

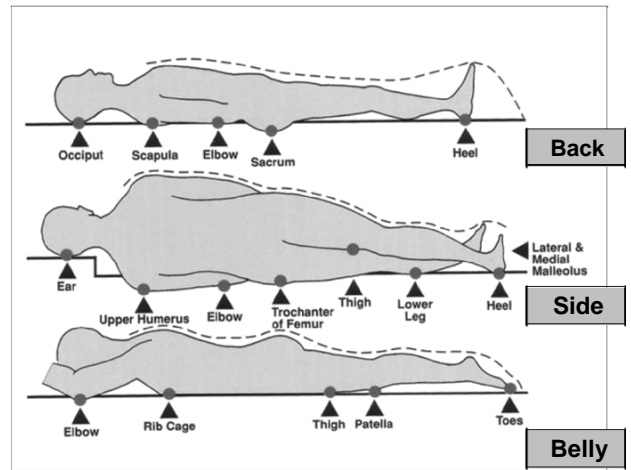
REQUEST SHEET - PRESSURE MAPPING

Project name:	Invacare Ace / Pro	Applicant name:	Jordan Huang
Project code:	M052	Applicant dept:	PM
Customer name:		Date requested:	
Product name 1:	Invacare Pro	SHL Resp.:	Peter Svensson
Product name 2:		Date reviewed:	

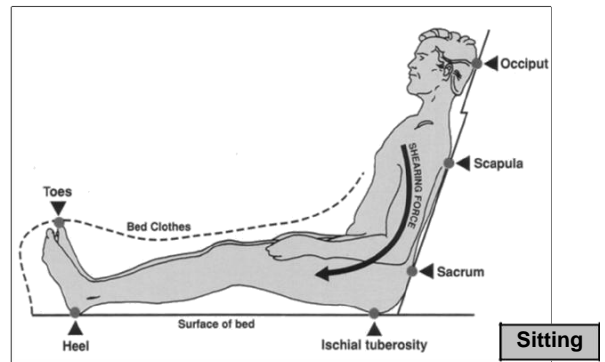
Tests requested	Interface pressure
	Internal pressure

Results requested	FSA Mapping	<input checked="" type="checkbox"/>
	Pressure curves	<input checked="" type="checkbox"/>
Report requested	Sales report	<input type="checkbox"/>
	Technical report	<input type="checkbox"/>
	Others	<input type="checkbox"/>

Monitor points	Back	Side	Belly	Sitting
Occiput	X			
Scapula	X			
Elbow	X			
Sacrum	X			
Heel	X			
Ear				
Upper Humerus				
Trochanter of femur				
Thigh				
Lower leg				
Rib cage				
Patella				
Ischial tuberosity				
Toes				



Test parameters	Gender	Weight	Height	BMI
Test Person 1	Dummy	75kg	170-175	NA
Test Person 2				
Requirement Test Pressure				
used pressure		53mmHg	43mmHg	33mmHg
		23mmHg	13mmHg	X
Other special pressure				



