APPENDIX I

Interview Schedule cum Observation Sheet

Code no
Date

Dear Respondent,

I am pursuing Ph.D. in Department of Family & Community Resource Management, Faculty of Family & Community Sciences, The M.S. University of Baroda, Vadodara. The title of my dissertation is "Musculoskeletal pain and Postural Discomfort of Marble Cutters". I would be highly obliged if you could extend your co-operation by filling the The researcher ensures that the responses given by you will be kept totally.

Yours' faithfully

Vashima Veerkumar Ph.D. Student

Demographic data of the workers

Status of Very	Good	Fair	Poor	Very
3. Ambidextro8. Perceived health status of the				
2. Left Handed.				
7. Are you 1. Right Handed				
6. Family annual income in Rs				
5. Monthly income of the worker in	Rs			
organization				
Experience in present				
years)				
Total service(in				
head				
institution/organization Designation/post				••
Name of the				
4. Employment status of the wor	kers: -			
•				
Graduate				
High school and intermediate				
Middle education				
Primary education				
Functional literate				
Illiterate				
3. Educational Qualification				
2.7.90				
2. Age:				
1. Name of the respondent:				

Status of	Very	Good	Fair	Poor	Very
health	good	Good	Fall	Pool	poor
Before work					
During work					
After work					

Appendix	f	. '
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Anthropometric data of the workers and workstation dimension of the workstation

9. Anthropometric data of the respondents

Data	Measurements
Height (inches)	
Arm span (inches)	
Standing Shoulder Height (inches)	
Standing Elbow height (inches)	
Standing Upper arm length (inches)	
Standing Forearm length (inches)	
Standing Eye height (inches)	
Reaches	
Vertical Maximum Reach (inches)	
Vertical Minimum Reach (inches)	
Horizontal Maximum Reach (inches)	
Horizontal Minimum Reach (inches)	

10. Dimensions of the Workstation

Dimensions of the Workstation (in inches)				
Height from the floor to the horizontal plane for keeping marble				
Height from the floor to the pulley				
Width of the Workstation				
Length of the Workstation				

Data on the Working environment of the workers

11. Type of Environment

11.1. Measurement of Light and Noise

	Light (lux)				Noise (db)			
	1 st Reading	2 nd Reading	3 rd Reading	Average	1 st Reading	2 nd Reading	3 rd Reading	Average
Measurement								

11.1 Analysis of illumination through visual Comfort and Preference Cards

Comfort Car	rds		Preference Cards				
Weightage	Description	Response	Weightage	Description	Response		
1	Much too light		1	I wish it had less light in here			
2	Too much light		2	I like it just as it is.			
3	Comfortable light		3	I wish it had more light			
4	Just comfortable light						
5	Slightly dark						
6	Too dark						
7	Much too dark						

11.2. Measurement of Humidity and Temperature

	Humidity (%)				Temperature (°C)			
	1 st Reading	2 nd Reading	3 rd Reading	Average	1 st Reading	2 nd Reading	3 rd Reading	Average
Measurement								

11.3. Measurement of Vibration

		Vibration				
	1 st Reading	2 nd Reading	3 rd Reading	Average		
At the Pulley						
Slab near Marble Cutter						
Slab away from the Marble Cutter						
On the Wooden bar on the Machine						
On the Floor						

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12. Assessment of the working environment (PMA Ergonomics Checklist, ISO 9001:2000)

S.no		Yes	No
1.	Were you trained for managing		
	a. Posture		
	b. Repetition of work		
	c. Stress		
	d. Vibration		
2.	Were you provided any training concerning to perform jobs		
	decrease injuries?		
3.	Were you provided any training concerning to the use of tools to		
	decrease injuries?		
6.	Are you provided with the rest breaks, in addition to the regular		
	rest break to relieve stress from repetitive motion task?		
7.	Do you wear gloves while working?		
	Do you wear anything for protection of hands		
8.	Do you wear any of the following while working on the machinery		
	to avoid the noise produced by the machines?		
	a) Ear plugs		
	b) Cotton		
	c) Cloth wrapped around ears		
	d) Cap		

