# **Tool for Observing Worksite Environments (TOWE)**

Worksite:	
Building/Address:	
Date: Time: Observer	<b>:</b>
Number of people employed at the worksite: _	
BUILDING ASSESSMENT	
This set of ratings is designed to understa of the worksite that may influence workpla immediate context for health promotion pa	ace health promotion and provide the
Number of buildings at the worksite	No. =
(verify ahead of site visit, if possible) If the worksite is located in more than one building, is the intervention being conducted in all buildings?	☐ Yes ☐ No If no, be sure to assess the environmental context of the other buildings as well.
Number of floors	No. =
Freestanding or connected to other buildings?	☐ Freestanding ☐ Connected
Is worksite all or part of building?	☐ All ☐ Part
Elevators:	☐ Yes ☐ No
Stairwells:	
Unlocked?	☐ Yes ☐ No
Convenient?	☐ Yes ☐ No
Attractive? (Comment:	☐ Very ☐ Somewhat ☐ No (Appealing, art) (OK) (Dim, narrow)
Reminder sign to take stairs?	☐ Yes ☐ No
Ramps:	☐ Yes ☐ No

Safety Equipment	
AED's (automatic electronic difibulators)	☐ Yes ☐ No
First Aid Kits	☐ Yes ☐ No
Respirators	☐ Yes ☐ No
Fire Extinguishers	☐ Yes ☐ No
Other Safety Equipment:	☐ Yes ☐ No
How many of the following items are presen	t inside the building?
Changing rooms	None □ 1 □ 2-4 □ 5 or more
Showers	None
Scales	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
For the items above that are present: Are the comfortable)? Are they easily accessible?	ey in good condition (e.g., fairly new, clean,
What is the overall work environment like? N space/crowded, etc?	Noise level, lighting (natural or electric), open
General impressions of the building (overall	condition, age of building, etc.):

### **Potential Meeting Rooms**

How many of the following items are present inside the building?

Conference rooms (for education)	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
Describe condition:	
Multi-purpose rooms Describe condition	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
Break Rooms Describe condition:	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
General Impressions and Other Comments	Related to the Building Assessment:
☐SIGNS AND BULLETIN BOARDS, K	IOSKS (the information environment)
This set of items is intended to help correctes that promote behaviors associated	
Location:	
NOTE THIS IS DONE FOR EACH BUILDIN How many signs or posters are present that	
Physical activity (encouragement to join	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
classes, park further away, etc.)  Dietary fat reduction or healthy nutrition (classes, food choices, snack	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
options) Emergency Response: Call 911; Signs	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
and symptoms of Heart Attack and Stroke  Employee Assistance Programs  (EAPs); Worklife balance/ Stress	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
reduction programs  Worksite Safety (ear/eye protection, tripping/falling hazards, hazardous	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
materials) Occupational Medicine/Safety Clinic	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
Clinical Preventive Service Offerings	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
No Smoking Policy	□ None □ 1 □ 2-4 □ 5 or more

### Tool for Observing Worksite Environments

Policy announcements on employee wellness Other: Describe:	None       1       2-4       5 or more         None       1       2-4       5 or more
Are there brochure racks or holders for health education materials?	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
For each item above that is present: how like	xely is an employee to notice and read them?
Are the signs or posters posted in places where employee congregate, pass frequently, or eat?	☐ Yes ☐ No
Are the signs or posters posted at eyelevel?	☐ Yes ☐ No
Are the signs or posters large and/or colorful	☐ Yes ☐ No
General Impressions and Other Comments	Related to Signs and Bulletin Boards:

### ☐FITNESS CENTER ASSESSMENT

This set of items is intended to help corroborate availability and appeal of the fitness centers, if any, associated with the worksite.					
Not applicable (there is no fitness or	enter) 🗌				
Time of visit: Hours of operation:					
How many of the following types of	exercise	equipment	are p	resent?	
Treadmills		None	1	<u> </u>	5 or more
Bikes		☐ None	□ 1	<u> </u>	5 or more
Rowing machines		☐ None	□ 1	<u> </u>	☐ 5 or more
Stepper machines		☐ None	<u> </u>	<u> </u>	5 or more
Strength equipment		☐ None	□ 1	<u> </u>	☐ 5 or more
Free weights		☐ None	<u> </u>	<u> </u>	5 or more
Other machines (type:	)	☐ None	□ 1	<u> </u>	5 or more
Other machines (type:	)	☐ None	□ 1	<u> </u>	5 or more
Are there enough machines given the number of employees at this worksite? Is it crowded? Are employees standing in line waiting for exercise equipment?					
For the items above that are present comfortable)?	nt: are the	ey in good o	conditi	on (e.g.	, clean,
How old is the current equipment?	☐ 1-5 y	ears 🗌 5	-10 ye	ars 🗌 1	0 or more years
Are the signs or posters posted at eyelevel?	Yes	□No			
Are the signs or posters large and/or colorful?	Yes	□No			