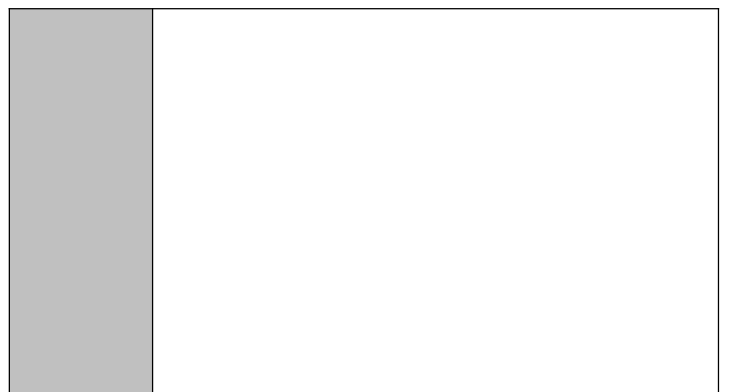
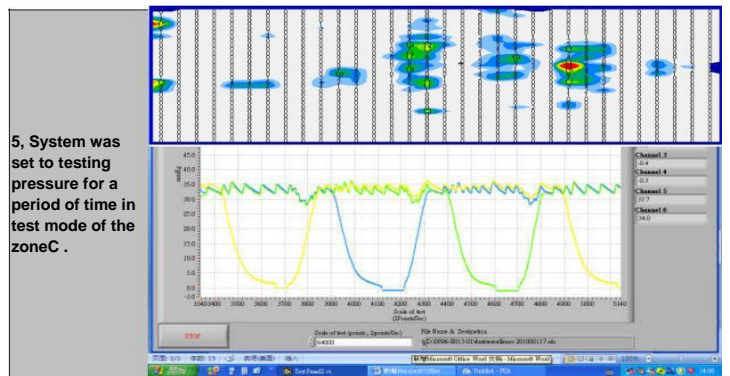
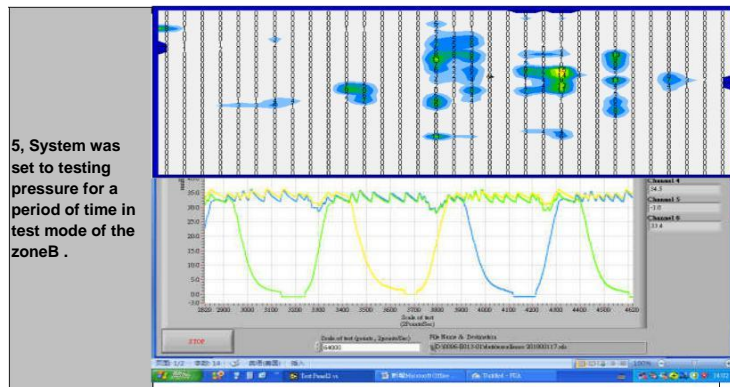
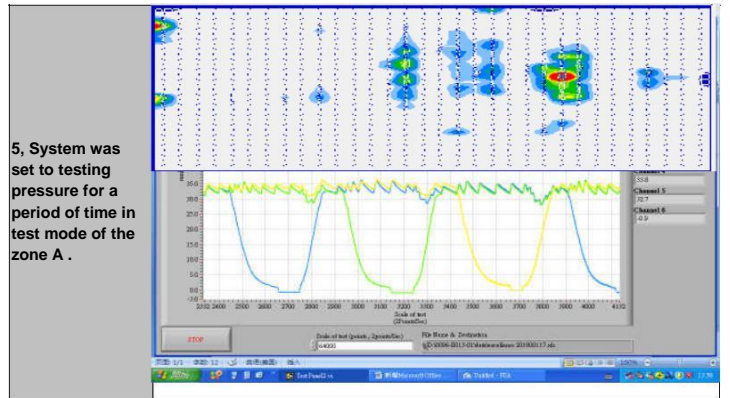
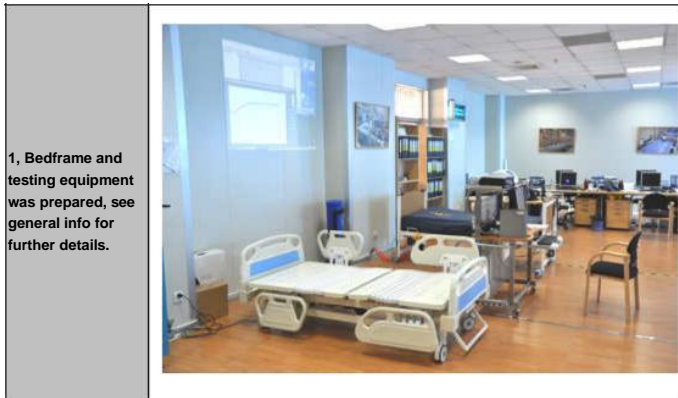
Comments/purpose with test

Applicant Signature:		SHL Signature:	
Date:		Date:	