Data on perceived musculoskeletal pain experienced by the workers

13. Kindly mention the pain experienced in various parts of the body

			ort or pain ienced
S.no	Pain experienced in various parts of the body		Since 12 months Yes No
Α.	NECK	Yes No	1.00 1.0
1.	Do you experience pain while moving your neck a. Upwards b. Down c. Right side		
	d. Left side		
	e. Rotating clockwise f. Rotating Anticlockwise g. While Resting		
2.	Does the pain in the neck hinder in continuing your daily activity?		
B.	SHOULDER		
3.	Do you have pain in your shoulder while lifting marble slab?		
	Overhead		
	a. Right side		
	b. Left side		
	Chest level		
	a. Right side		
	b. Left side		
	Below chest		
	a. Right side		
	b. Left side		
	While keeping the marble slab		
	a. Right side		
	b. Left side		
	While carrying the marble slab		
	a. Right side b. Left side		
4.	b. Left side Do you have pain in your shoulder while lifting your hand? If yes, then in which side		
	a. Right shoulder		
	b. Left shoulder		
5.	Do you experience pain in your shoulder while resting		
	a. Right side		
	b. Left side		
6.	Do you experience any pain while rotating your shoulder clockwise		
	a. Right Side		
7.	b. Left Side Do you feel pain while rotating your shoulder anticlockwise		

Appendix	

	a. Right Side		
	b. Left Side		
8.	Does the pain hinder in continuing the daily activities?		
С	ELBOW		
9.	Do you feel any pain while lifting the marble slab?		
	Overhead		
	a. Right side		
	b. Left side		
	Chest level		
	a. Right side		
	b. Left side		
	Below chest		
	a. Right side		
	b. Left side		
	While keeping the marble slab		
	a. Right side		
	b. Left side		
	While carrying the marble slab		
	a. Right side		
	b. Left side		
10.	Do you feel any pain while tightening the screw		
	a. Right Side		
	b. Left Side		
11.	Do you feel any pain while at rest		
	a. Right Side		
	b. Left Side		
12.	Does the pain hinder in continuing your daily		
	activity?		
D 13.	WRIST		
13.	Do you experience any pain in wrist while lifting the marble slab?		
	Overhead		
	a. Right side		
	b. Left side		
	Chest level		
	a. Right side		
	b. Left side		
	Below chest		
	a. Right side		
	b. Left side		
	While keeping the marble slab		
	a. Right side		
	b. Left side		
	While carrying the marble slab		
	a. Right side	 	
4.4	b. Left side	 	
14.	Is there any pain in your wrist while moving it	 	
	a. Upward	\vdash	
	Right Side Laft Cita	\vdash	
	Left Side		