Is the fitness center an inviting, comfortable er fitness center easily accessible (e.g. near offic	
the outdoors (for running or walking)?	
Ambience:	
Is there a TV in the workout area?	☐ Yes ☐ No
If so, is the volume audible?	☐ Yes ☐ No
Is there music in the workout area?	☐ Yes ☐ No
If so, is the volume audible?	☐ Yes ☐ No
Are the signs or posters large and/or colorful	Yes No
Additional Physical Activity Opportunities?	
Is there additional space/rooms available for	☐ Yes ☐ No
classroom instruction (e.g., aerobics)?	
Are instructional classes offered?	☐ Yes ☐ No
If so, what type?	□ Vaa □ Na
Yoga Pilates	☐ Yes ☐ No ☐ Yes ☐ No
Aerobics	☐ Yes ☐ No
Other	☐ Yes ☐ No
Are the signs or posters large and/or colorful	☐ Yes ☐ No
Are there additional spaces/rooms for classrooms	
EDEOLIENOV2	
FREQUENCY?	
General Impressions and Other Comments Re	elated to the Fitness Center Assessment:

$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	
Not applicable (there is no occupational hea	lth clinic)
Hours of operation	☐ Limited hours ☐ Days ☐ All shifts
Staffing	Physician number  RNs: number  Paramedics: number  Counselors: number  Other staff: number  Specify:
Facilities:	☐ AEDs ☐ X-ray ☐ Beds: number ☐ Other (Specify):
Preventive services offered:	Health examinations Blood lipid testing Immunizations Mammography screening Other, specify:
Number of employees served: Number of buildings served: Distance from main working area:	
Description of key services, and accessibility	of services of the occupational health clinic.

#### **ASSESSMENT OF THE NUTRITION ENVIRONMENT AT WORK**

This set of ratings is intended to help corroborate the availability and promotion of healthy nutrition in the worksite and corroborate information about environmental changes that might encourage improved dietary behavior. This assessment will be conducted with: (1) a cafeteria (if any) on the worksite; (2) vending machines, and (3) lunch areas.

Assessment of Cafeteria or Other Resourcanteen, on-site sandwich shop, food vendor	
Not applicable (there is no cafeteria or simila	r other)
How many of the following items are available Fresh fruit	e in the cafeteria?  None 1 2-4 5 or more
Green salads	None         □ 1         □ 2-4         □ 5 or more
Low fat milk or yogurt options (check labels)	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
Entree labeled as low fat or hearty healthy	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
Vegetable options	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
Salad bar Observations:	☐ Extensive ☐ Limited ☐ None
Comment on the appeal of available items (els a range of low fat items offered? How notice labels?)	
What less healthy food choices are offered in	n the cafeteria?
How do the costs health food and beverage	choices compare to less healthy choices?
General Impressions and Other Comments F	Related to the Cafeteria Assessment:

## **Vending Machine Assessment**

Not applicable (there are no vending machines)				
Location:	(NOTE: Complete this page for each vending machine area.)			
How many vending machines are present?				
Where are they located?				
How many of the following	items do the vend	ding machines	offer?	
Drinks: Fruit/vegetable juices		☐ None ☐	]1	5 or more
Bottled water		☐ None ☐	] 1 🗌 2-4	5 or more
Diet soft drinks		☐ None ☐	]1	5 or more
Food: Low fat/sugar snacks		☐ None ☐	]1	5 or more
Items labeled as heart hea low calorie	lthy, low fat or	☐ None ☐	] 1 🗌 2-4	5 or more
Fresh fruit/vegetables		☐ None ☐	] 1 🗌 2-4	5 or more
Are there signs in the vencencourage selection of low		☐ Yes ☐ I	No	
If Yes, are the signs po eyelevel?		☐ Yes ☐ I	No	
If Yes, are the signs or colorful?	large and/or	☐ Yes ☐ I	No	
Is there a water cooler?		☐ Yes ☐ I	No	
What less healthy choices are offered in the vending machines?				
How do the costs health fo	od and beverage	choices compa	are to less l	healthy choices?
General Impressions and C Assessment:	Other Comments I	Related to the	Vending Ma	achine