GENERAL INFORMATION - PRESSURE MAPPING

Purpose of test		
Mattress system 1	Name:	Invacare Pro
	Description:	
	Specification:	
Mattress system 2	Name:	
	Description:	
	Specification:	
Mattress system 3	Name:	
	Description:	
	Specification:	
Test person 1	Gender:	Dummy
	Weight [kg]:	75
	Height [cm]:	170-175
	BMI:	NA
Test person 2	Gender:	
	Weight [kg]:	
	Height [m]:	
	BMI:	
Bed frame	Name:	LAB Sample 1
	Description:	Typical community bed, steel mesh bottom.
	Specification:	2000 x 900 mm
Test equipment 1	Name:	FSA pressure sensor mat
	Description:	Calibrated to 0-100 mmHg, 10Hz
	Serial number:	Ut3010-7032
	Last calibrated:	20180820
Test equipment 2	Name:	Pressure curve test machine
	Description:	Calibrated to 0-100 mmHg, ±1%
	Serial number:	NA
	Last calibrated:	20180220
Test theater	Temperature:	24.3°C
	Humidity:	45%

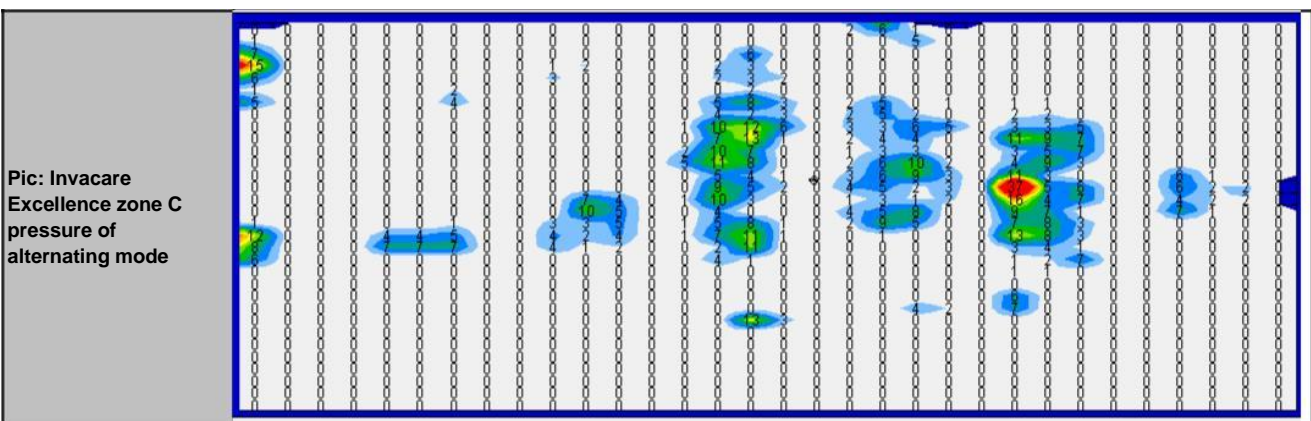
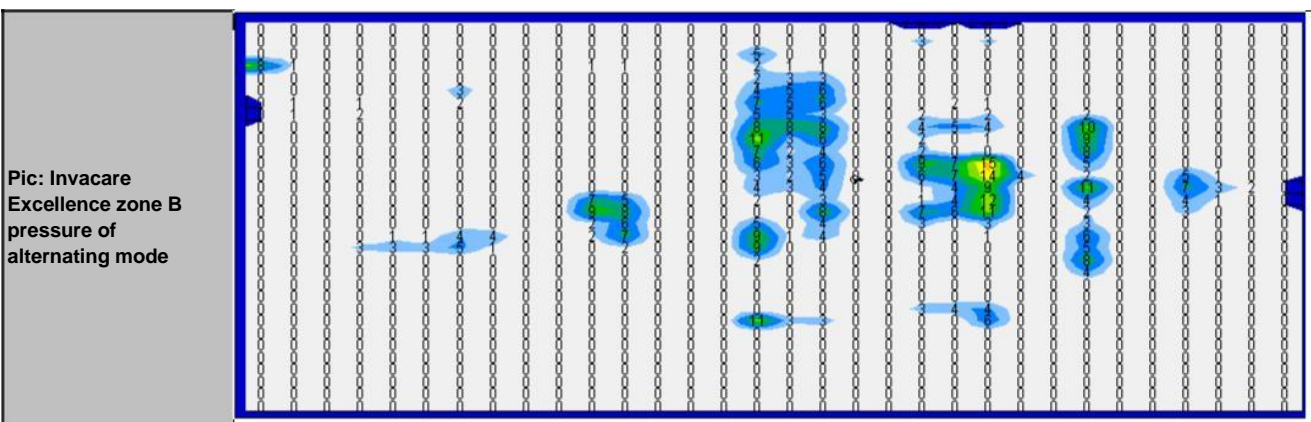
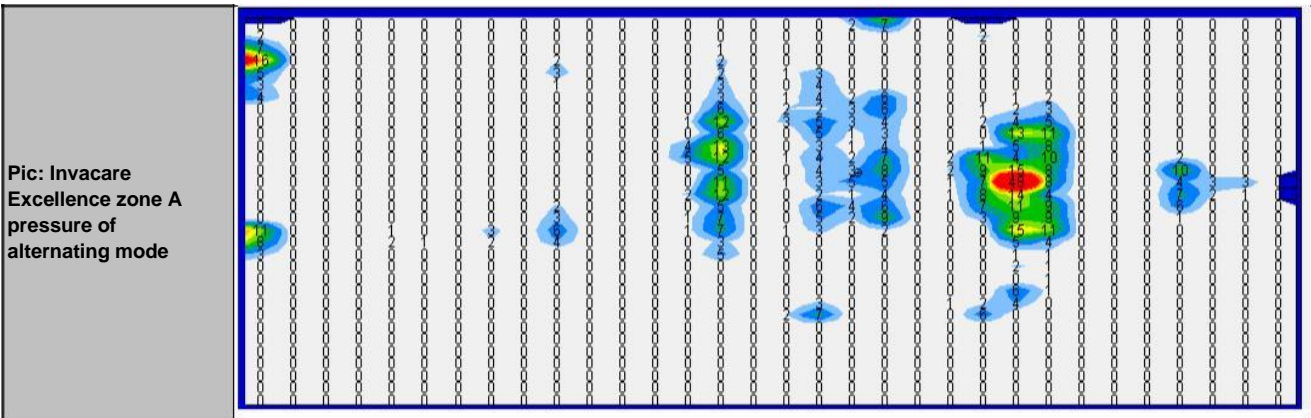
SET UP & METHOD