Right Side Left Side C. Clockwise Right Side Left Side C. Anti clockwise Right Side Left Side L		b. Downward			
c. Clockwise • Right Side • Left Side d. Anti clockwise • Left Side 15. Do you experience pain in the wrist while resting? a. Right side b. Left side 16. Does the pain hinder in continuing the daily activity? E ARMS 17. Do you have any pain in your left forearm a. While lifting the marble slab • Chest level • Below chest • While resting c. While righten gas screw 18. Do you experience any pain in your right forearm while lifting the marble slab on a surface • While keeping the marble slab b. While resting c. While lifting any object • Chest level • Below chest • While keeping the marble slab on a surface a. While lifting any object • Overhead • Chest level • Below chest • While resting c. While lifting any object • Overhead • Chest level • Below chest • While resting a. While lifting any object • Overhead • Chest level • Below chest • While resting c. While resting c. While it ghrening a screw 19. Do you have any pain in your left upper arm a. While lifting the marble slab b. While resting c. While itightening a screw 19. Do you experience any pain in your left upper arm a. While lifting the marble slab b. While resting c. While lifting the marble slab b. While resting 10. Do you experience any pain in your right upper arm while lifting the marble slab b. While resting 20. Do you experience any pain in your daily activities? F PALM 22. Do you feel any pain while gripping something? a. Right hand fingers b. Left hand fingers b. Left hand fingers					
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Left Side d. Anti clockwise					
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a. While lifting the marble slab b. While resting 20. Do you experience any pain in your right upper arm while lifting any object? a. While lifting the marble slab b. While resting 21. Does the pain hinder in continuing your daily activities? F PALM 22. Do you feel any pain while gripping something? a. Right hand fingers b. Left hand fingers	10				
b. While resting 20. Do you experience any pain in your right upper arm while lifting any object? a. While lifting the marble slab b. While resting 21. Does the pain hinder in continuing your daily activities? F PALM 22. Do you feel any pain while gripping something? a. Right hand fingers b. Left hand fingers	10.				
20. Do you experience any pain in your right upper arm while lifting any object? a. While lifting the marble slab b. While resting 21. Does the pain hinder in continuing your daily activities? F PALM 22. Do you feel any pain while gripping something? a. Right hand fingers b. Left hand fingers					
arm while lifting any object? a. While lifting the marble slab b. While resting 21. Does the pain hinder in continuing your daily activities? F PALM 22. Do you feel any pain while gripping something? a. Right hand fingers b. Left hand fingers	20				
a. While lifting the marble slab b. While resting 21. Does the pain hinder in continuing your daily activities? F PALM 22. Do you feel any pain while gripping something? a. Right hand fingers b. Left hand fingers	20.		ı		
b. While resting 21. Does the pain hinder in continuing your daily activities? F PALM 22. Do you feel any pain while gripping something? a. Right hand fingers b. Left hand fingers					
21. Does the pain hinder in continuing your daily activities? F PALM 22. Do you feel any pain while gripping something? a. Right hand fingers b. Left hand fingers					
F PALM 22. Do you feel any pain while gripping something? a. Right hand fingers b. Left hand fingers	21.	Does the pain hinder in continuing your daily			
22. Do you feel any pain while gripping something? a. Right hand fingers b. Left hand fingers	F			_	
a. Right hand fingers b. Left hand fingers					
b. Left hand fingers	۷۷.				
75 LUO VOLLTAAL ANV NAIN WINIA OLAGONINO / I I I I I I I I I I I I I I I I I I	23.	Do you feel any pain while grasping?			
a. Right hand fingers	۷٥.		+		

	h Loft hand fingers		
0.4	b. Left hand fingers		
24.	Does the pain hinder in continuing your daily		
	activity?		
25.	Do you experience pain in your palm while		
	resting	 	
E	BACK		
26.	Have you experienced any pain in upper back		
	a. While bending down		
	b. While lifting the marble slab		
	 Overhead 		
	Chest level		
	Below chest		
	While keeping the marble slab on		
	a surface		
	While carrying the marble slab		
	c. While resting		
27.	Have you experienced any pain in upper back		
21.	a. While bending down		
	b. While lifting the marble slab		
	Overhead		
	Chest level		
	Below chest		
	 While keeping the marble slab on 		
	a surface		
	 While carrying the marble slab 		
	c. While resting		
28.	Have you experienced any pain in lower back?		
	a. While bending down		
	b. While lifting the marble slab		
	Overhead		
	Chest level		
	Below chest		
	While keeping the weight on a		
	surface		
	While carrying the weight		
20	c. While resting		
29.	Does the pain hinder in continuing your daily		
	activities?		
00	HIP		
30.	Do you feel any pain in the hip while sitting on a		
	chair? If yes, then which side		
	a. Right side		
	b. Left side		
31.	Do you feel any pain while in squatting position?		
	If yes then which side		
	a. Right side		
	b. Left side		
32.	Do you feel any pain while walking? If yes, then		
	which side?		
	a. Right side		
	b. Left side		