### **Lunch Room Assessment**

Not applicable (there is no lunch room)	
Location:(NOTE: Co	omplete this page for each lunch room area.)
How many signs/posters in the lunch room e	encourage the following?
Fruit and vegetables consumption	□ None □ 1 □ 2-4 □ 5 or more
Increased physical activity	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
Dietary information (low fat/reduced calorie)	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
How many of the following items are availab	le for employee use?
Microwave	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
Other oven or toaster	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
Seating in or near the food preparation area	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
Refrigerator/Freezer	☐ Yes ☐ No
Sink	☐ Yes ☐ No
Is there a water cooler in or near the lunch room?	☐ Yes ☐ No
What is the condition of the appliances and/	or seating in the lunch room?
Are the appliances in good working order and regularly maintained?	☐ Yes ☐ No
Are the appliances cleaned regularly?	☐ Yes ☐ No
Are the appliances and seating easily accessible?	☐ Yes ☐ No
General Impressions and Other Comments	Related to the Lunch Room Assessment:

#### **□PARKING ASSESSMENT**

This set of ratings is intended to help physical factors of the worksite that are associated with physical activity in getting to work.

associated with physical activity in getting	ig to work.
How many of the following are present?	
Bike racks: Bike racks <u>outside</u> the building (check to see if they are over-full or empty, and note under General Impressions)	□ None □ 1 □ 2-4 □ 5 or more
Bike racks <u>inside</u> the building ( <i>check to see if they are over-full or empty, and note under General Impressions</i> )	☐ None ☐ 1 ☐ 2-4 ☐ 5 or more
Number of bikes parked in bike racks	☐ None ☐ 1-5 ☐ 6-9 ☐ 10 or more
Parking Lots:	
Number of Spaces:	☐ Small ☐ Medium ☐ Large (< 30 spaces) (31 – 99) (100+ spaces)
Surface of the parking lot Lighting in parking lot	☐ Paved ☐ Gravel ☐ Dirt ☐ Yes ☐ No
Where is the parking in relation to the works parking lot)?	ite (e.g., distance from building to nearest
General Impressions and Other Comments	Related to the Parking Assessment:

### **□**GROUNDS ASSESSMENT

Definition of "grounds":	
What exists adjacent to the grounds (e.g., open field, other business	s, highway)?
Which of the following items are present on the grounds?	
Volleyball court	☐ Yes ☐ No
Basketball hoop	☐ Yes ☐ No
Walking path on or adjacent to grounds	☐ Yes ☐ No
Bike paths on or adjacent to grounds	☐ Yes ☐ No
Open space/grassy area large enough for physical activity or group	☐ Yes ☐ No
activity Lighting on the grounds	☐ Yes ☐ No
Sidewalks on grounds	☐ Yes ☐ No
Benches on the grounds	☐ Yes ☐ No
Water fountains	☐ Yes ☐ No
Public telephone	☐ Yes ☐ No
General Impressions and Other Comments Related to the Grounds What is the landscaping like? How is it maintained (e.g., Are there coroken glass?) How do people get around the grounds safety?	

	IITY ASSES	SMENT
--	------------	-------

This set of ratings is intended to identify the factors in the community that are associated with availability of (1) healthy food choices (2) physical activity (3) health care.					
Site description: Rural Suburban Urban					
Is the area surrounding the work Residential (single family homes Commercial, Industrial, Government (school, police, fire, office), use?					
What is the approximate distance from the worksite (in miles) to t	he nearest:				
Town, downtown or city:	miles				
Restaurants or fast food outlets:	miles				
Park or other natural area:	miles				
How many of each of the following items exists within a 0.5 mile radius (5 blocks) of the worksite?					
Transportation Features:					
Describe Traffic Level	Light Moderate				
Mass transit (bus stops, subway stations)	☐ Heavy ☐ Yes ☐ No				
Bike Lanes	☐ Yes ☐ No				
Sidewalks Condition: (e.g., Are they continuous or not, is there a buffer with the curb, condition):	☐ Yes ☐ No				
Off road bike or walking trails Condition: (e.g., paved or unpaved)	☐ Yes ☐ No				

