

Appendix A: Abbreviations and acronyms

Some abbreviations and acronyms that are often used in Land Transport NZ Research Reports are listed here for quick reference.

AADT	Annual Average Daily Traffic volume
ADT	Average Daily Traffic
AASHO	American Association of State Highway Officials (until Dec. 1973)
AASHTO	American Association of State Highway & Transportation Officials (1974 on)
ARRB	Australian Road Research Board
AUSTROADS	National Association of Road Transport & Traffic Authorities in Australia
B/C	Benefit/cost ratio
CAPTIF	Canterbury Accelerated Pavement Testing Indoor Facility
CBA	Cost-Benefit Analysis
CBR	Californian Bearing Ratio
FWD	Falling Weight Deflectometer
Land Transport NZ	Land Transport New Zealand (from 2004)
LTSA	Land Transport Safety Authority
NAASRA	National Association of Australian State Road Authorities
NCHRP	National Cooperative Highway Research Program
NRB	National Roads Board, NZ
OECD	Organisation for Economic Co-operation & Development
RAMM	Road Assessment & Maintenance Management system
TeLIS	Technical Library & Information Service, Opus International Consultants Ltd
Transit	Transit New Zealand
Transfund	Transfund New Zealand (to 2004)
TRB	Transportation Research Board, Washington DC
TRL	Transport Research Laboratory, Crowthorne, UK (1992 on)
TRRL	Transport & Road Research Laboratory, Crowthorne, UK (until 1991)

Appendix B: Subgrade CBR values

Table B1 – Subgrade CBRs from Pavement test 1.

Station	CBR
2	7
5	8
8	7
13	9
16	9
19	10
25	2
28	2
31	2
36	2
39	4
42	4
47	8
50	8
53	9

Table B2 – Subgrade CBRs from Pavement test 2.

Station	CBR
0	6
5	6
10	5
15	6
18	6
20	4
25	2
30	3
35	2
40	3
45	2
50	2
55	7

Appendix C: OGPA tests

Stage 1 OGPA Test Results



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Laboratory Reference: 2004/1832/1

OPEN GRADED ASPHALTIC CONCRETE TEST REPORT

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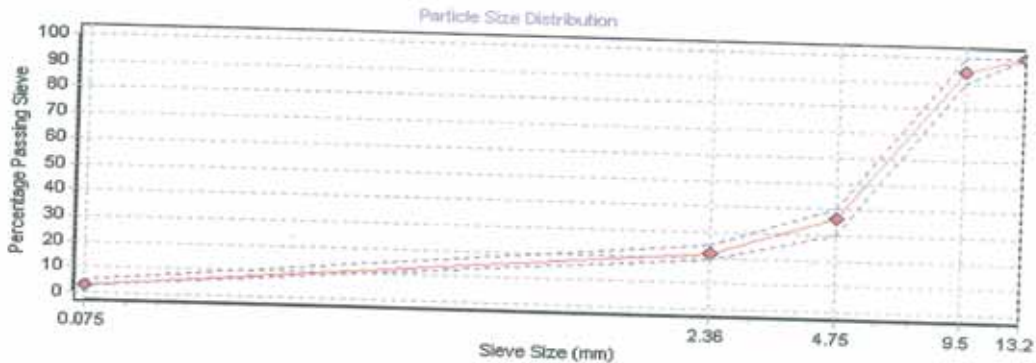
ATTENTION: Jeff Waters

CLIENT: Fulton Hogan Corporate
CLIENT REFERENCE: Test Track
PRODUCT: TNZ P/11 PA 14 HS 2003
CONDITION AS RECEIVED: As manufactured, in a brown paper bag
SAMPLED FROM: FHCI - Asphalt Plant, Pound Road (@ 168°C)
SAMPLING METHOD USED: ASTM D 979 - 01 Section 5.2.1 (modified)
TEST METHODS USED: NZS 4407: 1991 Test 3.8.1, ADL 4.02/15a-90, ASTM D 2041-00, ASTM D1559-89, ASTM D3549-93a, FHCL T4 1999 (Not IANZ accredited)
COMPACTION TEMP: 110°C @ 75 blows
SAMPLED BY: Martin Clay on 15/7/2004 @ 1:30 pm
TESTED BY: Martin Clay on 15/7/2004

Sieve Size (mm)	% Passing Sieve	TNZ P11 PA14HS 2003
13.2	100	100
9.5	95	90-100
4.75	36	30-40
2.36	21	19-25
0.075	3	3-5

% passing finest sieve obtained by difference sample extracted via igniter

Asphalt Properties	Results	TNZ P11 PA14HS 2003	Reporting Information
Binder Content (%)	5.1	4.5-6.5	1.9 kg used
Bulk SG	2.121		
Bulk Density (kg/m ³)	2115		3 blocks used @ 0.7 kg
Air Voids (%)	13.8	12 min	
Max Theoretical SG	2.461		Flask Type C, weighed in air Tested at 25°C, 1 sample tested @ 2 kg
Permeability (s)	2.4*		3 blocks tested



Report Issued By: Martin Clay on 15/7/2004

Report Checked By:

Approved Signatory:



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Laboratory Reference: 2005/2844/1

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OPEN GRADED ASPHALTIC CONCRETE TEST REPORT

ATTENTION:

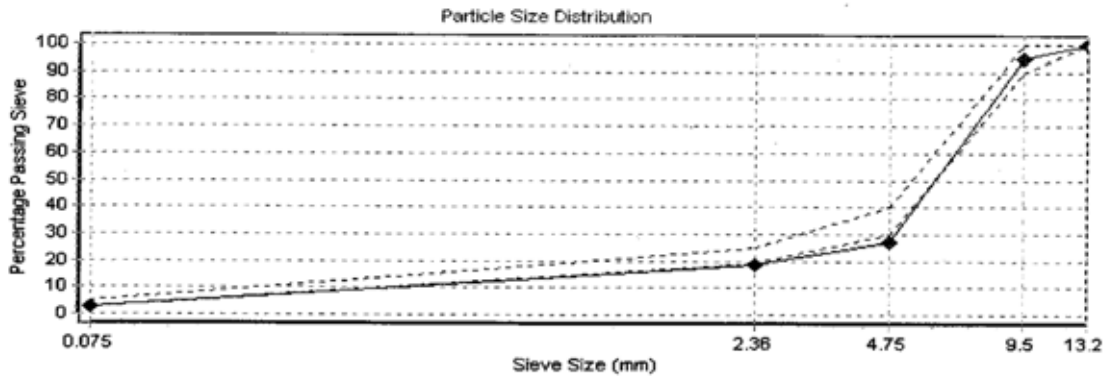
John Forrest / Ray Abernethy / Adam Nichol

CLIENT: FHCI - Asphalt Plant
 CLIENT REFERENCE: Batch 827
 PRODUCT: TNZ P/11 PA 14 HS 2003 (80/100)
 CONDITION AS RECEIVED: As manufactured, in a brown paper bag
 SAMPLED FROM: FHCI Asphalt Plant, Pound Road (9/12 tonnes @ 130°C)
 SAMPLING METHOD USED: ASTM D 979 - 01 Section 5.2.2
 TEST METHODS USED: NZS 4407: 1991 Test 3.8.1, ADL 4.02/15a-90, ASTM D 2041-03a, ASTM D 1559 - 89 - modified, ASTM D 3549 - 93a, FHCL T4 1999 (Not IANZ accredited)
 COMPACTION TEMP: 108 °C @ 75 blows - Mechanical Compaction
 SAMPLED BY: Gerald Hensley on 5/10/05 @ 10 am
 TESTED BY: Simon Hughes-Johnson on 5/10/05

Sieve Size (mm)	% Passing Sieve	TNZ P11 PA14HS 2003
13.2	100	100
9.5	95	90-100
4.75	27	30-40
2.36	19	19-25
0.075	3	3-5

% passing finest sieve obtained by difference sample extracted via igniter

Asphalt Properties	Results	TNZ P11 PA14HS 2003	Reporting Information
Binder Content (%)	4.5	5.3 - 7.3	3.3 kg used
Bulk SG	2.072		
Bulk Density (kg/m ³)	2066		3 blocks used @ 1 kg
Air Voids (%)	16.2	12 min	
Max Theoretical SG	2.472		Flask Type C, weighed in air Tested at 25°C, 2 samples tested @ 2.5 kg
Permeability (s)	71*	-	3 blocks tested



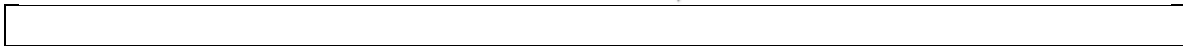
Report Issued By: Simon Hughes-Johnson on 6/10/05

Report Checked By:

Approved Signatory:
 Laboratory Manager



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Laboratory Reference: 2005/2845/1

OPEN GRADED ASPHALTIC CONCRETE TEST REPORT

ATTENTION:

John Forrest / Ray Abernethy / Adam Nichol

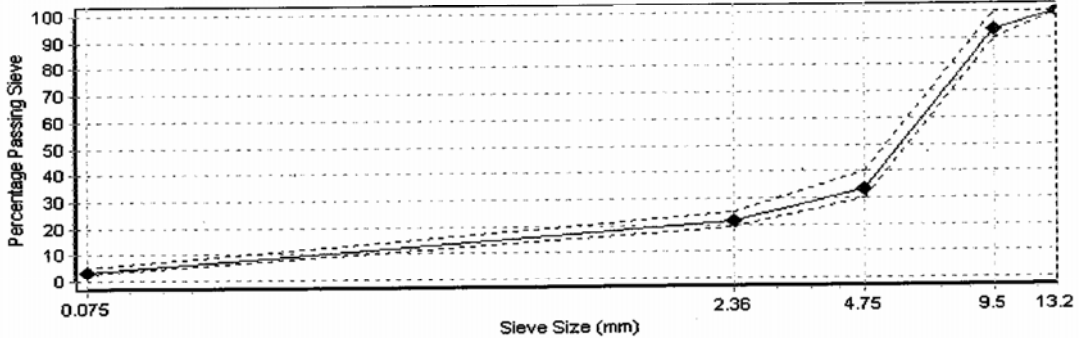
CLIENT: FHCI - Asphalt Plant
 CLIENT REFERENCE: Batch 828
 PRODUCT: TNZ P/11 PA 14 HS 2003 (60/70 Bitumen)
 CONDITION AS RECEIVED: As manufactured, in a brown paper bag
 SAMPLED FROM: FHCI Asphalt Plant, Pound Road (10/12 tonnes @ 130°C)
 SAMPLING METHOD USED: ASTM D 979 - 01 Section 5.2.2
 TEST METHODS USED: NZS 4407: 1991 Test 3.8.1, ADL 4.02/15a-90, ASTM D 2041-03a, ASTM D1559-89 (modified), ASTM D 3549 - 93a, FHCL T4 1999 (Not IANZ accredited)
 COMPACTION TEMP: 108 °C @ 75 blows Mechanical Compaction
 SAMPLED BY: Gerald Hensley on 5/10/05 @ 10:45 am
 TESTED BY: Simon Hughes-Johnson on 6/10/05

Sieve Size (mm)	% Passing Sieve	TNZ P11 PA14HS 2003
13.2	100	100
9.5	93	90-100
4.75	33	30-40
2.36	22	19-25
0.075	3	3-5

% passing finest sieve obtained by difference sample extracted via igniter

Asphalt Properties	Results	TNZ P11 PA14HS 2003	Reporting Information
Binder Content (%)	4.6	4.5 - 6.5	3.4 kg used
Bulk SG	2.074		3 blocks used @ 1 kg
Bulk Density (kg/m ³)	2067		
Air Voids (%)	15.8	12 min	
Max Theoretical SG	2.464		Flask Type C, weighed in air Tested at 25°C, 1 sample tested @ 1.3 kg
Permeability (s)	63*		3 blocks tested

Particle Size Distribution



Report Issued By: Simon Hughes-Johnson on 7/10/05

Report Checked By: _____

Approved Signatory: _____

Laboratory Manager



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Report Template: AC-All OG.doc Template Issued: 10/10/2005

Appendix D: FWD tests

FWD readings Stage 1: Zero cycles

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	450	600	750	900	1200	1500	Air Temp
A	CAP-135__F25	1.00	135	1	623	44.0	724	400	228	95	54	39	32	23	20	19.3
	CAP-135__F25	1.00	135	2	626	44.2	639	364	222	98	59	42	34	24	20	19.3
	CAP-135__F25	2.00	135	1	624	44.1	611	347	222	89	52	40	36	25	21	19.4
	CAP-135__F25	2.00	135	2	629	44.5	550	330	207	93	57	43	36	26	22	19.4
	CAP-135__F25	3.00	135	1	620	43.8	602	309	201	85	51	40	36	27	23	18.9
	CAP-135__F25	3.00	135	2	627	44.3	559	313	200	88	55	42	37	28	24	18.9
	CAP-135__F25	4.00	135	1	621	43.9	626	335	247	97	54	41	35	25	20	18.6
	CAP-135__F25	4.00	135	2	625	44.2	576	358	238	102	58	43	37	26	22	18.6
	CAP-135__F25	5.00	135	1	617	43.6	640	355	239	96	55	38	32	24	20	18.3
	CAP-135__F25	5.00	135	2	625	44.2	589	358	227	100	58	40	34	26	21	18.3
	CAP-135__F25	6.00	135	1	620	43.8	605	343	216	93	53	38	33	24	21	18.9
	CAP-135__F25	6.00	135	2	624	44.1	561	338	213	95	55	39	33	24	22	18.9
	CAP-135__F25	7.00	135	1	616	43.5	708	386	219	89	49	38	35	27	23	18.8
	CAP-135__F25	7.00	135	2	622	44.0	637	368	232	93	53	40	38	27	24	18.8
	CAP-135__F25	8.00	135	1	619	43.8	734	404	232	82	46	37	33	23	20	19.5
	CAP-135__F25	8.00	135	2	621	43.9	655	374	222	89	51	39	34	24	20	19.5
	CAP-135__F25	9.00	135	1	614	43.4	737	388	221	94	54	40	36	26	21	19.1
	CAP-135__F25	9.00	135	2	627	44.3	669	373	220	100	58	43	38	27	22	19.1
	CAP-135__F25	10.00	135	1	613	43.3	836	414	236	94	53	40	35	26	21	18.7
	CAP-135__F25	10.00	135	2	625	44.2	748	394	231	99	58	42	37	27	21	18.7
B	CAP-135__F25	12.00	135	1	625	44.2	672	373	231	100	57	41	34	25	21	19
	CAP-135__F25	12.00	135	2	625	44.2	589	349	221	102	60	42	35	25	21	19

FWD readings Stage 1: Zero cycles

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	450	600	750	900	1200	1500	Air Temp
B	CAP-135__F25	13.00	135	1	615	43.5	656	348	233	108	61	40	33	25	20	19
B	CAP-135__F25	13.00	135	2	626	44.2	601	374	231	111	64	42	34	26	21	19
B	CAP-135__F25	14.00	135	1	617	43.6	652	353	227	108	64	44	35	26	22	19.6
B	CAP-135__F25	14.00	135	2	627	44.3	593	357	224	111	67	45	36	26	22	19.6
B	CAP-135__F25	15.00	135	1	620	43.8	645	375	275	120	66	44	35	25	20	19.2
B	CAP-135__F25	15.00	135	2	624	44.1	586	375	263	120	70	47	37	27	22	19.2
B	CAP-135__F25	16.00	135	1	611	43.2	653	370	267	120	70	48	38	26	21	19.1
B	CAP-135__F25	16.00	135	2	622	44.0	604	373	246	125	74	51	40	27	22	19.1
B	CAP-135__F25	17.00	135	1	621	43.9	695	413	266	114	66	46	37	28	22	18.3
B	CAP-135__F25	17.00	135	2	621	43.9	623	388	253	116	69	49	38	28	22	18.3
B	CAP-135__F25	18.00	135	1	610	43.1	776	419	262	109	62	44	38	29	23	18.9
B	CAP-135__F25	18.00	135	2	625	44.2	708	418	258	114	67	49	42	30	25	18.9
B	CAP-135__F25	19.00	135	1	612	43.3	848	419	272	107	61	42	36	28	23	18.9
B	CAP-135__F25	19.00	135	2	627	44.3	756	421	267	116	67	46	37	29	24	18.9
B	CAP-135__F25	20.00	135	1	613	43.3	819	445	296	110	61	44	39	29	24	19.1
B	CAP-135__F25	20.00	135	2	624	44.1	743	435	294	117	65	48	40	31	25	19.1
B	CAP-135__F25	21.00	135	1	614	43.4	906	498	281	112	58	45	40	29	23	19.1
B	CAP-135__F25	21.00	135	2	621	43.9	818	467	275	119	65	49	42	30	24	19.1
C	CAP-135__F25	24.00	135	1	592	41.8	1486	832	391	74	0	5	22	24	22	18.7
C	CAP-135__F25	24.00	135	2	599	42.3	1263	731	371	102	26	28	36	28	26	18.7
C	CAP-135__F25	25.00	135	1	576	40.7	2118	1208	640	116	0	0	0	20	16	18.9
C	CAP-135__F25	25.00	135	2	591	41.8	1774	1044	555	128	0	0	0	23	18	18.9
C	CAP-135__F25	26.00	135	1	564	39.9	2589	1538	760	53	0	0	1	15	14	18.8
C	CAP-135__F25	26.00	135	2	578	40.9	2148	1272	647	82	0	0	0	20	15	18.8

FWD readings Stage 1: Zero cycles

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	450	600	750	900	1200	1500	Air Temp
C	CAP-135__F25	27.00	135	1	576	40.7	2140	1187	575	114	0	0	0	20	15	18.6
C	CAP-135__F25	27.00	135	2	592	41.8	1788	1038	534	142	11	0	13	20	16	18.6
C	CAP-135__F25	28.00	135	1	596	42.1	1469	856	410	118	16	4	15	23	17	18.7
C	CAP-135__F25	28.00	135	2	603	42.6	1265	753	402	134	41	22	25	23	19	18.7
C	CAP-135__F25	29.00	135	1	604	42.7	1146	645	348	118	40	26	28	22	18	18.7
C	CAP-135__F25	29.00	135	2	609	43.0	998	603	328	130	55	36	32	26	21	18.7
C	CAP-135__F25	30.00	135	1	610	43.1	1137	641	330	105	36	25	27	24	17	18.9
C	CAP-135__F25	30.00	135	2	625	44.2	1002	593	316	122	54	36	33	26	21	18.9
C	CAP-135__F25	31.00	135	1	618	43.7	993	516	288	111	51	35	32	25	19	19.4
C	CAP-135__F25	31.00	135	2	623	44.0	869	493	289	122	61	41	35	27	21	19.4
D	CAP-135__F25	35.00	135	1	614	43.4	813	507	301	118	60	38	30	23	17	19.1
D	CAP-135__F25	35.00	135	2	623	44.0	742	456	278	125	69	45	35	24	19	19.1
D	CAP-135__F25	36.00	135	1	615	43.5	809	460	303	121	63	41	31	23	18	19.4
D	CAP-135__F25	36.00	135	2	623	44.0	728	438	288	128	71	46	35	24	18	19.4
D	CAP-135__F25	37.00	135	1	619	43.8	691	377	236	106	63	43	33	24	19	19
D	CAP-135__F25	37.00	135	2	625	44.2	624	376	228	111	69	48	37	26	21	19
D	CAP-135__F25	38.00	135	1	618	43.7	697	412	256	101	56	38	31	23	19	19.5
D	CAP-135__F25	38.00	135	2	622	44.0	626	391	254	108	61	43	34	25	20	19.5
D	CAP-135__F25	39.00	135	1	620	43.8	651	335	212	101	63	44	35	25	20	19.1
D	CAP-135__F25	39.00	135	2	624	44.1	588	351	206	106	67	46	38	26	20	19.1
D	CAP-135__F25	40.00	135	1	611	43.2	704	398	216	90	54	40	33	24	19	19
D	CAP-135__F25	40.00	135	2	624	44.1	633	374	216	98	60	44	36	25	21	19
D	CAP-135__F25	41.00	135	1	617	43.6	707	400	229	101	59	43	35	25	19	18.6
D	CAP-135__F25	41.00	135	2	622	44.0	635	377	219	105	64	47	38	23	20	18.6