33.	Do you feel any pain while standing still? If yes then which side?		
	a. Right side		
	b. Left side		
34.	Do you feel any pain while standing to sitting? If		
	yes then which side?		
	a. Right side		
	b. Left side		
35.	Do you feel any pain while sitting to standing? If		
	yes then which side?		
	a. Right side		
	b. Left side		
G	KNEES		
36.	Do you experience any pain in your knees while		
	sitting on a chair? If yes, kindly mention the side		
	a. Right side		
	b. Left side		
37.	Do you experience any pain in your knees while		
	sitting on the floor/ mattress / cross-legged? If		
	yes, mention the side		
	a. Right knee		
	b. Left knee		
38.	Do you experience pain in your knee while		
	walking? If yes, which side		
	a. Right Knee		
	b. Left Knee		
39.	Do you experience pain in your knee while		
	running? If yes, which side		
	a. Right side		
	b. Left side		
40.	Do you have pain in your knees while sitting in		
	squatting position? If yes, then		
	a. Right Knee		
44	b. Left Knee		
41.	Do you have pain in your knees while lifting the		
	marble slab? If yes, then		
	Overhead		
	a. Right side		
	b. Left side		
	Chest level		
	a. Right side		
	b. Left side		
	Below chest		
	a. Right side		
	b. Left side		
	While keeping the marble slab on a		
	surface		
	a. Right side		
	b. Left side		
	 While carrying the marble slab 		
	a. Right side		
	b. Left side		
42.	Do you feel any pain while standing still?		

	a. Right knee		
	b. Left Knee		
43.	Do you feel any pain while standing to sitting? If		
40.	yes then which side?		
	a. Right side		
	b. Left side		
44.	Do you feel any pain while sitting to standing? If		
	ves then which side?		
	a. Right side		
	b. Left side		
45.	Do you have pain in your knees while resting? If		
	yes, then		
	a. Right Knee		
	b. Left Knee		
46.	Does the pain in the knee hinder with the daily		
	work?		
Н	THIGH & LEG		
47.	Do you experience any pain in your thigh while		
	sitting on a chair? If yes, kindly mention the side		
	a. Right side		
40	b. Left side		
48.	Do you experience any pain in your thigh while		
	sitting on the floor/ mattress / cross-legged? If yes, mention the side		
	a. Right side b. Left side		
	Do you experience pain in your thigh while		
49.	walking? If yes, which side		
	a. Right side		
	b. Left side		
50.	Do you experience pain in your thigh while		
	running? If yes, which side		
	a. Right side		
	b. Left side		
51.	Do you have pain in your thigh while sitting in		
	squatting position? If yes, then		
	a. Right side		
	b. Left side		
52.	Do you have pain in your thigh while lifting the		
	marble slab?		
	Overhead		
	a. Right side		
	b. Left side		
	Chest level		
	a. Right side		
	b. Left side		
	Below chest		
	a. Right side		
	b. Left side		
	While keeping the marble slab on a		
	surface		
	a. Right side		
		 	·

	b. Left side		
	While carrying the marble slab		
	a. Right side b. Left side		
F2			
53.	Do you feel any pain in thigh while standing still?		
	a. Right side		
	b. Left side		
54.	Do you feel any pain while standing to sitting? If		
	yes then which side?		
	a. Right side		
	b. Left side		
55.	Do you feel any pain while sitting to standing? If		
	yes then which side?		
	a. Right side		
	b. Left side		
56.	Do you have pain in your thigh while resting? If		
	yes, then		
	a. Right side		
	b. Left side		
57.	Does the pain in the thigh hinder with the daily		
	work?		
	a. Right side		
	b. Left side		
58.	Do you experience pain in your leg while		
00.	walking? If yes, then		
	a. Right side		
	b. Left side		
59.	Do you experience pain in your leg while		
39.			
	running? If yes, then		
	a. Right side		_
60	b. Left side		
60.	Have you experienced pain in your leg while		
	sitting in a squatting position? If yes, then		
	a. Right side		
	b. Left side		
61.	Do you experience pain in your leg while lifting		
	the marble slab? If yes, then mention		
	Overhead		
	a. Right side		
	b. Left side		
	Chest level		
	a. Right side		
	b. Left side		
	Below chest		
	a. Right side		
	b. Left side		
	While keeping the marble slab on a		
	surface		
	a. Right side		
	b. Left side		
	While carrying the marble slab		
	a. Right side		
	b. Left side		