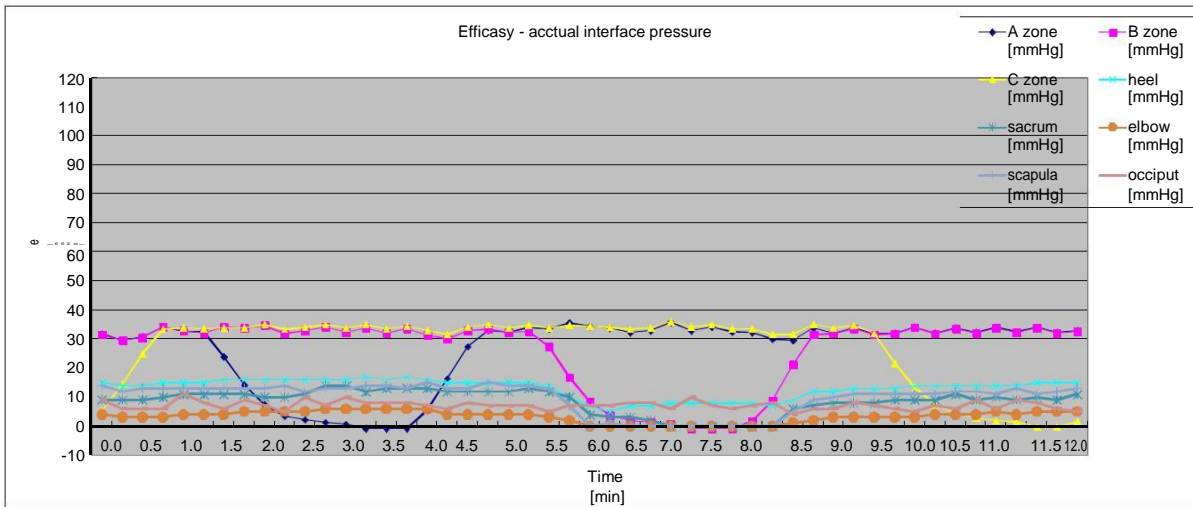
DATA TABLE - PRESSURE MAPPING

Brand	Model	Sec	min	Ref. time	Interface pressure					Internal pressure			Comment
					heel [mmHg]	sacr um [mmHg]	elbo w [mmHg]	scap ula [mmHg]	occi put [mmHg]	A zone [mmHg]	B zone [mmHg]	C zone [mmHg]	
Invacare Excellence	flat	0	00.00	13:55:00	15	9	4	14	9	31.7	31.5	5.3	
Invacare Excellence	flat	15	00.25	13:55:15	14	9	3	12	6	29.7	29.5	14.5	
Invacare Excellence	flat	30	00.50	13:55:30	14	9	3	13	6	30.8	30.5	25	
Invacare Excellence	flat	45	00.75	13:55:45	15	10	3	13	6	34.3	34.2	33.4	
Invacare Excellence	flat	60	01.00	13:56:00	15	11	4	13	11	32.7	32.8	33.9	
Invacare Excellence	flat	75	01.25	13:56:15	15	11	4	13	8	32.4	32.1	33.6	
Invacare Excellence	flat	90	01.50	13:56:30	16	11	4	13	6	23.8	34.2	33.7	
Invacare Excellence	flat	105	01.75	13:56:45	16	11	5	13	9	14.1	33.9	33.7	
Invacare Excellence	flat	120	02.00	13:57:00	16	10	5	13	7	7.2	34.7	35	
Invacare Excellence	flat	135	02.25	13:57:15	16	10	5	14	5	3.6	31.9	33.3	
Invacare Excellence	flat	150	02.50	13:57:30	16	11	5	12	10	2.1	32.8	34.1	
Invacare Excellence	flat	165	02.75	13:57:45	16	14	6	13	7	1.2	34.2	34.9	
Invacare Excellence	flat	180	03.00	13:58:00	16	14	6	13	10	0.6	32.2	33.7	
Invacare Excellence	flat	195	03.25	13:58:15	17	12	6	14	8	-0.9	33.7	34.8	
Invacare Excellence	flat	210	03.50	13:58:30	16	13	6	14	8	-0.9	32.1	33.5	
Invacare Excellence	flat	225	03.75	13:58:45	17	13	6	13	8	-0.9	33.6	34.5	
Invacare Excellence	flat	240	04.00	13:59:00	16	13	6	15	7	5.4	31.4	32.9	
Invacare Excellence	flat	255	04.25	13:59:15	15	12	4	13	6	16.4	30	31.6	
Invacare Excellence	flat	270	04.50	13:59:30	15	12	4	13	8	27.4	32.8	34.3	
Invacare Excellence	flat	285	04.75	13:59:45	15	12	4	15	7	32.8	33.3	35.2	
Invacare Excellence	flat	300	05.00	14:00:00	15	12	4	14	7	32.3	32.2	33.8	
Invacare Excellence	flat	315	05.25	14:00:15	15	13	4	14	7	34.1	32.7	34.7	
Invacare Excellence	flat	330	05.50	14:00:30	14	12	3	13	5	33.5	27.4	33.7	
Invacare Excellence	flat	345	05.75	14:00:45	10	10	2	7	7	35.5	16.7	34.7	
Invacare Excellence	flat	360	06.00	14:01:00	7	4	0	0	7	34.4	8.3	34.4	
Invacare Excellence	flat	375	06.25	14:01:15	5	3	0	1	7	33.7	3.8	34.1	
Invacare Excellence	flat	390	06.50	14:01:30	7	3	0	0	8	32.2	2	33.4	