FWD readings Stage 1: Zero cycles

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	450	600	750	900	1200	1500	Air Temp
D	CAP-135__F25	42.00	135	1	608	43.0	775	435	256	102	53	37	30	24	19	19.1
D	CAP-135__F25	42.00	135	2	630	44.5	718	449	264	115	63	43	35	26	21	19.1
E	CAP-135__F25	44.00	135	1	618	43.7	692	368	224	98	57	40	34	28	22	19.3
E	CAP-135__F25	44.00	135	2	621	43.9	618	365	214	102	61	43	37	27	23	19.3
E	CAP-135__F25	45.00	135	1	620	43.8	633	382	228	108	64	46	36	27	20	19.3
E	CAP-135__F25	45.00	135	2	623	44.0	571	362	222	112	68	48	39	28	21	19.3
E	CAP-135__F25	46.00	135	1	616	43.5	614	331	226	98	58	40	34	27	21	19.3
E	CAP-135__F25	46.00	135	2	624	44.1	557	335	218	102	61	42	35	27	21	19.3
E	CAP-135__F25	47.00	135	1	620	43.8	586	310	194	99	65	47	38	24	22	19.1
E	CAP-135__F25	47.00	135	2	624	44.1	529	310	188	100	66	48	38	26	21	19.1
E	CAP-135__F25	48.00	135	1	612	43.3	613	326	211	93	58	43	35	25	20	18.5
E	CAP-135__F25	48.00	135	2	622	44.0	558	340	203	96	62	45	38	26	22	18.5
E	CAP-135__F25	49.00	135	1	619	43.8	601	337	191	90	57	41	33	25	20	18.6
E	CAP-135__F25	49.00	135	2	625	44.2	547	334	193	93	60	43	34	26	21	18.6
E	CAP-135__F25	50.00	135	1	615	43.5	590	326	198	88	56	41	33	25	20	18.5
E	CAP-135__F25	50.00	135	2	624	44.1	537	337	193	91	58	42	32	24	20	18.5
E	CAP-135__F25	51.00	135	1	619	43.8	542	313	187	90	58	42	32	25	20	19
E	CAP-135__F25	51.00	135	2	624	44.1	494	301	188	90	59	43	34	25	20	19
E	CAP-135__F25	52.00	135	1	618	43.7	555	279	186	89	57	42	33	23	19	19
E	CAP-135__F25	52.00	135	2	624	44.1	507	283	194	92	60	44	36	25	20	19
E	CAP-135__F25	53.00	135	1	615	43.5	530	322	194	89	57	42	35	23	19	19
E	CAP-135__F25	53.00	135	2	622	44.0	486	304	184	91	59	43	35	24	20	19
E	CAP-135__F25	54.00	135	1	617	43.6	576	328	196	91	57	42	36	26	22	19.2
E	CAP-135__F25	54.00	135	2	627	44.3	522	322	187	94	60	45	38	27	23	19.2

FWD readings Stage 1: Zero cycles

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	450	600	750	900	1200	1500	Air Temp
E	CAP-135_F25	55.00	135	1	613	43.3	594	306	186	92	60	45	38	27	21	19.4
E	CAP-135_F25	55.00	135	2	627	44.3	531	303	187	97	64	48	39	28	22	19.4
E	CAP-135_F25	56.00	135	1	610	43.1	653	302	196	94	61	44	35	25	20	19.3
E	CAP-135_F25	56.00	135	2	633	44.7	595	319	185	103	65	47	38	25	20	19.3
E	CAP-135_F25	57.00	135	1	625	44.2	502	274	175	101	68	48	37	24	20	19.6
E	CAP-135_F25	57.00	135	2	627	44.3	452	259	172	102	69	48	38	26	21	19.6
A	CAP-245_F25	1.00	245	1	618	43.7	625	359	234	89	53	41	35	26	22	15.4
A	CAP-245_F25	1.00	245	2	626	44.2	566	331	232	93	58	43	36	27	23	15.4
A	CAP-245_F25	2.00	245	1	624	44.1	552	331	199	88	52	38	33	28	24	15.1
A	CAP-245_F25	2.00	245	2	626	44.2	502	302	189	89	53	39	34	28	25	15.1
A	CAP-245_F25	3.00	245	1	616	43.5	660	381	221	91	52	41	36	29	25	14.7
A	CAP-245_F25	3.00	245	2	621	43.9	592	352	208	94	54	42	37	29	26	14.7
A	CAP-245_F25	4.00	245	1	619	43.8	631	358	247	94	53	41	37	30	26	14.8
A	CAP-245_F25	4.00	245	2	627	44.3	574	337	226	97	57	45	40	30	27	14.8
A	CAP-245_F25	5.00	245	1	612	43.3	640	363	242	98	56	40	34	27	25	15.5
A	CAP-245_F25	5.00	245	2	632	44.7	590	355	236	104	61	43	37	29	27	15.5
A	CAP-245_F25	6.00	245	1	620	43.8	600	332	189	84	50	39	34	27	22	15
A	CAP-245_F25	6.00	245	2	629	44.5	542	305	186	86	53	41	36	27	25	15
A	CAP-245_F25	7.00	245	1	619	43.8	660	362	198	94	55	40	34	25	23	15.1
A	CAP-245_F25	7.00	245	2	629	44.5	585	338	177	96	58	42	36	27	24	15.1
A	CAP-245_F25	8.00	245	1	617	43.6	647	338	189	81	49	39	35	28	24	14.6
A	CAP-245_F25	8.00	245	2	627	44.3	567	314	184	85	51	40	37	28	25	14.6
A	CAP-245_F25	9.00	245	1	617	43.6	679	390	204	84	56	44	38	28	23	14.8
A	CAP-245_F25	9.00	245	2	627	44.3	600	353	200	89	58	45	39	28	24	14.8

FWD readings Stage 1: Zero cycles

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	450	600	750	900	1200	1500	Air Temp
A	CAP-245_F25	10.00	245	1	616	43.5	724	400	225	88	54	44	38	29	24	15.1
A	CAP-245_F25	10.00	245	2	627	44.3	622	350	209	92	59	47	39	30	26	15.1
B	CAP-245_F25	12.00	245	1	619	43.8	692	363	206	90	55	42	37	31	26	15.2
B	CAP-245_F25	12.00	245	2	627	44.3	610	336	197	94	58	43	37	30	27	15.2
B	CAP-245_F25	13.00	245	1	622	44.0	604	336	209	107	65	46	38	30	25	15.3
B	CAP-245_F25	13.00	245	2	626	44.2	525	303	195	106	67	46	37	29	26	15.3
B	CAP-245_F25	14.00	245	1	618	43.7	610	335	211	103	64	44	35	28	25	14.9
B	CAP-245_F25	14.00	245	2	627	44.3	541	312	200	106	67	46	36	29	25	14.9
B	CAP-245_F25	15.00	245	1	620	43.8	622	332	210	109	67	47	38	29	24	14.5
B	CAP-245_F25	15.00	245	2	626	44.2	542	303	235	109	69	48	38	29	24	14.5
B	CAP-245_F25	16.00	245	1	611	43.2	594	337	213	110	65	45	35	27	23	15
B	CAP-245_F25	16.00	245	2	627	44.3	515	307	201	110	68	47	37	28	25	15
B	CAP-245_F25	17.00	245	1	623	44.0	625	364	229	114	69	48	39	28	24	15
B	CAP-245_F25	17.00	245	2	625	44.2	538	330	219	113	70	49	39	29	25	15
B	CAP-245_F25	18.00	245	1	616	43.5	697	345	198	111	68	48	40	29	24	15
B	CAP-245_F25	18.00	245	2	626	44.2	591	310	197	110	71	49	40	31	25	15
B	CAP-245_F25	19.00	245	1	615	43.5	792	458	255	103	62	46	38	30	25	15.3
B	CAP-245_F25	19.00	245	2	619	43.8	686	408	249	107	65	47	39	30	27	15.3
B	CAP-245_F25	20.00	245	1	617	43.6	786	395	233	103	64	48	40	30	26	15
B	CAP-245_F25	20.00	245	2	624	44.1	674	360	222	107	67	50	41	32	28	15
B	CAP-245_F25	21.00	245	1	618	43.7	785	428	235	103	64	48	41	31	26	15.1
B	CAP-245_F25	21.00	245	2	624	44.1	691	391	227	107	66	50	42	32	27	15.1
C	CAP-245_F25	24.00	245	1	612	43.3	1245	642	333	92	38	34	35	29	23	15
C	CAP-245_F25	24.00	245	2	627	44.3	1068	572	310	110	51	41	39	33	27	15

