach. Sale

SIC Codes

6311	Automobile (New) Dealers
6312	Automobile (Used) Dealers
6321	Motor Home and Travel Trailer Dealers
6322	Boats, Outboard Motors and Boating Accessories Dealers
6323	Motorcycle and Snowmobile Dealers
6329	Other Recreational Vehicle Dealers
6331	Gasoline Service Stations

6341	Home and Auto Supply Stores
6342	Tire, Battery, Parts and Accessories Stores
6351	Garages (General Repair)
6352	Paint and Body Repair Shops
6353	Muffler Replacement Shops
6354	Motor Vehicle Glass Replacement Shops
6355	Motor Vehicle Transmission Repair and Replacement Shops
6359	Other Motor Vehicle Repair Shops
6391	Car Washes
6399	Other Motor Vehicle Services, not elsewhere classified
9921	Automobile and Truck Rental and Leasing Services

Sector Summary – Wholesalers

DESCRIPTION

- Includes Food wholesalers, Paper wholesalers, Lumber & building material, Big Box Stores, Recyclers

SIZE

- Number of Registered Premises = 13,313
- Number of Registered Workers = 211,078

HISTORY OF LTIs

Sectors	2006
LTI/100	1.1
LTIs	4,194.0
Wholesale Foods	729.0
Other Waste Materials	245.0
Plumbing, Heating AC	177.0
Other Petroleum	93.0
Paper Products	93.0

ENVIRONMENT (growth, trends etc.)

- Mergers and consolidations
- Small Business
- Work force predominately young workers (students)
- Turnover of staff

MAJOR HAZARDS

- Slips and falls
- Moving vehicle traffic (lifting devices)
- Falling materials
- Getting caught in moving machinery
- Carbon monoxide (propane power equipment used in doors)
- Ergonomics – sprains, strains, lifting
- Heat stress
- Ladder Use

KEY ISSUES

- Employment of young workers
- Temporary Agency workers
- Lack of training

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Joint Health and Safety Committee (JHSC) / Health & Safety representatives and the Internal Responsibility System (IRS)
- Forklifts maintenance
- Racking, Balers, ladders etc
- Workplace Hazardous Materials Information System (WHMIS)
- Ergonomic issues Musculoskeletal Disorders (MSD) initiatives
- Violence in the workplace programs
- Young workers
- Guarding and Lock-out
- Slips and falls and Personal Protective Equipment (PPE)
- Noise levels
- Driving training

Inspection blitzes planned for 08/09 (2 week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

237	Tire & Tube Industry
604	Food, Retail/Wholesale
612	Agricultural Product, Sale
636	Non-Food Specialty Stores
638	Pharmacies
657	Automobile & Truck Dealer
668	Computer/Off & Store Machinery
670	Industrial & Service Machinery, Sales
681	Lumber & Builder Supply
685	Metal & Metal Products
689	Waste Minerals (Recycling)

SIC Codes

5011	Livestock, Wholesale
5012	Grain, Wholesale
5019	Other Farm Products, Wholesale

5111 Petroleum Products, Wholesale
 5211 Confectionery, Wholesale
 5212 Frozen Food (Packaged), Wholesale
 5213 Dairy Products, Wholesale
 5214 Poultry and Eggs, Wholesale
 5215 Fish and Seafood, Wholesale
 5216 Fresh Fruit and Vegetables, Wholesale
 5217 Meat and Meat Products, Wholesale
 5219 Other Foods, Wholesale
 5221 Non-Alcoholic Beverages, Wholesale
 5222 Alcoholic Beverages, Wholesale
 5231 Drugs, Wholesale
 5232 Toilet Soaps and Preparations, Wholesale
 5239 Drug Sundries and Other Drugs and Toilet Preparations, Wholesale
 5241 Tobacco Products, Wholesale
 5311 Men's and Boys' Clothing and Furnishing, Wholesale
 5312 Women's, Misses' and Children's Outerwear, Wholesale
 5313 Women's, Misses' & Children Hosiery, Underwear & Apparel Accessories, Wholesale
 5314 Footwear, Wholesale
 5319 Other Apparel, Wholesale
 5321 Piece Goods, Wholesale
 5329 Notions and Other Dry Goods, Wholesale
 5411 Electrical Household Appliances, Wholesale
 5412 Electronic Household Appliances, Wholesale
 5421 Household Furniture, Wholesale
 5431 China, Glassware, Crockery and Pottery, Wholesale
 5432 Floor Coverings, Wholesale
 5433 Linens, Draperies and Other Textile Furnishings, Wholesale
 5439 Other Household Furnishings, Wholesale
 5511 Automobiles, Wholesale
 5512 Trucks and Buses, Wholesale
 5519 Other Motor Vehicles and Trailers, Wholesale
 5521 Tires and Tubes, Wholesale
 5529 Other Motor Vehicle Parts and Accessories, Wholesale
 5611 Iron and Steel Primary Forms and Structural Shapes, Wholesale
 5612 Other Iron and Steel Products, Wholesale
 5613 Non-Ferrous Metal and Metal Products, Wholesale
 5619 Combination Metal and Metal Products, Wholesale
 5621 Hardware, Wholesale
 5622 Plumbing, Heating and Air Conditioning Equipment and Supplies, Wholesale
 5631 Lumber, Plywood and Millwork, Wholesale
 5632 Paint, Glass and Wallpaper, Wholesale
 5639 Other Building Materials, Wholesale
 5711 Farm Machinery, Equipment and Supplies, Wholesale
 5721 Construction and Forestry Machinery, Equipment and Supplies, Wholesale
 5722 Mining Machinery, Equipment and Supplies, Wholesale
 5731 Industrial Machinery, Equipment and Supplies, Wholesale
 5741 Electrical Wiring Supplies and Electrical Construction Material, Wholesale
 5742 Electrical Generating and Transmission Equipment and Supplies, Wholesale

