



Brown & Root Guideline for COVID-19 Screening

Revision 1 – Passive Screening Questions

Purpose:

This document provides guidance to set up a Point of Entry (POE) screening program for COVID-19 at locations where Brown & Root is conducting screening outside of a third party or client protocol.

Business Line President approval is required.

Definitions:

1. Passive Screening refers to screening conducted by asking questions only.
2. Active Screening refers to screening conducted by asking questions and taking temperatures.
3. Close Contact refers to social contact within 2 meters / 6 feet of a known or suspected COVID-19 case for more than 15 minutes.
4. Non-Contact Temperature Reading Method allows a person's temperature to be taken without direct contact with the body.

Entry Areas:

- Entrance access must be controlled by the screener/management.
- Entry area should be sufficient so that persons awaiting entry can remain at least 6 feet apart during the entire screening process.
- Refer to "Attachment A" for an example of how to set up an area for entry.

Personal Protective Equipment:

- Required PPE for reading temperatures:
 - Nitrile gloves
 - Approved respirator (N95 or equivalent)
 - Safety glasses
- Following the screening procedure:
 - Remove and dispose of gloves. Do not touch outside of gloves.
 - Remove respirator by loosening straps, avoiding touching front of mask. Discard or place in designated receptacle for cleaning.
 - Wash hands immediately after removing PPE or at any stage in which hands become contaminated.
- Report any breaches in PPE or potential exposures to supervisor.

Screeners:

- Screeners need to be selected and trained in this process, tools and PPE required to perform this screening.



Screening Process:

- Passive Screening:
 - Entrants should wash hands before and after screening.
 - Entrants will be advised (by a poster and other communications) that they should not attempt to be screened if they are ill or have been in close contact with someone who has suspected or confirmed COVID-19.
 - Screeners will ask the following questions:
 1. Do you presently have any flu-like symptoms or do you have a fever (greater than 100 F or 38 C) or symptoms of lower respiratory illness such as cough, shortness of breath, difficulty breathing or sore throat?
 2. Have you come in close contact (within 6 feet) with a person who is known to have the COVID-19 virus or is suspected to have the COVID-19 virus in the last 14 days?
 - If the answer to both of these questions are “No” then the entrant will be allowed to proceed into the work area.
 - If the entrant answered “Yes” to question number 1, they will not be allowed entry and will be directed that they will not be allowed to entry until they are free of symptoms commonly associated with COVID-19 for 24 hours and have obtained medical clearance from a medical provider or have been free of symptoms for 14 days. If an employee is confirmed not to be infected by COVID-19, the employee can return to work with clearance from a medical provider.
 - If the entrant answered “Yes” to question number 2 they will not be allowed entry and will be directed that they will not be allowed to entry until they have obtained medical clearance from a medical provider or have exhibited no symptoms for 14 days.
- Active Screening:
 - All requirements of passive screening will be followed.
 - Temperatures will be taken through a Non-Contact Temperature Reading Method using the following or an approved alternate device.
 - Non-contact infrared thermometers (NCIT)
 - Device using an infrared sensor to detect thermal radiation, typically used on the forehead. Does not require sanitation between usage.
 - Single-use test strips
 - Single use disposable strips that use a matrix of temperature sensitive dots to detect and record oral body temperature.
 - Temperatures should be read before employees access the jobsite. For sites that bus employees from an off-site parking lot, temperatures should be read before an employee boards the bus.
 - NCIT usage requires one individual to scan and verify results per testing station. Multiple testing stations are recommended to be utilized and spaced out to follow established social distancing.