FWD readings Stage 1: Zero cycles

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	450	600	750	900	1200	1500	Air Temp
C	CAP-245_F25	25.00	245	1	593	41.9	1900	1067	542	121	12	9	21	25	20	15
C	CAP-245_F25	25.00	245	2	604	42.7	1549	881	440	112	14	11	25	27	22	15
C	CAP-245_F25	26.00	245	1	576	40.7	2189	1166	584	112	0	0	15	24	20	15.2
C	CAP-245_F25	26.00	245	2	598	42.3	1823	979	487	106	0	0	14	26	21	15.2
C	CAP-245_F25	27.00	245	1	604	42.7	1519	722	371	99	39	35	33	27	21	15
C	CAP-245_F25	27.00	245	2	610	43.1	1235	615	329	109	51	40	37	29	24	15
C	CAP-245_F25	28.00	245	1	616	43.5	1274	682	384	124	51	37	35	28	23	15.2
C	CAP-245_F25	28.00	245	2	624	44.1	1062	589	351	127	60	42	38	31	26	15.2
C	CAP-245_F25	29.00	245	1	617	43.6	985	523	288	113	57	40	34	28	25	14.5
C	CAP-245_F25	29.00	245	2	627	44.3	836	465	267	116	65	45	38	30	26	14.5
C	CAP-245_F25	30.00	245	1	615	43.5	926	515	385	112	60	45	40	31	26	15
C	CAP-245_F25	30.00	245	2	626	44.2	799	466	326	116	66	49	42	31	27	15
C	CAP-245_F25	31.00	245	1	617	43.6	735	432	252	100	56	42	37	31	26	15.1
C	CAP-245_F25	31.00	245	2	628	44.4	645	387	231	102	61	44	39	31	27	15.1
D	CAP-245_F25	35.00	245	1	614	43.4	796	430	252	114	69	51	41	29	23	15
D	CAP-245_F25	35.00	245	2	623	44.0	700	403	253	117	73	53	43	30	25	15
D	CAP-245_F25	36.00	245	1	621	43.9	799	462	358	102	61	46	37	27	21	15.6
D	CAP-245_F25	36.00	245	2	624	44.1	691	405	309	108	65	48	39	28	23	15.6
D	CAP-245_F25	37.00	245	1	623	44.0	621	333	190	95	65	50	39	27	22	15.3
D	CAP-245_F25	37.00	245	2	624	44.1	547	306	184	96	65	50	40	28	23	15.3
D	CAP-245_F25	38.00	245	1	617	43.6	669	359	207	93	59	45	37	26	22	15.9
D	CAP-245_F25	38.00	245	2	627	44.3	590	333	201	95	62	47	38	27	22	15.9
D	CAP-245_F25	39.00	245	1	614	43.4	600	329	184	85	58	46	37	27	21	15.6
D	CAP-245_F25	39.00	245	2	627	44.3	543	310	186	90	60	46	38	28	22	15.6

FWD readings Stage 1: Zero cycles

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	450	600	750	900	1200	1500	Air Temp
D	CAP-245_F25	40.00	245	1	621	43.9	592	345	184	87	58	44	36	27	23	15.1
D	CAP-245_F25	40.00	245	2	624	44.1	525	308	176	87	58	45	37	28	25	15.1
D	CAP-245_F25	41.00	245	1	617	43.6	656	362	184	82	53	44	38	27	22	15.2
D	CAP-245_F25	41.00	245	2	627	44.3	588	331	180	86	56	45	39	28	23	15.2
D	CAP-245_F25	42.00	245	1	615	43.5	651	342	175	80	52	41	35	28	22	15.4
D	CAP-245_F25	42.00	245	2	626	44.2	586	321	173	86	54	41	33	28	23	15.4
E	CAP-245_F25	44.00	245	1	621	43.9	609	350	201	91	57	43	37	29	23	15.7
E	CAP-245_F25	44.00	245	2	624	44.1	543	318	194	94	59	45	38	31	24	15.7
E	CAP-245_F25	45.00	245	1	616	43.5	618	362	194	88	56	44	38	28	23	15.8
E	CAP-245_F25	45.00	245	2	626	44.2	559	338	193	94	59	45	39	28	23	15.8
E	CAP-245_F25	46.00	245	1	622	44.0	563	309	177	96	64	48	41	30	24	15.5
E	CAP-245_F25	46.00	245	2	628	44.4	505	287	174	96	64	48	39	29	23	15.5
E	CAP-245_F25	47.00	245	1	616	43.5	525	280	178	95	61	44	38	27	20	15.6
E	CAP-245_F25	47.00	245	2	629	44.5	480	277	178	98	63	45	38	27	21	15.6
E	CAP-245_F25	48.00	245	1	615	43.5	534	301	179	95	62	44	35	25	20	16.4
E	CAP-245_F25	48.00	245	2	624	44.1	485	276	178	97	63	45	35	26	20	16.4
E	CAP-245_F25	49.00	245	1	624	44.1	552	294	170	90	60	45	37	26	21	15.8
E	CAP-245_F25	49.00	245	2	623	44.0	492	269	164	90	58	44	36	25	21	15.8
E	CAP-245_F25	50.00	245	1	612	43.3	557	276	154	83	58	44	35	25	20	15.9
E	CAP-245_F25	50.00	245	2	627	44.3	509	265	158	88	60	45	36	25	20	15.9
E	CAP-245_F25	51.00	245	1	620	43.8	516	298	177	89	56	41	31	23	19	15.7
E	CAP-245_F25	51.00	245	2	629	44.5	468	285	176	91	57	42	33	23	19	15.7
E	CAP-245_F25	52.00	245	1	623	44.0	531	283	184	93	63	47	38	26	21	15.3
E	CAP-245_F25	52.00	245	2	625	44.2	473	269	177	94	64	46	37	26	22	15.3

FWD readings Stage 1: Zero cycles

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	450	600	750	900	1200	1500	Air Temp
E	CAP-245_F25	53.00	245	1	612	43.3	611	358	220	102	60	43	34	26	21	16.2
E	CAP-245_F25	53.00	245	2	627	44.3	551	345	213	106	62	44	35	26	22	16.2
E	CAP-245_F25	54.00	245	1	620	43.8	592	321	199	98	62	46	37	27	22	15.9
E	CAP-245_F25	54.00	245	2	626	44.2	535	309	193	100	62	46	37	27	24	15.9
E	CAP-245_F25	55.00	245	1	624	44.1	493	272	172	101	72	52	40	28	21	16.1
E	CAP-245_F25	55.00	245	2	631	44.6	447	259	167	100	72	52	40	28	22	16.1
E	CAP-245_F25	56.00	245	1	618	43.7	613	326	189	89	62	48	39	28	22	16.3
E	CAP-245_F25	56.00	245	2	628	44.4	541	302	181	91	62	47	38	27	23	16.3
E	CAP-245_F25	57.00	245	1	625	44.2	517	322	190	102	71	51	38	25	20	16.2
E	CAP-245_F25	57.00	245	2	629	44.5	461	280	182	102	70	50	37	25	21	16.2

FWD readings Stage 1: 115,000 cycles

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	600	900	1200	1500	Air Temp
A	CAPT-135a_F25	1.00	135	1	603	42.6	1500	656	410	55	42	29	7	19
A	CAPT-135a_F25	1.00	135	2	607	42.9	1318	609	392	68	47	35	8	19
A	CAPT-135a_F25	2.00	135	1	611	43.2	1234	590	315	58	47	31	7	19
A	CAPT-135a_F25	2.00	135	2	614	43.4	1106	506	295	64	47	31	7	19
A	CAPT-135a_F25	3.00	135	1	608	43.0	1338	603	340	42	39	31	9	19
A	CAPT-135a_F25	3.00	135	2	612	43.3	1190	569	337	55	46	35	10	19
A	CAPT-135a_F25	4.00	135	1	614	43.4	1213	574	300	63	39	30	7	19
A	CAPT-135a_F25	4.00	135	2	617	43.6	1078	526	289	69	43	32	8	19
A	CAPT-135a_F25	5.00	135	1	618	43.7	1145	549	322	46	38	32	7	19
A	CAPT-135a_F25	5.00	135	2	621	43.9	1020	507	312	57	41	32	7	19
A	CAPT-135a_F25	6.00	135	1	614	43.4	1193	511	284	35	37	31	7	19
A	CAPT-135a_F25	6.00	135	2	618	43.7	1082	489	281	46	42	32	7	19
A	CAPT-135a_F25	7.00	135	1	610	43.1	1344	623	352	37	43	30	7	19
A	CAPT-135a_F25	7.00	135	2	609	43.0	1203	569	346	53	50	34	7	19
A	CAPT-135a_F25	8.00	135	1	604	42.7	1567	635	331	47	42	31	8	19
A	CAPT-135a_F25	8.00	135	2	609	43.0	1365	579	321	64	48	33	8	19
A	CAPT-135a_F25	9.00	135	1	600	42.4	1747	639	306	30	39	27	6	19
A	CAPT-135a_F25	9.00	135	2	604	42.7	1513	587	307	51	47	31	7	19
A	CAPT-135a_F25	10.00	135	1	586	41.4	1961	728	297	29	41	29	6	19
A	CAPT-135a_F25	10.00	135	2	595	42.1	1672	649	293	49	47	30	7	19
B	CAPT-135a_F25	12.00	135	1	607	42.9	1206	521	362	41	40	34	8	19
B	CAPT-135a_F25	12.00	135	2	611	43.2	1080	587	347	49	44	35	8	19
B	CAPT-135a_F25	13.00	135	1	606	42.8	1238	552	352	33	35	34	8	19
B	CAPT-135a_F25	13.00	135	2	609	43.0	1128	526	337	42	38	34	25	19