62.	Do you experience pain in the leg while resting?		
	a. Right Side		
	b. Left side		
63.	Do you experience pain in the leg while standing		
	still?		
	a. Right side		
	b. Left side		
64.	Do you feel any pain while standing to sitting? If		
•	yes then which side?		
	a. Right side		
	b. Left side		
65.	Do you feel any pain while sitting to standing? If		
	ves then which side?		
	a. Right side		
	b. Left side		
66.	Does the pain in the leg affect your daily		
	activities?		
	douvilloo		
l	FEET	$\overline{}$	
67.	Do you experience any pain in your feet while		
	walking? If yes		
	a. Right side		
	b. Left side		
68.	Have you experienced pain in your feet while		
	sitting in a squatting position? If yes, then		
	a. Right side		
	b. Left side		
69.	Do you experience pain in your feet while		
	running? If yes, then		
	a. Right side		
	b. Left side		
70.	Do you experience pain in your feet while lifting		
	the marble slab? If yes, then mention		
	Overhead		
	a. Right side		
	b. Left side		
	Chest level		
	a. Right side		
	b. Left side		
	Below chest		
	a. Right side		
	b. Left side		
	 While keeping the marble slab on a 		
	surface		
	a. Right side		
	b. Left side		
	While carrying the marble slab		
	a. Right side		
	b. Left side		
71.	Do you experience pain in the feet while resting?		
	a. Right Side		
	b. Left side		 \perp
72.	Do you experience pain while standing still?		

	a. Right side		
	b. Left side		
73.	Do you feel any pain while standing to sitting? If		
	yes then which side?		
	a. Right side		
	b. Left side		
74.	Do you feel any pain while sitting to standing? If		
	yes then which side?		
	a. Right side		
	b. Left side		
75.	Does the pain in the feet affect your daily		
	activities?		
J	ANKLES		
76.	Do you experience any pain in your ankle while		
	walking? If yes		
	a. Right side		
	ag		
	b. Left side		
77.	Have you experienced pain in your ankle while		
	sitting in a squatting position? If yes, then		
	a. Right side		
	b. Left side		
78.	Do you experience pain in your ankle while		
	running? If yes, then		
	a. Right side		
	b. Left side		
79.	Do you experience pain in your ankle while lifting		
	the marble slab? If yes, then mention		
	Overhead		
	a. Right side		
	b. Left side		
	Chest level		
		- - -	
	a. Right side		
	b. Left side		
	Below chest		
	a. Right side	 	
	b. Left side		
	While keeping the marble slab on a		
	surface		
	a. Right side		
	b. Left side		
	 While carrying the marble slab 		
	a. Right side		
	b. Left side		
80.	Do you experience pain in the ankle while		
	resting?		
	a. Right side		
	b. Left side		
	Do you experience pain while standing still?		
81.			
81.			
81.	a. Right side		
81.			

	c. Right side		
	d. Left side		
83.	Do you feel any pain while sitting to standing? If yes then which side?		
	c. Right side		
	d. Left side		
84.	Does the pain in the ankle affect your daily activities?		

