



APPENDIX B

COMPLETED INFECTIOUS DISEASE RISK ASSESSMENT TOOLS WITH DOMAIN SPECIFIC EXAMPLES

APPENDIX B - COMPLETED INFECTIOUS DISEASE RISK ASSESSMENT TOOL WITH DOMAIN SPECIFIC EXAMPLES

Department: _____ Location: _____

Job Position: _____ Date: _____

Assessors: _____ Manager: _____ JHSC: _____

Likelihood Rating	Severity Rating				
	Negligible	Minor	Moderate	Severe	Critical
Very likely	Medium	Medium	High	High	High
Likely	Medium	Medium	Medium	High	High
Possible	Low	Medium	Medium	Medium	High
Unlikely	Low	Low	Medium	Medium	Medium
Highly Unlikely	Low	Low	Low	Medium	Medium

Risk Level Legend L=Low M=Medium H=High

INFECTIOUS DISEASE RISK ASSESSMENT TOOL

Identify Risk			Analyze Risk			Assess Risk	Manage Risk
A. Exposure blood and fluids...							
1. TASK	2. POTENTIAL RISKS OF EXPOSURE	3. MODE OF TRANSMISSION	4. EXISTING CONTROLS	5. CONTRIBUTING FACTORS	6. APPLICABLE STANDARDS	7. RISK LEVEL L/M/H	8. PROPOSED CONTROLS
Working in office cubicle near other workers	Staff member is coughing and sneezing in close proximity to other workers.	<input type="checkbox"/> Contact <input checked="" type="checkbox"/> Droplet <input type="checkbox"/> Airborne <input type="checkbox"/> Vector <input type="checkbox"/> Vehicle	<ul style="list-style-type: none"> Hand and Hygiene facilities Janitorial services provide daily cleaning and disinfection in high use areas including washrooms and lunch room. 	<ul style="list-style-type: none"> Number of staff in the office No sick leave policy Workers coming to work sick Workstation configuration; workers are close together Sharing equipment (computers, phone etc) Workers not washing hands effectively 	<ul style="list-style-type: none"> OHSA sec. 25(2)(h) Industrial Establishments Reg. 851, sec. 130 PIDAC MLTSD Infection control webpage PHO resources website 	Sev= Mod Like= Possible Medium	<ul style="list-style-type: none"> Illness Reporting Policy Screening if required Stay home when sick or work from home Benefit plan for workers to support stay at home Education in measures to reduce spread including sneeze/cough etiquette Handwashing Social distancing Wearing a mask

General Infectious Disease Risk Assessment and Management Tool

							<ul style="list-style-type: none"> • Cleaning frequently touched surfaces • Signage to reduce spread • Reposition desks or offices to increase social distancing • Ventilation requirements for space are met
Providing First Aid	Providing treatment for cuts to staff at work	<input checked="" type="checkbox"/> Contact <input type="checkbox"/> Droplet <input type="checkbox"/> Airborne <input type="checkbox"/> Vector <input type="checkbox"/> Vehicle	<ul style="list-style-type: none"> • First Aid Training • First Aid Kit that contains PPE: Gloves • Handwashing • WHMIS 2015 Training 	<ul style="list-style-type: none"> • Unqualified First Aiders in Infection Control • Lack of PPE • No injury reporting and/or investigation 	<ul style="list-style-type: none"> • WHMIS 2015 • WSIA Regulation 1101 • OSHA section 25(2)(h) • MLTSD Infection control webpage • PHO resources website 	Sev= Mod Like= Possible Medium	<ul style="list-style-type: none"> • First Aid Policy • Injury Reporting and Investigation Procedure • PPE program: Mask, Eye protection
Worker Cleaning up grounds	Picking up contaminated needles	<input checked="" type="checkbox"/> Contact <input type="checkbox"/> Droplet <input type="checkbox"/> Airborne <input type="checkbox"/> Vector <input checked="" type="checkbox"/> Vehicle	<ul style="list-style-type: none"> • PPE: Gloves • Handwashing facilities • WHMIS 2015 Training 	<ul style="list-style-type: none"> • No biohazard training • Improper procedure • Lack of sharps disposal container 	<ul style="list-style-type: none"> • WHMIS 2015 • OSHA section 25(2)(h) • IER 851, sec. 130 • MLTSD Infection control webpage 	Sev= Mod Like= Possible Medium	<ul style="list-style-type: none"> • Biohazard Training • Needle disposal procedure • Sharps disposal container

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Risk Assessment Matrix					
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Very likely	Medium	Medium	High	High	High
Likely	Medium	Medium	Medium	High	High
Possible	Low	Medium	Medium	Medium	High
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Highly Unlikely	Low	Low	Low	Medium	Medium