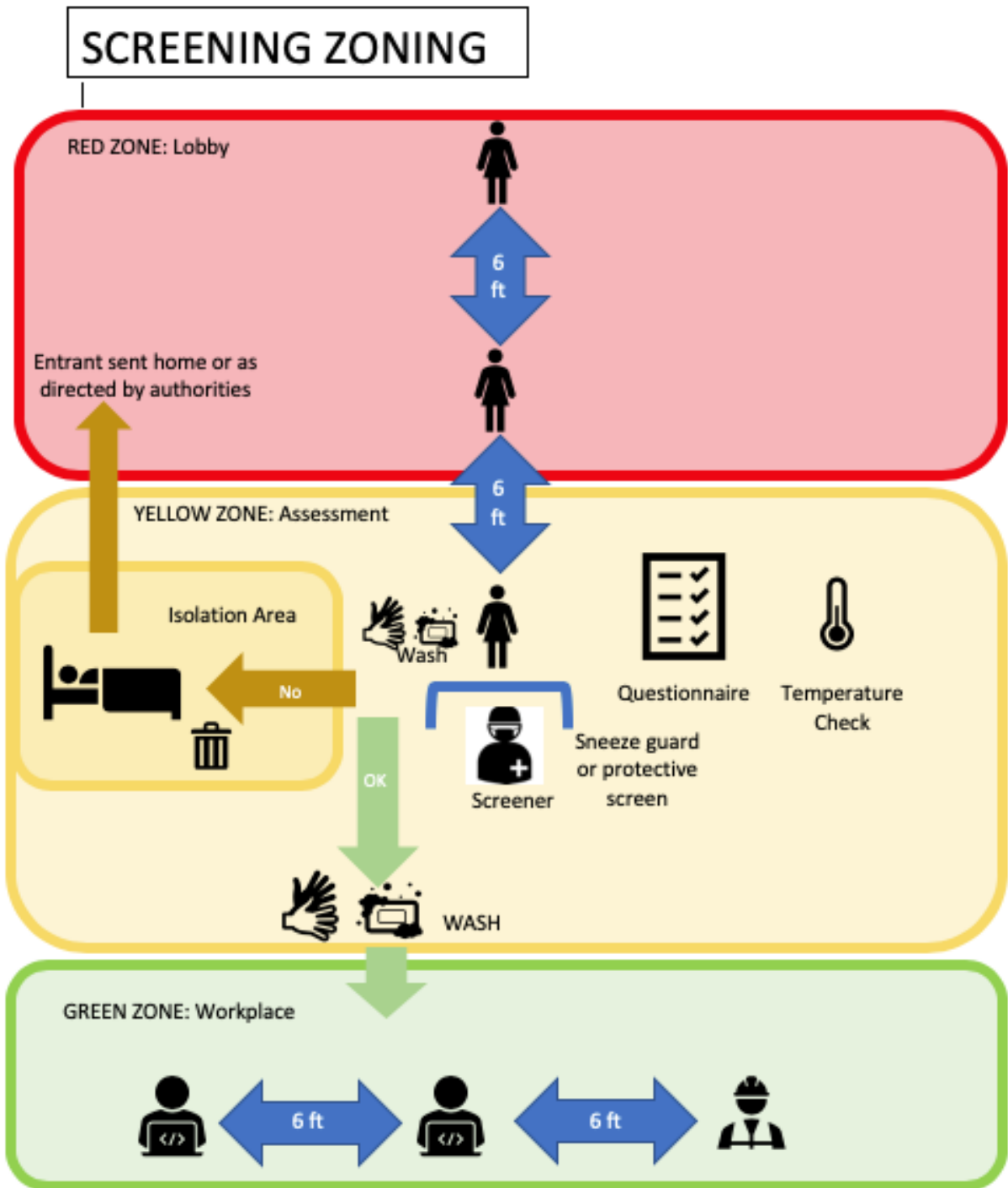
- NCIT's each have different operating parameters, so it is necessary to consult the instructions for specifics. In general, operation consists of:
 - Persons to be measured must remove any hard hats, head coverings, hair, sweat, or dirt from their forehead prior to temperature reading.
 - Avoid excessive physical activity prior to having temperature read, as this can result in elevated temperature.
 - Thermometer should be held between 1"-5" (3-15 cm) from the employee's forehead and aimed between their eyebrows, depending on the make/model of the thermometer.
 - The time to read temperature varies from instantaneous to 20 seconds, depending on make/model.

- Single-use test strips require two people per testing station to be time effective.
 - Wait 15 minutes before testing if the employee has been eating, drinking, smoking, or exposed to extremely hot or cold weather.
 - Test strips are to be passed out by one individual to the employees as they enter the line for the testing station.
 - The employee to be tested removes the test strip from the sterile wrapper and places the strip under their tongue. The strip is to be placed as far back into the heat pockets located on either side of the tongue. Signage demonstrating proper placement of the test strip is recommended.
 - The strip is to be removed after 60 seconds and allowed a further 10 seconds to stabilize before the temperature is read.
 - The second individual working the test station shall visibly examine the test strip without physically contacting it.
 - The strip is disposed of in a trash receptacle by the employee being tested once the temperature has been verified.

- Elevated Temperature Reading
 - Employees with a temperature measured above 100°F or 38°C are to be isolated from coworkers in a designated location.
 - A second reading shall be performed to confirm the results of the first reading.
 - If the second reading is below 100°F or 38°C:
 - Wait for a period of 10 minutes and conduct a third test.
 - If either the second or third reading is confirmed to be elevated:
 - The will not be allowed to return to work until they are free of fever (below 100°F or 38°C without the use of fever reducing medication) and other symptoms commonly associated with COVID-19, for 24 hours and have obtained medical clearance from a medical provider or have been free of fever and other symptoms commonly associated with COVID-19 for 14 days. If an employee is confirmed not to be infected by COVID-19, the employee can return to work with clearance from a medical provider.



Attachment "A"
Entry Area Example



Red Zone is the public/uncontrolled area before entering the screening area. **Yellow Zone** is the screening area. **Green Zone** is the area where the entrants who passed screening may enter.



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Revision No.	Date	Change
1	04/06/2020	• Revisions made to passive screening questions