Data on physiological cost of work and perceived fatigue of the respondents

14. Physiological cost of work

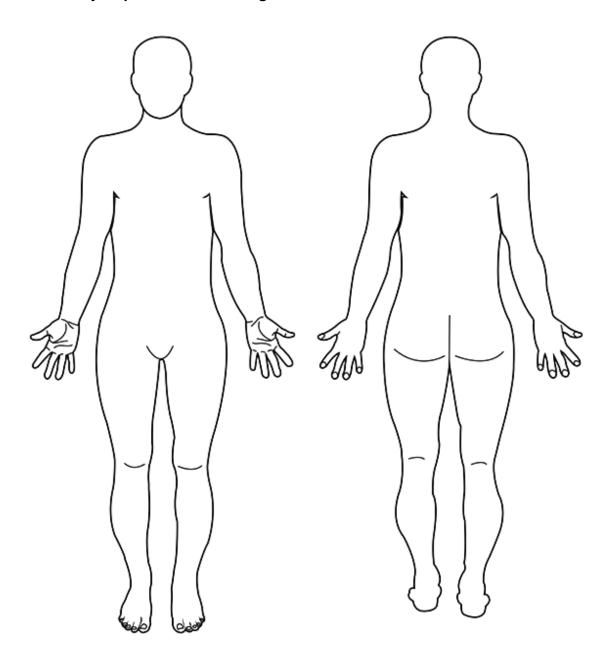
Working Heart Rate							
1 st Reading	1 2 J Average						

Section 7

15. Please circle or mark one number per line to indicate your response as it applies to the past 7 days.

C.	1	Not of all	A little	Compulat	Ouito	Vom
Sr. No	Statements	Not at all		Somewhat	Quite a	Very
	I foot fotions of	(0)	bit (1)	(2)	bit (3)	much (4)
1	I feel fatigued					
2	I feel weak all over					
3	I feel listless (washed					
	out)					
4	I feel tired					
5	I have trouble starting					
	things because I am					
	tired					
6	I have trouble finishing					
	things because I am					
	tired					
7	I have energy					
8	I am able to do my					
	usual activities					
9	I need to sleep during					
	the day					
10	I am too tired to eat					
11	I need help doing my					
	usual activities					
12	I am frustrated by					
	being too tired to do					
	the things I want to do					
13	I have to limit my					
	social activity because					
	I am tired					

Body Map used for collecting data on Perceived Musculoskeletal Pain



APPENDIX II

Feedback regarding Intervention Programme

S.No.	Statements	Yes	No
1.	Did the posture guidelines help you?		
2.	Did you feel any difference by adopting the posture 2. guidelines?		
3.	Did you feel less tired by following the posture guidelines?		
4.	Did you experience any change by taking rest breaks?		
5.	Were you comfortable using the Ear plugs?		
6.	Was there any reduction in noise while working?		
7.	Did the ear plugs hinder in communication?		
8.	Are you going to use the ear plug regularly?		
9.	Were you comfortable using gloves?		
10.	Did the gloves reduce the vibration sensation?		
11.	Did the gloves help in reducing the wrinkles caused by the water?		
12.	Will you wear the gloves in the future?		
13.	Did the protective boots aid in walking with weight properly?		
14.	Did the boots prevent skin lesions and dryness of feet?		
15.	What was the difference you experienced by following the guidelines?		

इंटरवेंशन कार्यक्रम के बारे में प्रतिपुष्टि

श्रेणी	विवरण	हाँ	ना
1.	क्या वज़न उठाने के हेतु दिए गए दिशानिर्देश से आपको सहायता हुई		
2.	वज़न उठाने के हेतु दिए गए दिशानिर्देश से आपको वज़न उठाने में कोई फ़		
	र्क़ महसूस हुआ		
3.	क्या दिए गए दिशानिर्देश के आपकी थकान कम हुई		
4.	क्या नियमित समय पर आराम करने से आपको कोई फ़र्क़ महसूस होता है		
5.	क्या आप आसानी से ईरप्लग्ज़ का इस्तेमाल कर पाये		
6.	ईरप्लग्ज़ के इस्तेमाल से क्या आपको आवाज़ में कमी लगी?		
7.	ईरप्लग्ज़ के कारण क्या बातचीत में कोई बाधा आयी		
8.	क्या आप नियमित तौर पर ईरप्लग्ज़ का इस्तेमाल करेंगे		
9.	क्या आप आसानी से सेफ़्टी ग्लब्ज़ (दस्ताने) का इस्तेमाल कर पाये		
10.	क्या सेफ़्टी ग्लव्ज़ के इस्तेमाल से हाथों में आने वाली कंपन कम हुई		
11.	क्या सेफ़्टी ग्लव्ज़ के इस्तेमाल से पानी द्वारा आने वाली झुर्रियाँ कम हुई		
12.	क्या आप भविष्य में सेफ़्टी ग्लब्ज़ का इस्तेमाल करेंगे		
13.	क्या सेफ़्टी शूज़ से वजन उठा कर चलने में कोई सहायता हुई		
14.	क्या सेफ़्टी शूँज़ के चमड़ी के घाव और सूखेपन से बचा सके		
15.	इन दिशानिर्देशों को पालन करने से हुए आपके काम में अंतर का वर्णन दें		