FWD readings Stage 1: 115,000 cycles

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	600	900	1200	1500	Air Temp
B	CAPT-135a_F25	14.00	135	1	618	43.7	941	467	338	71	48	38	27	19
B	CAPT-135a_F25	14.00	135	2	625	44.2	877	438	325	77	50	38	8	19
B	CAPT-135a_F25	15.00	135	1	614	43.4	997	553	364	79	49	35	8	19
B	CAPT-135a_F25	15.00	135	2	618	43.7	913	505	346	81	49	35	7	19
B	CAPT-135a_F25	16.00	135	1	615	43.5	1063	571	352	77	47	36	7	19
B	CAPT-135a_F25	16.00	135	2	621	43.9	972	538	335	88	50	36	7	19
B	CAPT-135a_F25	17.00	135	1	615	43.5	1071	585	340	84	52	36	9	19
B	CAPT-135a_F25	17.00	135	2	620	43.8	981	556	326	87	56	41	9	19
B	CAPT-135a_F25	18.00	135	1	604	42.7	1602	650	376	79	54	34	7	19
B	CAPT-135a_F25	18.00	135	2	604	42.7	1425	661	373	86	60	33	7	19
B	CAPT-135a_F25	19.00	135	1	602	42.6	1650	653	343	57	51	35	11	19
B	CAPT-135a_F25	19.00	135	2	603	42.6	1424	601	337	81	57	38	35	19
B	CAPT-135a_F25	20.00	135	1	599	42.3	1753	762	407	43	50	35	7	19
B	CAPT-135a_F25	20.00	135	2	600	42.4	1517	700	390	69	55	36	8	19
B	CAPT-135a_F25	21.00	135	1	583	41.2	2129	953	403	25	41	29	7	19
B	CAPT-135a_F25	21.00	135	2	597	42.2	1789	842	402	68	48	34	8	19
C	CAPT-135a_F25	23.00	135	1	638	45.1	510	376	303	131	56	33	7	19
C	CAPT-135a_F25	23.00	135	2	641	45.3	481	356	287	130	56	33	7	19
C	CAPT-135a_F25	24.00	135	1	628	44.4	573	441	380	178	52	25	20	19
C	CAPT-135a_F25	24.00	135	2	630	44.5	542	414	356	170	54	29	22	19
C	CAPT-135a_F25	25.00	135	1	621	43.9	975	633	441	167	40	13	4	19
C	CAPT-135a_F25	25.00	135	2	626	44.2	899	585	403	166	52	22	5	19
C	CAPT-135a_F25	26.00	135	1	622	44.0	1014	651	508	156	41	18	5	19
C	CAPT-135a_F25	26.00	135	2	627	44.3	917	588	464	154	49	23	6	19

FWD readings Stage 1: 115,000 cycles

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	600	900	1200	1500	Air Temp
C	CAPT-135a_F25	27.00	135	1	629	44.5	854	567	438	127	33	22	6	19
C	CAPT-135a_F25	27.00	135	2	636	45.0	783	529	417	134	39	22	6	19
C	CAPT-135a_F25	28.00	135	1	604	42.7	1021	623	483	155	36	24	7	19
C	CAPT-135a_F25	28.00	135	2	606	42.8	944	584	461	161	48	23	6	19
C	CAPT-135a_F25	29.00	135	1	631	44.6	776	549	426	144	41	22	6	19
C	CAPT-135a_F25	29.00	135	2	633	44.7	710	503	394	141	45	25	6	19
C	CAPT-135a_F25	30.00	135	1	629	44.5	909	601	450	128	35	22	6	19
C	CAPT-135a_F25	30.00	135	2	632	44.7	821	549	415	129	41	25	6	19
C	CAPT-135a_F25	31.00	135	1	636	45.0	847	529	385	106	36	22	5	19
C	CAPT-135a_F25	31.00	135	2	638	45.1	768	485	361	110	40	25	5	19
C	CAPT-135a_F25	32.00	135	1	631	44.6	819	507	362	107	37	22	6	19
C	CAPT-135a_F25	32.00	135	2	635	44.9	751	471	343	108	41	23	6	19
D	CAPT-135a_F25	34.00	135	1	625	44.2	899	554	395	79	19	24	8	19
D	CAPT-135a_F25	34.00	135	2	629	44.5	815	507	371	93	33	26	6	19
D	CAPT-135a_F25	35.00	135	1	622	44.0	1165	682	479	68	0	19	6	19
D	CAPT-135a_F25	35.00	135	2	625	44.2	1038	616	438	86	19	23	7	19
D	CAPT-135a_F25	36.00	135	1	614	43.4	1356	767	525	31	0	16	6	19
D	CAPT-135a_F25	36.00	135	2	622	44.0	1219	696	492	73	8	22	7	19
D	CAPT-135a_F25	37.00	135	1	615	43.5	1371	822	536	45	0	16	6	19
D	CAPT-135a_F25	37.00	135	2	618	43.7	1192	718	481	82	9	21	7	19
D	CAPT-135a_F25	38.00	135	1	614	43.4	1267	731	449	46	4	20	6	19
D	CAPT-135a_F25	38.00	135	2	618	43.7	1137	665	427	78	25	24	6	19
D	CAPT-135a_F25	39.00	135	1	618	43.7	1098	621	410	57	14	24	6	19
D	CAPT-135a_F25	39.00	135	2	621	43.9	978	571	383	81	33	29	24	19

FWD readings Stage 1: 115,000 cycles

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	600	900	1200	1500	Air Temp
D	CAPT-135a_F25	40.00	135	1	613	43.3	1134	621	407	45	17	22	6	19
D	CAPT-135a_F25	40.00	135	2	618	43.7	1014	559	383	75	34	26	21	19
D	CAPT-135a_F25	41.00	135	1	615	43.5	1049	580	385	60	18	24	6	19
D	CAPT-135a_F25	41.00	135	2	615	43.5	927	519	359	82	34	28	7	19
D	CAPT-135a_F25	42.00	135	1	606	42.8	1058	573	379	64	21	25	7	19
D	CAPT-135a_F25	42.00	135	2	608	43.0	955	533	364	84	35	30	8	19
D	CAPT-135a_F25	43.00	135	1	602	42.6	949	555	341	74	32	28	7	19
D	CAPT-135a_F25	43.00	135	2	609	43.0	872	522	330	92	41	31	7	19
E	CAPT-135a_F25	44.00	135	1	612	43.3	839	466	337	89	40	33	8	19
E	CAPT-135a_F25	44.00	135	2	615	43.5	773	518	322	96	45	34	9	19
E	CAPT-135a_F25	45.00	135	1	615	43.5	752	464	313	89	45	32	8	19
E	CAPT-135a_F25	45.00	135	2	615	43.5	710	439	302	99	48	34	20	19
E	CAPT-135a_F25	46.00	135	1	613	43.3	823	471	332	95	44	36	8	19
E	CAPT-135a_F25	46.00	135	2	616	43.5	773	446	322	96	48	38	9	19
E	CAPT-135a_F25	47.00	135	1	618	43.7	658	390	272	84	45	34	26	19
E	CAPT-135a_F25	47.00	135	2	614	43.4	623	373	263	90	48	36	28	19
E	CAPT-135a_F25	48.00	135	1	618	43.7	638	376	253	87	49	35	8	19
E	CAPT-135a_F25	48.00	135	2	620	43.8	611	362	249	92	51	37	8	19
E	CAPT-135a_F25	49.00	135	1	622	44.0	659	387	255	79	48	35	8	19
E	CAPT-135a_F25	49.00	135	2	620	43.8	628	374	252	89	51	36	8	19
E	CAPT-135a_F25	50.00	135	1	612	43.3	668	398	276	76	42	33	7	19
E	CAPT-135a_F25	50.00	135	2	616	43.5	636	382	274	84	45	34	7	19
E	CAPT-135a_F25	51.00	135	1	620	43.8	668	385	268	68	41	30	7	19
E	CAPT-135a_F25	51.00	135	2	623	44.0	635	370	270	78	44	33	7	19

FWD readings Stage 1: 115,000 cycles

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	600	900	1200	1500	Air Temp
E	CAPT-135a_F25	52.00	135	1	619	43.8	657	372	266	81	45	35	8	19
E	CAPT-135a_F25	52.00	135	2	629	44.5	627	364	258	87	48	37	8	19
E	CAPT-135a_F25	53.00	135	1	618	43.7	684	414	296	87	46	35	8	19
E	CAPT-135a_F25	53.00	135	2	616	43.5	648	399	288	92	47	36	8	19
E	CAPT-135a_F25	54.00	135	1	613	43.3	698	407	313	83	48	37	9	19
E	CAPT-135a_F25	54.00	135	2	618	43.7	661	393	294	88	51	37	8	19
E	CAPT-135a_F25	55.00	135	1	613	43.3	771	394	269	85	54	35	8	19
E	CAPT-135a_F25	55.00	135	2	615	43.5	717	378	261	91	54	37	9	19
E	CAPT-135a_F25	56.00	135	1	620	43.8	767	398	280	97	50	34	8	19
E	CAPT-135a_F25	56.00	135	2	626	44.2	721	384	277	103	52	35	8	19
E	CAPT-135a_F25	57.00	135	1	587	41.5	537	308	228	84	44	31	25	19
E	CAPT-135a_F25	57.00	135	2	585	41.4	506	289	215	82	44	31	24	19
A	CAP-245a_F25	1.00	245	1	613	0.0	1188	575	283	51	49	32	6	
A	CAP-245a_F25	1.00	245	2	621	0.0	1074	493	274	60	49	33	7	
A	CAP-245a_F25	2.00	245	1	631	0.0	938	482	247	69	48	35	7	
A	CAP-245a_F25	2.00	245	2	634	0.0	855	402	239	70	49	36	7	
A	CAP-245a_F25	3.00	245	1	614	0.0	1273	555	270	51	47	35	6	
A	CAP-245a_F25	3.00	245	2	619	0.0	1122	519	270	64	50	36	7	
A	CAP-245a_F25	4.00	245	1	618	0.0	1044	554	277	61	50	37	7	
A	CAP-245a_F25	4.00	245	2	619	0.0	956	544	267	68	53	37	7	
A	CAP-245a_F25	5.00	245	1	627	0.0	997	506	272	64	48	36	7	
A	CAP-245a_F25	5.00	245	2	629	0.0	911	490	262	72	50	37	7	
A	CAP-245a_F25	6.00	245	1	625	0.0	902	397	214	46	49	32	7	
A	CAP-245a_F25	6.00	245	2	631	0.0	837	461	212	56	52	33	7	