Risk Level Legend L=Low M=Medium H=High

INFECTIOUS DISEASE RISK ASSESSMENT TOOL

Identify Risk			Analyze Risk			Assess Risk	Manage Risk
B. Contact or exposure with Animal or Human Waste ...							
1. TASK	2. POTENTIAL RISKS OF EXPOSURE	3. MODE OF TRANSMISSION	4. EXISTING CONTROLS	5. CONTRIBUTING FACTORS	6. APPLICABLE STANDARDS	7. RISK LEVEL L/M/H	8. PROPOSED CONTROLS
Worker assist child with Toileting or changing diaper.	Contact with Human Waste	<input checked="" type="checkbox"/> Contact <input type="checkbox"/> Droplet <input type="checkbox"/> Airborne <input type="checkbox"/> Vector <input checked="" type="checkbox"/> Vehicle	<ul style="list-style-type: none"> Gloves Handwashing Clean up procedures for accidental spills Immunizations up to date 	<ul style="list-style-type: none"> Lack of specific training to toileting and diaper changing No cleaning and disinfection procedures Improper handwashing 	<ul style="list-style-type: none"> OHSA S. 25(2)(h) IER Reg. 851 S.130 MLTSD Infection control webpage Daycare Nursery Act PHO disinfection 	Sev= Mod Like= Possible Medium	<ul style="list-style-type: none"> Training specific to Toileting and diapering Waste disposal procedure Proper handwashing procedure Training Cleaning & disinfection procedures
Worker cleaning a Public Washroom	Contact with infectious agents while cleaning	<input checked="" type="checkbox"/> Contact <input type="checkbox"/> Droplet <input type="checkbox"/> Airborne <input type="checkbox"/> Vector <input type="checkbox"/> Vehicle	<ul style="list-style-type: none"> Immunization up to date PPE: Gloves & eye protection 	<ul style="list-style-type: none"> Lack of training on specific task No specific chemical training Lack of PPE program 	<ul style="list-style-type: none"> WHMIS 2015 OHSA section 25(2)(h) IER 851, Sec. 79, 81, 84, 124, 126 & 130 MLTSD Infection control webpage PHO cleaning procedures 	Sev= Mod Like= Possible Medium	<ul style="list-style-type: none"> Training specific to tasks and chemical products used Handwashing PPE program

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					control webpage • PHO resources website		
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Possible	Low	Medium	Medium	Medium	High
Unlikely	Low	Low	Medium	Medium	Medium
Highly Unlikely	Low	Low	Low	Medium	Medium

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INFECTIOUS DISEASE RISK ASSESSMENT TOOL

Identify Risk			Analyze Risk			Assess Risk	Manage Risk
c. Contact or Exposure with Infected Living Animal e.g. Rabies							
1. TASK	2. POTENTIAL RISKS OF EXPOSURE	3. MODE OF TRANSMISSION	4. EXISTING CONTROLS	5. CONTRIBUTING FACTORS	6. APPLICABLE STANDARDS	7. RISK LEVEL L/M/H	8. PROPOSED CONTROLS
Worker caring for or handling animals .	Bite from infected animal	<input checked="" type="checkbox"/> Contact <input type="checkbox"/> Droplet <input type="checkbox"/> Airborne <input checked="" type="checkbox"/> Vector <input type="checkbox"/> Vehicle	<ul style="list-style-type: none"> Basic First Aid Animal training program Animal control procedures 	<ul style="list-style-type: none"> Lack of PPE program Lack of emergency procedures Lack of Infection control program Inconsistent hand & hygiene facilities Unsure of immunization status of workers 	<ul style="list-style-type: none"> OHSA section 25(2)(h) IER 851 S.130 MLTSD Infection control webpage PHO resources on Infection control and animal bites 	Sev= Severe Like= Likely High	<ul style="list-style-type: none"> PPE program Emergency procedures Hand and Hygiene facilities Immunizations up to date HR post-exposure vaccination protocols Hand sanitizer Animal vaccination & testing protocols

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Highly Unlikely	Low	Low	Low	Medium	Medium

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INFECTIOUS DISEASE RISK ASSESSMENT TOOL