Invacare Excellence	flat	405	06.75	14:01:45	7	2	0	0	8	32.8	1.2	33.9	
Invacare Excellence	flat	420	07.00	14:02:00	8	0	0	0	6	35.8	0.7	36	
Invacare Excellence	flat	435	07.25	14:02:15	8	0	0	0	10	33	-1	34.2	
Invacare Excellence	flat	450	07.50	14:02:30	8	0	0	0	7	34.2	-1	34.8	
Invacare Excellence	flat	465	07.75	14:02:45	8	0	0	0	6	32.5	-1	33.5	
Invacare Excellence	flat	480	08.00	14:03:00	8	0	0	0	7	32.3	1.8	33.6	
Invacare Excellence	flat	495	08.25	14:03:15	7	0	0	0	8	30	8.8	31.5	
Invacare Excellence	flat	510	08.50	14:03:30	9	6	1	5	4	29.7	21.2	31.5	
Invacare Excellence	flat	525	08.75	14:03:45	12	7	2	9	6	33.7	31.5	35.2	
Invacare Excellence	flat	540	09.00	14:04:00	12	8	3	10	6	32.1	31.9	33.7	
Invacare Excellence	flat	555	09.25	14:04:15	13	8	3	11	8	33.8	33.6	34.6	
Invacare Excellence	flat	570	09.50	14:04:30	13	8	3	11	7	31.8	31.5	32	
Invacare Excellence	flat	585	09.75	14:04:45	13	9	3	11	6	32.1	31.8	21.6	
Invacare Excellence	flat	600	10.00	14:05:00	14	9	3	11	5	34.3	34.1	13.5	
Invacare Excellence	flat	615	10.25	14:05:15	14	9	4	11	7	32.1	31.8	7.5	
Invacare Excellence	flat	630	10.50	14:05:30	14	11	4	12	6	33.8	33.6	4.4	
Invacare Excellence	flat	645	10.75	14:05:45	14	9	4	12	9	32.2	32	2.9	
Invacare Excellence	flat	660	11.00	14:06:00	14	10	5	11	6	34.1	33.8	2	
Invacare Excellence	flat	675	11.25	14:06:15	14	9	4	13	9	32.4	32.2	1.6	
Invacare Excellence	flat	690	11.50	14:06:30	15	10	5	11	8	34.2	33.9	-0.3	
Invacare Excellence	flat	705	11.75	14:06:45	15	9	5	12	6	32.2	32	-0.3	
Invacare Excellence	flat	720	12.00	14:07:00	15	11	5	13	5	33	32.7	1.6	

RESULT - FSA



RESULT - PRI



	Heel	Sacrum	Elbow	Scapula	Occiput
Max. pressure	17.00	14.00	06.00	15.00	11.00
Min. pressure	05.00	00.00	00.00	00.00	04.00

PRI-Heel

PRI [mmHg]	Time [min]	% of cycle
0	0	0.0%
<15	6.5	54.2%
<30	12	100.0%
<45	12	100.0%

PRI-Sacrum

PRI [mmHg]	Time [min]	% of cycle
0	1.5	12.5%
<15	12	100.0%
<30	12	100.0%
<45	12	100.0%

PRI-Elbow

PRI [mmHg]	Time [min]	% of cycle
0	2.5	20.8%
<15	12	100.0%
<30	12	100.0%
<45	12	100.0%

PRI-Scapula

PRI [mmHg]	Time [min]	% of cycle
0	2.25	18.8%
<15	11.75	97.9%
<30	12	100.0%
<45	12	100.0%

PRI-Occiput

PRI [mmHg]	Time [min]	% of cycle
0	0	0.0%
<15	12	100.0%
<30	12	100.0%
<45	12	100.0%