FWD readings Stage 1: 115,000 cycles

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	600	900	1200	1500	Air Temp
A	CAP-245a_F25	7.00	245	1	618	0.0	964	541	242	53	49	35	9	
A	CAP-245a_F25	7.00	245	2	622	0.0	885	466	239	60	53	37	7	
A	CAP-245a_F25	8.00	245	1	619	0.0	1013	480	269	60	51	33	8	
A	CAP-245a_F25	8.00	245	2	625	0.0	929	459	257	62	53	35	9	
A	CAP-245a_F25	9.00	245	1	623	0.0	1145	543	294	64	50	32	6	
A	CAP-245a_F25	9.00	245	2	627	0.0	1033	519	281	78	53	33	7	
A	CAP-245a_F25	10.00	245	1	613	0.0	1041	441	270	72	52	36	7	
A	CAP-245a_F25	10.00	245	2	619	0.0	956	443	260	82	55	38	7	
B	CAP-245a_F25	12.00	245	1	609	0.0	1015	461	278	67	55	38	8	
B	CAP-245a_F25	12.00	245	2	612	0.0	928	449	270	74	58	39	9	
B	CAP-245a_F25	13.00	245	1	615	0.0	821	453	267	82	51	40	9	
B	CAP-245a_F25	13.00	245	2	621	0.0	765	428	259	87	53	42	10	
B	CAP-245a_F25	14.00	245	1	612	0.0	884	416	276	78	54	40	9	
B	CAP-245a_F25	14.00	245	2	618	0.0	824	504	269	86	54	40	9	
B	CAP-245a_F25	15.00	245	1	614	0.0	808	430	268	89	54	39	8	
B	CAP-245a_F25	15.00	245	2	619	0.0	753	418	258	91	54	41	9	
B	CAP-245a_F25	16.00	245	1	618	0.0	765	426	259	73	48	36	8	
B	CAP-245a_F25	16.00	245	2	622	0.0	703	403	247	77	49	37	8	
B	CAP-245a_F25	17.00	245	1	617	0.0	858	430	288	80	52	38	8	
B	CAP-245a_F25	17.00	245	2	621	0.0	792	532	276	85	53	38	8	
B	CAP-245a_F25	18.00	245	1	608	0.0	1056	647	310	76	56	40	8	
B	CAP-245a_F25	18.00	245	2	612	0.0	971	598	301	82	58	40	7	
B	CAP-245a_F25	19.00	245	1	601	0.0	1372	922	405	67	52	36	8	
B	CAP-245a_F25	19.00	245	2	603	0.0	1248	708	388	87	57	39	7	

FWD readings Stage 1: 115,000 cycles

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	600	900	1200	1500	Air Temp
B	CAP-245a_F25	20.00	245	1	604	0.0	1295	698	340	54	62	41	10	
B	CAP-245a_F25	20.00	245	2	607	0.0	1170	613	323	79	66	43	10	
B	CAP-245a_F25	21.00	245	1	609	0.0	1373	809	408	66	52	37	8	
B	CAP-245a_F25	21.00	245	2	608	0.0	1229	745	389	81	60	40	17	
C	CAP-245a_F25	23.00	245	1	629	0.0	565	392	301	125	53	35	8	
C	CAP-245a_F25	23.00	245	2	633	0.0	529	376	286	123	54	37	8	
C	CAP-245a_F25	24.00	245	1	631	0.0	645	455	370	158	51	28	27	
C	CAP-245a_F25	24.00	245	2	636	0.0	604	429	348	158	55	30	26	
C	CAP-245a_F25	25.00	245	1	614	0.0	975	622	465	175	55	22	5	
C	CAP-245a_F25	25.00	245	2	618	0.0	903	575	436	169	58	27	7	
C	CAP-245a_F25	26.00	245	1	614	0.0	908	615	475	177	53	23	5	
C	CAP-245a_F25	26.00	245	2	622	0.0	838	629	442	172	57	28	6	
C	CAP-245a_F25	27.00	245	1	625	0.0	940	603	447	164	48	26	6	
C	CAP-245a_F25	27.00	245	2	628	0.0	861	547	414	161	53	29	7	
C	CAP-245a_F25	28.00	245	1	609	0.0	1490	748	473	142	40	22	7	
C	CAP-245a_F25	28.00	245	2	615	0.0	1352	620	450	146	48	26	8	
C	CAP-245a_F25	29.00	245	1	630	0.0	674	470	342	119	44	27	3	
C	CAP-245a_F25	29.00	245	2	634	0.0	625	422	321	118	47	29	4	
C	CAP-245a_F25	30.00	245	1	628	0.0	691	487	333	111	44	26	20	
C	CAP-245a_F25	30.00	245	2	632	0.0	636	462	314	112	46	28	21	
C	CAP-245a_F25	31.00	245	1	627	0.0	679	469	309	106	42	28	7	
C	CAP-245a_F25	31.00	245	2	631	0.0	632	443	294	106	45	29	7	
C	CAP-245a_F25	32.00	245	1	627	0.0	666	430	304	104	42	28	7	
C	CAP-245a_F25	32.00	245	2	633	0.0	624	412	290	106	45	30	8	

FWD readings Stage 1: 115,000 cycles

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	600	900	1200	1500	Air Temp
D	CAP-245a_F25	34.00	245	1	621	0.0	828	516	328	76	34	31	27	
D	CAP-245a_F25	34.00	245	2	626	0.0	764	489	307	87	42	34	28	
D	CAP-245a_F25	35.00	245	1	614	0.0	1140	609	438	82	20	25	6	
D	CAP-245a_F25	35.00	245	2	616	0.0	1036	577	409	98	37	30	8	
D	CAP-245a_F25	36.00	245	1	618	0.0	1070	652	405	71	22	26	7	
D	CAP-245a_F25	36.00	245	2	619	0.0	970	609	376	89	34	29	27	
D	CAP-245a_F25	37.00	245	1	606	0.0	900	544	378	80	32	28	24	
D	CAP-245a_F25	37.00	245	2	609	0.0	827	521	355	93	42	31	26	
D	CAP-245a_F25	38.00	245	1	608	0.0	947	565	354	79	32	28	24	
D	CAP-245a_F25	38.00	245	2	608	0.0	867	543	334	91	39	32	26	
D	CAP-245a_F25	39.00	245	1	611	0.0	845	536	310	86	41	32	7	
D	CAP-245a_F25	39.00	245	2	614	0.0	781	502	297	96	46	37	9	
D	CAP-245a_F25	40.00	245	1	609	0.0	726	468	272	74	43	33	8	
D	CAP-245a_F25	40.00	245	2	611	0.0	670	403	260	81	47	34	8	
D	CAP-245a_F25	41.00	245	1	610	0.0	717	420	272	79	46	35	26	
D	CAP-245a_F25	41.00	245	2	610	0.0	667	418	255	89	50	35	27	
D	CAP-245a_F25	42.00	245	1	610	0.0	688	426	285	78	42	36	12	
D	CAP-245a_F25	42.00	245	2	613	0.0	644	409	274	86	48	38	9	
D	CAP-245a_F25	43.00	245	1	610	0.0	695	329	263	83	50	35	28	
D	CAP-245a_F25	43.00	245	2	611	0.0	652	362	251	84	53	36	10	
E	CAP-245a_F25	44.00	245	1	605	0.0	674	445	266	90	54	38	27	
E	CAP-245a_F25	44.00	245	2	611	0.0	643	425	258	95	58	40	28	
E	CAP-245a_F25	45.00	245	1	615	0.0	714	426	273	100	55	40	28	
E	CAP-245a_F25	45.00	245	2	618	0.0	668	415	260	100	55	40	29	

FWD readings Stage 1: 115,000 cycles

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	600	900	1200	1500	Air Temp
E	CAP-245a_F25	46.00	245	1	618	0.0	639	395	259	91	54	42	8	
E	CAP-245a_F25	46.00	245	2	618	0.0	607	362	247	95	58	43	9	
E	CAP-245a_F25	47.00	245	1	610	0.0	581	372	244	79	47	38	8	
E	CAP-245a_F25	47.00	245	2	615	0.0	557	383	236	82	49	39	8	
E	CAP-245a_F25	48.00	245	1	611	0.0	570	398	242	82	45	34	7	
E	CAP-245a_F25	48.00	245	2	615	0.0	543	401	232	80	47	35	25	
E	CAP-245a_F25	49.00	245	1	621	0.0	582	346	248	86	52	36	7	
E	CAP-245a_F25	49.00	245	2	621	0.0	555	360	242	87	53	37	8	
E	CAP-245a_F25	50.00	245	1	614	0.0	625	367	256	97	50	39	8	
E	CAP-245a_F25	50.00	245	2	612	0.0	592	406	249	97	52	39	29	
E	CAP-245a_F25	51.00	245	1	617	0.0	645	384	291	98	49	35	27	
E	CAP-245a_F25	51.00	245	2	618	0.0	615	423	285	101	51	36	29	
E	CAP-245a_F25	52.00	245	1	610	0.0	592	335	239	94	53	39	8	
E	CAP-245a_F25	52.00	245	2	611	0.0	568	339	234	97	57	42	32	
E	CAP-245a_F25	53.00	245	1	618	0.0	622	447	270	98	51	39	27	
E	CAP-245a_F25	53.00	245	2	618	0.0	594	374	261	95	51	40	28	
E	CAP-245a_F25	54.00	245	1	609	0.0	641	404	268	96	50	35	15	
E	CAP-245a_F25	54.00	245	2	612	0.0	612	375	264	91	52	36	8	
E	CAP-245a_F25	55.00	245	1	618	0.0	528	326	224	88	51	38	8	
E	CAP-245a_F25	55.00	245	2	618	0.0	507	320	218	89	52	40	32	
E	CAP-245a_F25	56.00	245	1	617	0.0	558	374	228	84	51	37	8	
E	CAP-245a_F25	56.00	245	2	622	0.0	529	369	222	86	53	38	8	