Identify Risk			Analyze Risk			Assess Risk	Manage Risk
D. Contact with Contaminated Animal Products e.g. Salmonella, Listeria, Ecoli							
1. TASK	2. POTENTIAL RISKS OF EXPOSURE	3. MODE OF TRANSMISSION	4. EXISTING CONTROLS	5. CONTRIBUTING FACTORS	6. APPLICABLE STANDARDS	7. RISK LEVEL L/M/H	8. PROPOSED CONTROLS
Food Preparation	Cross contamination of food and exposure to infectious agents	<input checked="" type="checkbox"/> Contact <input type="checkbox"/> Droplet <input type="checkbox"/> Airborne <input type="checkbox"/> Vector <input checked="" type="checkbox"/> Vehicle	<ul style="list-style-type: none"> Close supervision and Buddy system for new workers 	<ul style="list-style-type: none"> Lack of Formal training program (food safety guidelines, food handling certificate) Lack of PPE Lack of WHMIS 2015 training 	<ul style="list-style-type: none"> WHMIS 2015 OHSA section 25(2)(h) IER 851 S. 130 MLTSD Infection control webpage PHO resources 	Sev= Severe Like= Likely High	<ul style="list-style-type: none"> PPE program Food Handling Safety program Handwashing protocols & hygiene facilities WHMIS 2015 training

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Possible	Low	Medium	Medium	Medium	High
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Identify Risk			Analyze Risk			Assess Risk	Manage Risk
E. Insect Bites (Tick, Flea, Mosquitos etc.) e.g. Lyme Disease, Malaria, West Nile Virus							
1. TASK	2. POTENTIAL RISKS OF EXPOSURE	3. MODE OF TRANSMISSION	4. EXISTING CONTROLS	5. CONTRIBUTING FACTORS	6. APPLICABLE STANDARDS	7. RISK LEVEL L/M/H	8. PROPOSED CONTROLS
Working outdoors	Insect bite(s)	<input type="checkbox"/> Contact <input type="checkbox"/> Droplet <input type="checkbox"/> Airborne <input checked="" type="checkbox"/> Vector <input type="checkbox"/> Vehicle	<ul style="list-style-type: none"> PPE; clothing Insect spray 	<ul style="list-style-type: none"> Working in infected areas Lack of procedures for working outdoors including risk assessment Lack of employee training Lack of PPE program 	<ul style="list-style-type: none"> OHSA section 25(2)(h) IER S.79, 84, 130 MLTSD Infection control webpage PHO resources 	Sev= Mod Like= Possible Medium	<ul style="list-style-type: none"> Procedures for working outdoors that include risk assessment and identification of control measures specific to risks. Avoidance of areas with high prevalence of infected insects Program for tick bites e.g. PPE requirements & insect repellent Procedure for post exposure or bites to mitigate harmful effects

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F. Exposure to Dust or Particulate Containing Pathogens e.g. Hanta Virus, Histoplasmosis							
1. TASK	2. POTENTIAL RISKS OF EXPOSURE	3. MODE OF TRANSMISSION	4. EXISTING CONTROLS	5. CONTRIBUTING FACTORS	6. APPLICABLE STANDARDS	7. RISK LEVEL L/M/H	8. PROPOSED CONTROLS
Maintenance / repairs activities	Disturbing dried animal droppings	<input checked="" type="checkbox"/> Contact <input type="checkbox"/> Droplet <input checked="" type="checkbox"/> Airborne <input type="checkbox"/> Vector <input type="checkbox"/> Vehicle	<ul style="list-style-type: none"> PPE: coverall and gloves 	<ul style="list-style-type: none"> Lack of specific procedures No PPE program e.g. respiratory protection Lack of worker training 	<ul style="list-style-type: none"> OHSA section 25(2)(h) IER 851, Sec. 79, 84, 126 & 130 MLTSD Infection control webpage PHO resources 	Sev= Mod Like= Very Likely High	<ul style="list-style-type: none"> Procedures for proper cleanup & animal removal PPE program e.g. respirator protection Hand washing Worker training

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INFECTIOUS DISEASE RISK ASSESSMENT TOOL

Identify Risk			Analyze Risk			Assess Risk	Manage Risk
G. Other e.g. Soil, food products							
1. TASK	2. POTENTIAL RISKS OF EXPOSURE	3. MODE OF TRANSMISSION	4. EXISTING CONTROLS	5. CONTRIBUTING FACTORS	6. APPLICABLE STANDARDS	7. RISK LEVEL L/M/H	8. PROPOSED CONTROLS
Digging a hole in the soil	Exposure to soil based pathogen	<input checked="" type="checkbox"/> Contact <input type="checkbox"/> Droplet <input checked="" type="checkbox"/> Airborne <input type="checkbox"/> Vector <input type="checkbox"/> Vehicle	<ul style="list-style-type: none"> Gloves 	<ul style="list-style-type: none"> Lack of specific procedures No PPE program e.g. respiratory protection Lack of worker training 	<ul style="list-style-type: none"> OHSA section 25(2)(h) IER 851, Sec. 79, 84, 126 & 130 MLTSD Infection control webpage PHO resources 	Sev= Mod Like= Possible Medium	<ul style="list-style-type: none"> Procedures for infection control PPE program for contact and airborne contaminants Handwashing Worker training

REFERENCES

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