

CO FRA-02 Vehicle Use

Name(s) of Risk Team Members: Diane Cabelli, Richard Hahn, Dave Alexoff	Point Value → Parameter ↓	1	2	3	4	5
Area/Facility Description Title: Vehicle Use	Occupancy or Use	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Area/Facility # (if applicable): CO-FRA-2						
Area/Facility Description: Use of laboratory cars, parking and driving on site	Severity	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
	Likelihood	Extremely Unlikely	Unlikely	Possible	Probable	Multiple
Approved by: Diane Cabelli Date: 5/18/11 Rev. #: 2						Reason for Revision: triennial
						Comments: Rev2: eliminate review of mouse transportation in CO van as program ended. Added availability of defensive driving course.

Physical Item or Activity	Hazard(s)	Control(s)	Risk with Controls in Place				Control(s) Added to Reduce Risk	Risk with Additional Controls in Place				% Risk Reduction
			Occupancy A	Severity B	Likelihood C	Risk* AxBxC		Occupancy A	Severity B	Likelihood C	Risk* AxBxC	
Parking and walking to building	Tripping, handicapped access, snow in winter. Cars block egress from first floor lab area	Parking lots generally close to building with sidewalk access. Two handicapped spots in front of main entrance, handicapped spots in side entrance. Plant Engineering keeps parking lots plowed in winter. Barrier to prevent cars from blocking egress. Broken sidewalks were replaced.	5	3	2	30	Deicing material at each main entrance-may not reduce risk significantly-need to monitor.					
Driving on site	Human and wildlife population density that increases the odds of hitting other vehicles, pedestrians, or animals such as deer, geese and wild turkeys; proliferation of crosswalks.	Defensive driving course being given on site. Low speed limit that is enforced.	4	3	2	24						

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			Occupancy A	Severity B	Likelihood C	Risk* AxBxC		Occupancy A	Severity B	Likelihood C	Risk* AxBxC	
Personnel arrive without driving license and then acquire license	No experience, generally taught by friends, often language barrier	BNL problem. Can address it on a personal level with new employees. BNL offers defensive driving course on site.	2	3	3	18						
Exiting at the end of the day or at lunchtime	Many cars exiting at the same time and main gate has single car access	Speed limits less than or equal to 30 mph.	5	2	2	20						
Bicycling on site	Hard to see bicycles in dark, no designated biking lanes	All bicyclists must wear helmets and all CO issued bicycles must be issued helmets, lights for the dark and have required number of reflectors.	5	3	2	30						
Further Description of Controls Added to Reduce Risk: Professionally given driving lessons for employees with no driver's license that are trying to get one. Periodic highlighting of driving rules in bulletin. CO keep copies of the NY State driving rules.												
*Risk:	0 to 20 Negligible	21 to 40 Acceptable	41 to 60 Moderate				61 to 80 Substantial				81 or greater Intolerable	