#### Food and Retail Outlets:

Fast food outletsfeaturing high fat foods:	None	1	<u>2-4</u>	5 or more	
(e.g., MacDonalds, Pizza Hut)					
Gas Station/Convenience Store		∐ 1	∐ 2-4	□ 5 or more	
Street vendors (e.g., hot dog stands)	☐ None	□ 1	_ 2-4	☐ 5 or more	
Café, deli, cafeterias (including an extensive salad bar), coffee shop	☐ None	<u> </u>	<u> </u>	☐ 5 or more	
Other food establishment or specialty	□None	□ 1	□ 2-4	5 or more	
shop (e.g. ice cream parlor, juice bar,	<u> </u>	_	<u> </u>	_	
donut shop)					
Ethnic/family restaurants (non-fast food	☐ None	1	<u> </u>	5 or more	
restaurants)	□ None	□ 4		□ E or more	
Grocery stores / supermarkets / fruit and vegetable market		∐ 1	<u></u> 2-4	5 or more	
Open-space/ grassy area large enough for	None	□ 1	□ 2-4	5 or more	
physical activity playgrounds, parks					
Athletic fields or other sports facilities	■ None	1	<u> </u>	5 or more	
(including swimming facilities), golf course <b>Shopping center</b> , strip mall	☐ None	<u> </u>	_ 2-4	5 or more	
Community recreation center (YMCA)	☐ None	□ 1	_ 2-4	☐ 5 or more	
Bar/nightclub	☐ None	<u> </u>	<u> </u>	5 or more	
Houses of Worship	☐ None	□ 1	_ 2-4	5 or more	
<b>Shopping mall</b> or department store or "big box" store (e.g., Home Depot, Best	☐ None	<u> </u>	_ 2-4	5 or more	
Buy, Sears, Wal-Mart, Target)  Other service (e.g., bank or credit union, beautician, lawyer, accountant, realtor, laundry/dry cleaner, commercial mailing	None	<u> </u>	<u> </u>	5 or more	
service, movie theater, hotel/motel)					
Pharmacy or drug store	☐ None	□ 1	<u> </u>	5 or more	
Hospitals, clinic, doctor's office, health department	☐ None	<u> </u>	_ 2-4	5 or more	
General Impressions and Other Comments Related to the Community Assessment:					

Tool for Observing Worksite Environments

☐ OTHER
What is it about the worksite environment that particularly encourages healthy lifestyles (e.g. physical activity and/or improved nutrition)?
Other comments:
Name and title of employee(s) who accompanied you on tour of the worksite:
Note any relevant comments that the employee made while facilitating the tour:

#### **Procedures for Completing the Assessment**

NOTE: Please prioritize sections depending on which interventions you have discussed with worksite representatives. Use the check boxes before each section to indicate which sections you have completed as a priority.

- 1. Obtain permission from manager to inspect the building and the grounds. Make observations in the daylight. It would be desirable to have an escort to make sure you cover all the stairwells, lunch rooms, vending machines, etc. However, do all observations independently.
- 2. If no one accompanies you, it would be useful to check with someone (e.g., the manager's secretary) to make sure you did not miss the fitness center, a cafeteria, showers, etc. Go through the major points of the assessment with them.
- 3. If possible, walk down all corridors on every floor, so you do not miss any of the items. Go into the target areas like the lunch room, cafeteria, and fitness center; only write down what you actually observe.
- 4. There are three environments that are evaluated. The first is the "worksite," which is the area of the building that is under one management. The second is the "grounds," which is the area around the worksite building. The third is the "community," which is the area just beyond the grounds.

The definition of worksite "grounds" will vary. If the worksite is in its own building that is not shared, that plot of land, including parking, will be the grounds. If the building or plot of land is shared with other tenants, the entire plot of land is considered the grounds. Thus, the cafeteria, showers, fitness center, or parking may be shared with other companies. However, only assess the stairways, elevators, and vending machines that are in the parts of the building owned or leased by the target company, or in shared areas.

If the workplace is in a large commercial or industrial complex, the complex may be too large to consider the workplace grounds. In this case, define grounds as you see fit and ask employees what they consider part of their worksite. In your assessment, include a description of how you defined "grounds".

- 5. Examine the bulletin boards as you go around the worksite. At each bulletin board, examine postings for target notices. Only evaluate the first page or first layer of postings. For dietary information, do not evaluate postings of menus. For physical activity, do not assess signs related to movement safety at work; only those that are related to promotion of physical activity. Signs and posters can be posted anywhere. There is not a distinction whether signs are on bulletin boards or posted elsewhere.
- 6. For dining areas look for labeling that is visible on a casual inspection of the area. Record what you can see standing where you would stand if you were ordering or going through a cafeteria line. It is not necessary to examine every package. The only thing to specifically look for is whether low fat milk and yogurt are available. For these, you will need to look at the labels.

Labeling of low fat items should be easily visible, such as on separate signs or placards. Nutrition information signs may be in front of items on a cafeteria line, and they should show content of fat, cholesterol, calories, or sodium. For food areas, if salad or fruit is listed on the menu, it is available.

- 7. Under Grounds Assessment, we are interested in open space/grassy areas that are large enough to use for physical activities such as football, volleyball, walking or lead to places where one could walk or run.
- 8. The Community Assessment does not need to be completed as part of the tour. It can be completed at a time separate from the site visit with the employees, thereby limiting employee burden. When conducting the scan of the community environment within the 0.5 mile radius (5 blocks) of the worksite, cover main streets predominantly. To further focus the scan, get suggestions from staff regarding where people typically go to eat, shop, or engage in physical activity.

#### Attribution:

The Enhanced SWAT Tool for Observing Worksite Environments (TOWE) was adapted by RTI for CDC from the Checklist of Health Promotion Environments at Worksites

(CHEW; Oldenburg et al., 2002)