

Attachment E

Post-Test Questionnaire

The following questions will ask your attitudes towards your perceived safety of demolition robots after participating in the study. Please indicate to what extent you agree or disagree with each of the following statements on a five-point scale:

1. I think demolition robots are safe machines to operate.

(I strongly disagree) 1-----2-----3-----4-----5 (I strongly agree)

2. I could get injured while operating a demolition robot.

(I strongly disagree) 1-----2-----3-----4-----5 (I strongly agree)

3. I would feel relaxed while operating a demolition robot.

(I strongly disagree) 1-----2-----3-----4-----5 (I strongly agree)

4. I would feel uneasy if I was given a job where I had to work alongside a demolition robot.

(I strongly disagree) 1-----2-----3-----4-----5 (I strongly agree)

5. I believe the demolition robot will always move in the direction I intend.

(I strongly disagree) 1-----2-----3-----4-----5 (I strongly agree)

6. I believe the demolition robot will only move to my command.

(I strongly disagree) 1-----2-----3-----4-----5 (I strongly agree)

7. I would feel nervous operating a robot in front of other people.

(I strongly disagree) 1-----2-----3-----4-----5 (I strongly agree)

8. What actions do you think will help reduce incidents while operating demolition robots? Please rank from 1 to 5 each of the following options:

☐

Staying out of the robot's reach

☐

Anticipate robot motion

☐

Staying alert of the surroundings

☐

Standing away from the outriggers

☐

Conducting daily checkups of the hydraulic hoses

realistic were the virtual scenarios?

9. How
w

(Not realistic at all) 1-----2-----3-----4-----5 (Very realistic)