5743	Electronic Machinery, Equipment and Supplies (Except Computer and Related Equipment) Wholesale
5744	Electronic Controllers Modems and Related Devices, Wholesale
5749	Other Electrical and Electronic Machinery, Equipment and Supplies, Wholesale
5791	Office and Store Machinery, Equipment and Supplies, Wholesale
5792	Service Machinery, Equipment & Supplies, Wholesale
5793	Professional Machinery, Equipment and Supplies, Wholesale
5799	Other Machinery, Equipment and Supplies, Wholesale
5911	Automobile Wrecking
5919	Other Waste Materials, Wholesale (Recycling)
5921	Newsprint Wholesale
5922	Stationary and Office Supplies, Wholesale
5929	Other Paper and Paper Products, Wholesale
5931	Agricultural Feeds, Wholesale
5932	Seeds and Seed Processing, Wholesale
5939	Agricultural Chemical and Other Farm Supplies, Wholesale
5941	Toys, Novelties and Fireworks, Wholesale
5942	Amusement and Sporting Goods, Wholesale
5951	Photographic Equipment and Supplies, Wholesale
5952	Musical Instruments and Accessories, Wholesale
5961	Jewellery and Watches, Wholesale
5971	Industrial and Household Chemicals, Wholesale
5981	General Merchandise, Wholesale
5991	Books, Periodicals and Newspapers, Wholesale
5992	Second-Hand Goods, Wholesale (Except Machinery and Automotive)
5993	Forest Products, Wholesale
5999	Other Products n.e.c. Wholesale

Sector Summary – Wood and Metal Fabrication

DESCRIPTION

- Wood furniture & fixtures; primary metal and metal fabricating; heavy equipment manufacturing; miscellaneous manufacturing

SIZE

- Number of Registered Premises = 14,573
- Number of Registered Workers = 371,246

HISTORY OF LTIs

Sector	2006
LTIs/100	2.1
LTIs	6,827.0
Other metal fabrication	685.0
Construction and Mining Machinery	480.0
Machine shops	451.0
Metal Die, Mould and Pattern Operations	404.0
Other machinery and Equipment Operation	392.0

ENVIRONMENT (growth, trends etc.)

- Other: Highly competitive world trade market. Emerging industries and trends – computer aided design and small business growth

MAJOR HAZARDS

- Machine entanglement
- Forklifts
- Material handling & repetitive strain injuries
- Sharp metal edges, wood splinters
- Noise, heat
- Chemicals (e.g. formaldehyde in chipboard/plywood production facilities and furniture manufacturing facilities, methylene chloride in furniture industries, cadmium/hexavalent chromium/nickel and sulphuric acid in electroplating facilities, hexavalent chromium/nickel/lead/manganese/ozone and other welding gases in welding and flame cutting shops and in structure fabricating operations, metalworking fluids/chromium/nickel/lead and manganese in machine and metal finishing shops, hexavalent chromium/cadmium/lead/isocyanates/toluene/glycol ethers and glycol ether acetates in spray painting operations, styrene in boat building industries/fibreglass layup shops and moulding operations)

- Falls from heights
- Wood dust
- Secure storage and stacking of parts

KEY ISSUES

- Young workers
- Temporary workers

ENFORCEMENT DIRECTION

It is recommended that Inspectors pay particular attention to the following:

- Any previous incidents involving workplace violence
- High noise levels
- Slips and falls
- Adequate guarding and lockout
- Control of chemical exposures
- Inspection, maintenance, worker training and operation of forklifts and cranes
- Storage, stacking and material handling of parts/supplies
- Young and /or temporary workers
- Struck-by hazards e.g. falling raw materials, parts, products, loading areas

Inspection blitzes planned for 08/09 (2-week)

- New and Young Worker – June 2008
- Falls – September 2008
- Electrical Hazards – November 2008
- Forklifts – February 2009

WSIB Rate Group

308	Pre-fabric Wooden Building
311	Wooden Cabinet Industry
312	Wooden Box
322	Upholstered Furniture Industry
323	Metal Furniture
325	Wooden & Other Furniture
328	Other Furniture & Fixture
370	Metal Tanks Industry
374	Metal Door & Window Industry
375	Ornament & Architectural Metal Industry
379	Hardware, Tool & Cutlery
382	Metal Dies, Mould & Pattern
383	Heating, Refrigerator & Air Conditioning
385	Machine Shop Industry
387	Other Metal Fabricating
393	Wire Products
402	Major Appliance Industry
403	Industrial Machinery Industry

408	Compressor, Pump & Ind Fan
411	Construction & Mine Machinery
417	Aircraft & Aircraft Parts
442	Railroad Rolling Stock
529	Indicating & Other Instrument
533	Sign & Display Industry
538	Sporting Goods & Toy Industry
542	Other Manufactured Product

SIC Codes

2541	Prefabricated Wooden Buildings Industry
2542	Wooden Kitchen Cabinet and Bathroom Vanity Industry
2543	Wooden Door and Window Industry
2549	Other Millwork Industries
2561	Wooden Box and Pallet Industry
2581	Coffin and Casket Industry
2591	Wood Preservation Industry
2592	Particle Board Industry
2593	Wafer Board Industry
2599	Other Wood Industries, not classified elsewhere
2611	Wooden Household Furniture Industry
2612	Upholstered Household Furniture
2619	Other Household Furniture Industries
2641	Metal Office Furniture Industry
2649	Other Office Furniture Industries
2691	Bed Spring and Mattress Industry
2692	Hotel, Restaurant and Institutional Furniture and Fixture Industry
2699	Other Furniture and Fixture Industries n.e.c.
3011	Power Boiler and Heat Exchanger Industry
3021	Metal Tanks (Heavy Gauge) Industry
3022	Plate Work Industry
3023	Pre-Engineered Metal Buildings Industry (Except Portable)
3029	Other Fabricated Structural Metal Products Industries
3031	Metal Door and Window Industry
3032	Prefabricated Portable Metal Buildings Industry
3039	Other Ornamental and Architectural Metal Products Industries
3041	Custom Coating of Metal Products Industry
3042	Metal Closure and Container Industry
3049	Other Stamped and Pressed Metal Products Industries
3051	Upholstery and Coil Spring Industry
3052	Wire and Wire Rope Industry
3053	Industrial Fastener Industry
3059	Other Wire Products Industries
3061	Basic Hardware Industry
3062	Metal Dies, Moulds and Patterns Industry
3063	Hand Tool and Implement Industry
3069	Other Hardware and Cutlery Industries
3071	Heating Equipment Industry
3081	Machine Shop Industry
3091	Metal Plumbing Fixtures and Fittings Industry

3092	Metal Value Industry
3099	Other Metal Fabricating Industries, not classified elsewhere
3111	Agricultural Implement Industry
3121	Commercial Refrigeration and Air Conditioning Equipment Industry
3191	Compressor, Pump and Industrial Fan Industry
3192	Construction and Mining Machinery and Materials Handling Equipment Industry
3193	Sawmill and Woodworking Machinery Industry
3194	Turbine and Mechanical Power Transmission Equipment Industry
3199	Other Machinery and Equipment Industries n.e.c.
3211	Aircraft and Aircraft Parts Industry
3261	Railroad Rolling Stock Industry
3281	Boatbuilding and Repair Industry
3299	Other Transportation Equipment Industries
3911	Indicating, Recording and Controlling Instruments Industry
3912	Other Instruments and Related Products Industry
3913	Clock and Watch Industry
3914	Ophthalmic Goods Industry
3921	Jewellery and Silverware Industry
3922	Precious Metal Secondary Refining Industry
3931	Sporting Goods Industry
3932	Toys and Games Industry
3971	Sign and Display Industry
3991	Broom, Brush and Mop Industry
3992	Button, Buckle and Clothes Fastener Industry
3993	Floor Tile, Linoleum and Coated Fabric Industry
3994	Musical Instrument and Sound Recording Industry
3999	Other Manufactured Products Industries, not classified elsewhere