

**Attachment L-2:
MSD Intervention Study Design**

	Oct. 2011					Oct. 2012					Oct. 2013				Oct. 2014
	0	3	6	9		12	15	18	21		24	27	30	33	36
	Base -line A					Base -line B									
Group A (R) 36 est. 384 emp.	OI-1	X	OI-2	OI-3	OI-4	OI-5		OI-6	OI-7	OI-8	OI-9	OI-10	OI-11	OI-12	OI-13
Group B (R) 36 est. 384 emp.	OI-1		OI-2	OI-3	OI-4	OI-5	X	OI-6	OI-7	OI-8	OI-9	OI-10	OI-11	OI-12	OI-13

Notes: “O” denotes data collection, and “X” denotes intervention, PHT-TLG. OI = MSD Symptoms, Exertion (Individual employee level).

- The self-reported general work environment and health survey (**Attachment H-4**) will be collected at the start of the study and once every year for 2 years.
- The self-reported low back pain (**Attachment H-1**), self-reported shoulder/ arm pain (**Attachment H-2**), and self-reported specific job tasks and safety incidents (**Attachment H-3**) surveys will be collected at the start of the study and every 3 months for 2 years.
- Low Back Functional Assessment (**Attachment I**) will be completed by 20% of participating employees at the start of the study and once every year for 2 years.

Target # of Establishments to recruit from each size category	Establishment Size Category for Total Employees	Mean Total Employees per Site	Mean Impacted Employees per Site	Average # PHT-TLG per site	Total #PHT-TLGs	Total Impacted Employees
24	<20	10	2	1	24	48
24	20-99	50	10	3	72	240
24	100+	100*	20	5	120	480
				Totals	216	768+

*Most companies will be near the lower end of the strata
+ 960 subjects are expected with replacements