FWD measurements Stage 2: Before Overlay – before initial trafficking

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	450	600	750	900	1200	1500	Air Temp
A	Chipseal preconditioning_F25	0.00	190	1	583	41.21	1594	880	422	150	86	66	49	35	25	17.8
A	Chipseal preconditioning_F25	1.00	190	1	568	40.15	1422	724	374	153	99	66	48	33	24	17.2
A	Chipseal preconditioning_F25	2.00	190	1	564	39.87	1326	645	376	149	84	61	47	36	23	17.5
A	Chipseal preconditioning_F25	3.00	190	1	566	40.01	1002	604	319	136	87	65	49	34	25	17.3
A	Chipseal preconditioning_F25	4.00	190	1	559	39.51	1034	601	328	137	81	62	47	32	24	17.7
A	Chipseal preconditioning_F25	5.00	190	1	554	39.16	1121	640	367	144	86	57	44	31	23	18.5
A	Chipseal preconditioning_F25	6.00	190	1	556	39.30	1350	687	365	147	80	57	43	36	23	17.7
A	Chipseal preconditioning_F25	7.00	190	1	553	39.09	1498	799	342	145	89	63	44	32	24	17.7
A	Chipseal preconditioning_F25	8.00	190	1	549	38.81	1653	809	423	174	112	78	47	22	14	17.7
B	Chipseal preconditioning_F25	10.00	190	1	531	37.53	1918	988	554	195	110	78	58	33	25	17.6
B	Chipseal preconditioning_F25	11.00	190	1	536	37.89	1596	886	476	184	108	77	52	33	25	17.7
B	Chipseal preconditioning_F25	12.00	190	1	540	38.17	1793	921	429	147	90	64	51	30	24	18
B	Chipseal preconditioning_F25	13.00	190	1	538	38.03	1688	745	363	143	90	61	50	33	25	18
B	Chipseal preconditioning_F25	14.00	190	1	541	38.24	1586	828	358	178	100	72	49	33	25	17.9
B	Chipseal preconditioning_F25	15.00	190	1	531	37.53	1829	878	436	168	94	62	45	32	23	18
B	Chipseal preconditioning_F25	16.00	190	1	541	38.24	1683	823	385	176	95	74	57	37	28	18
B	Chipseal preconditioning_F25	17.00	190	1	533	37.68	1724	842	443	176	106	68	53	39	28	18
B	Chipseal preconditioning_F25	18.00	190	1	542	38.31	1575	828	481	183	102	71	55	37	27	18.1
B	Chipseal preconditioning_F25	19.00	190	1	532	37.60	1781	952	498	189	110	76	52	38	25	18.4
C	Chipseal preconditioning_F25	25.00	190	1	503	35.55	2050	1247	793	349	121	33	12	16	23	18.6
C	Chipseal preconditioning_F25	26.00	190	1	489	34.57	2137	1175	692	264	79	16	9	15	18	18.5
C	Chipseal preconditioning_F25	27.00	190	1	509	35.98	1766	1077	663	288	117	43	28	21	19	19
C	Chipseal preconditioning_F25	28.00	190	1	521	36.83	1541	835	551	250	117	69	43	26	23	18.5
C	Chipseal preconditioning_F25	29.00	190	1	507	35.84	1648	1008	660	271	107	50	31	27	24	18.6
C	Chipseal preconditioning_F25	30.00	190	1	521	36.83	1383	790	499	236	122	65	46	33	24	18.8
C	Chipseal preconditioning_F25	31.00	190	1	529	37.39	1156	705	448	197	112	68	44	33	26	18.5
C	Chipseal preconditioning_F25	32.00	190	1	534	37.75	1043	611	358	182	102	70	56	31	22	18.5

FWD measurements Stage 2: Before Overlay – before initial trafficking

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	450	600	750	900	1200	1500	Air Temp
C	Chipseal preconditioning_F25	33.00	190	1	540	38.17	1004	577	358	186	113	78	63	36	23	19
C	Chipseal preconditioning_F25	33.00	190	1	532	37.60	1118	622	353	175	95	55	38	30	23	18.9
C	Chipseal preconditioning_F25	34.00	190	1	525	37.11	1280	758	487	226	99	49	30	24	19	18.8
C	Chipseal preconditioning_F25	35.00	190	1	514	36.33	1563	906	528	238	75	22	2	20	17	18.3
C	Chipseal preconditioning_F25	36.00	190	1	514	36.33	1546	770	433	177	64	36	25	20	19	18.1
C	Chipseal preconditioning_F25	37.00	190	1	517	36.54	1346	734	446	197	79	44	29	23	20	18.7
D	Chipseal preconditioning_F25	39.00	190	1	535	37.82	1093	672	446	202	93	53	33	26	21	18.5
D	Chipseal preconditioning_F25	40.00	190	1	529	37.39	1380	810	542	251	101	45	27	26	21	18.8
D	Chipseal preconditioning_F25	41.00	190	1	517	36.54	1552	901	591	158	73	37	28	25	20	18.5
D	Chipseal preconditioning_F25	42.00	190	1	518	36.62	1303	707	417	189	92	53	43	25	23	18.4
D	Chipseal preconditioning_F25	43.00	190	1	520	36.76	1255	715	439	203	103	62	41	30	23	18.8
D	Chipseal preconditioning_F25	44.00	190	1	519	36.69	1430	907	539	247	114	53	36	24	20	18.5
D	Chipseal preconditioning_F25	45.00	190	1	529	37.39	1441	910	578	258	128	72	34	31	27	18.7
D	Chipseal preconditioning_F25	46.00	190	1	514	36.33	1656	1119	696	307	134	60	27	24	24	18.6
D	Chipseal preconditioning_F25	47.00	190	1	518	36.62	1676	1121	658	257	94	36	22	23	24	18.7
D	Chipseal preconditioning_F25	48.00	190	1	523	36.97	1415	874	581	227	99	38	20	22	23	18.8
D	Chipseal preconditioning_F25	49.00	190	1	532	37.60	1574	1013	627	288	112	35	11	11	20	18.5
D	Chipseal preconditioning_F25	50.00	190	1	529	37.39	1583	1020	685	314	132	47	17	20	18	18.7
D	Chipseal preconditioning_F25	51.00	190	1	503	35.55	1891	1141	708	296	72	0	0	2	14	18.9
D	Chipseal preconditioning_F25	52.00	190	1	525	37.11	1687	969	609	272	88	17	1	10	18	18.9
D	Chipseal preconditioning_F25	53.00	190	1	539	38.10	1310	730	460	194	88	57	46	33	23	18.5
D	Chipseal preconditioning_F25	53.00	190	1	523	36.97	1664	956	575	264	91	24	5	22	20	18.9
D	Chipseal preconditioning_F25	54.00	190	1	522	36.90	1716	892	439	142	84	59	44	30	25	18.7
D	Chipseal preconditioning_F25	54.00	190	1	527	37.25	1722	788	498	203	84	48	36	31	20	18.9
A	Chipseal preconditioning_F25	56.00	190	1	528	37.32	1527	644	345	153	96	69	46	32	23	18.4
A	Chipseal preconditioning_F25	57.00	190	1	527	37.25	1477	688	276	144	91	60	46	35	21	18.5

Stage 2 FWD Measurements: After Overlay – pre initial trafficking

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	450	600	750	900	1200	1500	Air Temp
A	CAP-190-1_F25	0.00	190	2	616	43.54	1086	587	304	152	98	67	50	32	22	10
A	CAP-190-1_F25	0.00	190	1	616	43.54	1483	689	345	167	97	65	48	31	21	10
A	CAP-190-1_F25	1.00	190	2	605	42.76	903	529	301	136	85	65	49	32	23	10
A	CAP-190-1_F25	1.00	190	1	601	42.48	1025	592	326	141	84	62	47	31	22	10
A	CAP-190-1_F25	2.00	190	1	608	42.98	1089	641	322	154	90	65	52	33	25	10
A	CAP-190-1_F25	2.00	190	2	613	43.33	966	585	302	150	93	67	54	36	26	10
A	CAP-190-1_F25	3.00	190	2	615	43.47	775	476	260	127	85	66	54	34	25	10
A	CAP-190-1_F25	3.00	190	1	608	42.98	856	519	302	129	82	63	50	32	24	10
A	CAP-190-1_F25	4.00	190	1	613	43.33	869	542	320	136	79	59	56	35	22	10
A	CAP-190-1_F25	4.00	190	2	614	43.40	778	490	298	134	83	62	49	36	22	10
A	CAP-190-1_F25	5.00	190	2	620	43.83	855	489	303	151	79	55	48	33	24	10
A	CAP-190-1_F25	5.00	190	1	611	43.19	956	534	321	153	74	51	45	33	23	10
A	CAP-190-1_F25	6.00	190	1	616	43.54	1049	604	338	148	85	60	47	32	24	10
A	CAP-190-1_F25	6.00	190	2	623	44.04	948	565	323	146	89	65	51	35	26	10
A	CAP-190-1_F25	7.00	190	1	618	43.68	1140	580	303	147	94	65	52	32	26	10
A	CAP-190-1_F25	7.00	190	2	621	43.90	1007	529	287	148	98	63	54	35	27	10
B	CAP-190-1_F25	11.00	190	1	604	42.69	1330	745	392	190	118	80	57	35	26	10
B	CAP-190-1_F25	11.00	190	2	624	44.11	1201	693	380	197	125	87	64	39	27	10
B	CAP-190-1_F25	12.00	190	2	625	44.18	1111	620	324	156	103	78	58	38	30	10
B	CAP-190-1_F25	12.00	190	1	617	43.61	1241	677	334	155	97	71	53	34	28	10
B	CAP-190-1_F25	13.00	190	1	612	43.26	1060	607	331	150	98	74	56	35	26	10
B	CAP-190-1_F25	13.00	190	2	618	43.68	968	562	314	146	100	74	57	34	28	10
B	CAP-190-1_F25	14.00	190	1	616	43.54	1121	560	275	149	95	86	56	32	25	10
B	CAP-190-1_F25	14.00	190	2	617	43.61	997	517	269	152	100	88	60	35	27	10
B	CAP-190-1_F25	15.00	190	1	618	43.68	1136	625	301	170	108	74	53	34	25	10
B	CAP-190-1_F25	15.00	190	2	626	44.25	1007	566	288	172	114	80	58	37	26	10