APPENDIX II

Feedback regarding Intervention Programme

S.No.	Statements	Yes	No
1.	Did the posture guidelines help you?		
2.	Did you feel any difference by adopting the posture 2. guidelines?		
3.	Did you feel less tired by following the posture guidelines?		
4.	Did you experience any change by taking rest breaks?		
5.	Were you comfortable using the Ear plugs?		
6.	Was there any reduction in noise while working?		
7.	Did the ear plugs hinder in communication?		
8.	Are you going to use the ear plug regularly?		
9.	Were you comfortable using gloves?		
10.	Did the gloves reduce the vibration sensation?		
11.	Did the gloves help in reducing the wrinkles caused by the water?		
12.	Will you wear the gloves in the future?		
13.	Did the protective boots aid in walking with weight properly?		
14.	Did the boots prevent skin lesions and dryness of feet?		
15.	What was the difference you experienced by following the guidelines?		

इंटरवेंशन कार्यक्रम के बारे में प्रतिपुष्टि

श्रेणी	विवरण	हाँ	ना
1.	क्या वज़न उठाने के हेतु दिए गए दिशानिर्देश से आपको सहायता हुई		
2.	वज़न उठाने के हेतु दिए गए दिशानिर्देश से आपको वज़न उठाने में कोई फ़		
	र्क़ महसूस हुआ		
3.	क्या दिए गए दिशानिर्देश के आपकी थकान कम हुई		
4.	क्या नियमित समय पर आराम करने से आपको कोई फ़र्क़ महसूस होता है		
5.	क्या आप आसानी से ईरप्लग्ज़ का इस्तेमाल कर पाये		
6.	ईरप्लग्ज़ के इस्तेमाल से क्या आपको आवाज़ में कमी लगी?		
7.	ईरप्लग्ज़ के कारण क्या बातचीत में कोई बाधा आयी		
8.	क्या आप नियमित तौर पर ईरप्लग्ज़ का इस्तेमाल करेंगे		
9.	क्या आप आसानी से सेफ़्टी ग्लब्ज़ (दस्ताने) का इस्तेमाल कर पाये		
10.	क्या सेफ़्टी ग्लव्ज़ के इस्तेमाल से हाथों में आने वाली कंपन कम हुई		
11.	क्या सेफ़्टी ग्लव्ज़ के इस्तेमाल से पानी द्वारा आने वाली झुर्रियाँ कम हुई		
12.	क्या आप भविष्य में सेफ़्टी ग्लब्ज़ का इस्तेमाल करेंगे		
13.	क्या सेफ़्टी शूज़ से वजन उठा कर चलने में कोई सहायता हुई		
14.	क्या सेफ़्टी शूँज़ के चमड़ी के घाव और सूखेपन से बचा सके		
15.	इन दिशानिर्देशों को पालन करने से हुए आपके काम में अंतर का वर्णन दें		

APPENDIX III

Vendors List

	Safety Shoes						
Sr. No.	Distributor	Address	Contact details	Price			
Seller 1	Mahaveer Canvas Store	Madar Gate Ajmer Rajasthan	9799332039	500 – 1200 Rs / pair			
				750 Rs			
Seller 2	Safety First, Safety Industries D S Enterprises Safety Products ppes, Rubber sheet & Electrical insulating distributer in rajasthan	Shop 6-7, Seven Khandela House, Sansar Chandra Road, Opposite Hotel Royal Palace, Jaipur - 302001, Rajasthan	94140 71547	10 Rs / piece			
Seller 3	Amazon.com, Inc. Tool Zone 14" Gum Boot with Yellow PVC Sole (1 Pair) Black	https://www.amazon.in/Tool-Zone-Boot-Yellow-Sole/dp/B07TBFSB1J/ref=sr_1_7?dchild=1&key words=protective+boots&qid=1603521794&sr=8-7		385 / piece			
Seller 4	Amazon.com, Inc. Hillson SB-005 Torpedo Safety Shoes	https://www.amazon.in/Hillson-SB-005-Torpedo-Safety-Shoes/dp/B01LVWUVJO/ref=sr_1_10?dchild=1&keywords=protective+boots&qid=1603521794&sr=8-10					

Appendix

Earplugs						
Sr. No.	Distributor	Address	Contact details	Price		
Seller 1	Safety First, Safety Industries D S Enterprises Safety Products ppes, Rubber sheet & Electrical insulating distributer in rajasthan	Shop 6-7, Seven Khandela House, Sansar Chandra Road, Opposite Hotel Royal Palace, Jaipur - 302001, Rajasthan	94140 71547	10 Rs / piece		
Seller 2	Amazon.com, Inc. NAT Products Reusable Soft Silicone Noise Reduction Corded Ear Plugs for Sleeping, Meditation, Swimming, (Orange) (20)	https://www.amazon.in/NAT-Products-Reusable-Reduction-Meditation/dp/B08L3QVBZ1/ref=sr_1_1?dchild=1 &keywords=NAT+Products+Reusable+Soft+Silic one+Noise+Reduction+Corded+Ear+Plugs+for+Sleeping%2C+Meditation%2C+Swimming%2C+%28Orange%29+%2820%29&qid=1603522865&sr=8-1		900 rs for 20 pieces		
Seller 3	India Mart	https://www.indiamart.com/proddetail/safety-ear-plug-15733123648.html				

	Gloves						
Sr. No.	Distributor	Address	Contact details	Price			
Seller 1	Safety First, Safety Industries D S Enterprises Safety Products ppes, Rubber sheet & Electrical insulating distributer in rajasthan	Shop 6-7, Seven Khandela House, Sansar Chandra Road, Opposite Hotel Royal Palace, Jaipur - 302001, Rajasthan	94140 71547	155 Rs / piece			

Appendix IV

Permission Letter for conducting the Intervention Programme

Vashima Veerkumar Ph.D. Student Dept. of FCRM, FFCS MSU, Baroda Dt. 6.11.2020

To,

Mr. Shaleen Kothari Priya Marble Industries, Kishangarh, Ajmer District, Rajasthan

Subject: Request to carry out intervention on Marble industry workers at Priya Marble Industry.

Respected Sir,

I am immensely grateful to you for allowing me collect anthropometric and subjective data on the Marble industry workers at your site for the purpose of my PhD dissertation titled "Musculoskeletal Pain and Postural Discomfort experienced by the Marble cutting workers in the Marble Industry". As a part of the follow up, I request you to further allow me carry out an intervention study, i.e. Training on safety guidelines for heavy weightlifting, safety shoes, safety gloves and earplugs. Further, subjective data will be collected from them through one on one interview 7 days after following the safety guidelines.

Permitted S. Kottosi

Thanking you.

Yours Sincerely

Vashima Veerkumar

Appendix V

Thank you letter from the Marble Industry

Shaleen Kothari Priya Marble Industry Kishangarh, Rajasthan

TO WHOMSOEVER IT MAY CONCERN

We at Priya Marble industry, extend our gratitude to Ms. Vashima Veerkumar for her sincere efforts in training our workers in safety guidelines on weight lifting and safety equipment at work. These measures will not only ensure risk free environment and benefit the workers but also enhance their output in the long term. Best wishes for all her future endeavors.

Regards,

Shaleen Kothari