Stage 2 FWD Measurements: After Overlay – pre initial trafficking

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	450	600	750	900	1200	1500	Air Temp
B	CAP-190-1_F25	16.00	190	1	609	43.05	1059	581	298	143	95	71	54	36	26	10
B	CAP-190-1_F25	16.00	190	2	620	43.83	967	546	290	148	101	76	58	38	28	10
B	CAP-190-1_F25	17.00	190	1	611	43.19	1313	622	335	168	106	72	54	38	28	10
B	CAP-190-1_F25	17.00	190	2	617	43.61	1178	570	315	168	110	76	57	40	28	10
B	CAP-190-1_F25	18.00	190	1	614	43.40	1165	616	331	156	100	75	58	40	28	10
B	CAP-190-1_F25	18.00	190	2	619	43.75	1058	573	317	156	102	78	62	44	29	10
B	CAP-190-1_F25	19.00	190	1	610	43.12	1477	809	387	156	96	68	52	37	27	10
B	CAP-190-1_F25	19.00	190	2	619	43.75	1319	759	391	175	110	79	61	43	29	10
C	CAP-190-1_F25	25.00	190	1	577	40.79	1845	1187	802	427	205	62	1	0	22	10
C	CAP-190-1_F25	25.00	190	2	599	42.34	1653	1087	751	401	214	89	29	11	23	10
C	CAP-190-1_F25	26.00	190	1	603	42.62	1615	1078	635	316	148	68	40	21	20	10
C	CAP-190-1_F25	26.00	190	2	651	46.02	1484	995	611	324	168	88	55	26	22	10
C	CAP-190-1_F25	27.00	190	1	619	43.75	1395	883	555	297	147	76	44	30	25	10
C	CAP-190-1_F25	27.00	190	2	638	45.10	1186	772	509	291	158	89	51	33	27	10
C	CAP-190-1_F25	28.00	190	1	625	44.18	1140	740	449	221	123	77	56	32	26	10
C	CAP-190-1_F25	28.00	190	2	644	45.52	1008	669	424	224	133	90	65	38	30	10
C	CAP-190-1_F25	29.00	190	2	638	45.10	1173	727	457	251	143	92	62	39	35	10
C	CAP-190-1_F25	29.00	190	1	612	43.26	1336	811	488	253	138	78	50	34	34	10
C	CAP-190-1_F25	30.00	190	1	625	44.18	1154	689	409	188	115	71	53	35	28	10
C	CAP-190-1_F25	30.00	190	2	636	44.96	999	617	377	191	124	80	61	39	30	10
C	CAP-190-1_F25	31.00	190	1	621	43.90	1202	714	447	230	130	78	55	38	30	10
C	CAP-190-1_F25	31.00	190	2	631	44.60	1056	645	415	224	135	84	62	41	31	10
C	CAP-190-1_F25	32.00	190	1	613	43.33	994	633	383	195	110	77	54	35	26	10
C	CAP-190-1_F25	32.00	190	2	640	45.24	885	583	363	197	120	87	61	40	29	10
C	CAP-190-1_F25	33.00	190	1	613	43.33	1064	635	383	189	105	69	50	33	25	10
C	CAP-190-1_F25	33.00	190	2	638	45.10	948	583	367	193	115	80	60	37	25	10

Stage 2 FWD Measurements: After Overlay – pre initial trafficking

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	450	600	750	900	1200	1500	Air Temp
C	CAP-190-1_F25	34.00	190	1	627	44.32	1121	683	401	219	117	65	45	28	23	10
C	CAP-190-1_F25	34.00	190	2	634	44.81	956	591	362	208	122	74	52	31	24	10
C	CAP-190-1_F25	35.00	190	1	624	44.11	1250	790	480	244	122	56	39	21	25	10
C	CAP-190-1_F25	35.00	190	2	636	44.96	1052	693	436	238	131	72	51	26	28	10
C	CAP-190-1_F25	36.00	190	1	620	43.83	1841	776	434	218	107	56	39	28	24	10
C	CAP-190-1_F25	36.00	190	2	636	44.96	1112	668	392	211	117	67	49	32	23	10
D	CAP-190-1_F25	40.00	190	1	618	43.68	1363	793	475	230	100	47	38	22	23	10
D	CAP-190-1_F25	40.00	190	2	636	44.96	1181	706	442	230	113	63	46	28	27	10
D	CAP-190-1_F25	41.00	190	1	622	43.97	1407	812	442	203	97	49	37	25	23	10
D	CAP-190-1_F25	41.00	190	2	636	44.96	1184	723	413	207	114	65	48	30	25	10
D	CAP-190-1_F25	42.00	190	1	609	43.05	1268	712	458	250	134	72	53	36	36	10
D	CAP-190-1_F25	42.00	190	2	640	45.24	1125	650	434	245	142	87	60	37	28	10
D	CAP-190-1_F25	43.00	190	1	621	43.90	1252	810	481	248	139	88	45	44	26	10
D	CAP-190-1_F25	43.00	190	2	632	44.67	1085	700	429	236	147	96	59	46	28	10
D	CAP-190-1_F25	44.00	190	1	613	43.33	1343	878	490	252	132	75	51	32	25	10
D	CAP-190-1_F25	44.00	190	2	636	44.96	1181	770	448	252	143	88	63	37	28	10
D	CAP-190-1_F25	45.00	190	1	608	42.98	1374	887	535	278	145	86	40	27	26	10
D	CAP-190-1_F25	45.00	190	2	631	44.60	1194	788	497	277	155	88	54	33	28	10
D	CAP-190-1_F25	46.00	190	1	612	43.26	1444	977	605	297	133	62	29	23	25	10
D	CAP-190-1_F25	46.00	190	2	636	44.96	1276	875	564	299	149	80	47	28	26	10
D	CAP-190-1_F25	47.00	190	2	640	45.24	1241	801	491	247	123	60	41	26	23	10
D	CAP-190-1_F25	47.00	190	1	603	42.62	1401	893	522	242	105	44	31	22	22	10
D	CAP-190-1_F25	48.00	190	1	628	44.39	1377	908	547	269	131	61	35	24	21	10
D	CAP-190-1_F25	48.00	190	2	642	45.38	1164	771	483	255	138	76	48	30	22	10
D	CAP-190-1_F25	49.00	190	1	616	43.54	1502	978	566	297	139	58	27	19	20	10
D	CAP-190-1_F25	49.00	190	2	637	45.03	1297	863	506	288	149	76	40	25	23	10

Stage 2 FWD Measurements: After Overlay – pre initial trafficking

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	450	600	750	900	1200	1500	Air Temp
D	CAP-190-1_F25	50.00	190	1	620	43.83	1454	1014	625	333	165	75	35	20	19	10
D	CAP-190-1_F25	50.00	190	2	639	45.17	1263	884	565	320	171	92	51	25	22	10
D	CAP-190-1_F25	51.00	190	1	592	41.85	1686	956	535	240	105	35	12	15	20	10
D	CAP-190-1_F25	51.00	190	2	636	44.96	1493	899	525	254	128	60	30	20	22	10
D	CAP-190-1_F25	52.00	190	1	600	42.41	1601	944	559	280	120	52	18	19	23	10
D	CAP-190-1_F25	52.00	190	2	636	44.96	1385	837	516	283	138	69	34	24	25	10
D	CAP-190-1_F25	53.00	190	1	633	44.74	1230	659	390	197	99	66	56	33	26	10
D	CAP-190-1_F25	53.00	190	2	646	45.66	1017	586	366	199	110	78	68	39	28	10
A	CAP-190-1_F25	56.00	190	1	621	43.90	1371	620	331	176	118	75	53	35	25	10
A	CAP-190-1_F25	56.00	190	2	628	44.39	1222	565	313	174	120	80	58	38	26	10
A	CAP-190-1_F25	57.00	190	1	596	42.13	1184	569	296	149	90	63	45	30	41	10
A	CAP-190-1_F25	57.00	190	2	613	43.33	1076	536	289	149	96	73	49	33	30	10

Stage 2 FWD Measurements: After Overlay – after initial trafficking

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	450	600	750	900	1200	1500	Air Temp
A	CAP-190-2_F25	0.00	190	1	625	44.18	1088	599	317	122	72	53	43	36	24	11
A	CAP-190-2_F25	0.00	190	2	617	43.61	959	550	303	127	77	55	44	33	23	11
A	CAP-190-2_F25	1.00	190	1	615	43.47	855	471	258	120	73	53	42	29	22	11
A	CAP-190-2_F25	1.00	190	2	615	43.47	811	453	258	127	80	57	45	31	22	11
A	CAP-190-2_F25	2.00	190	2	617	43.61	854	464	273	133	78	58	48	33	25	11
A	CAP-190-2_F25	2.00	190	1	616	43.54	908	482	279	127	73	56	46	31	24	11
A	CAP-190-2_F25	3.00	190	1	619	43.75	791	431	235	110	76	58	45	30	23	11
A	CAP-190-2_F25	3.00	190	2	625	44.18	747	412	231	116	83	62	49	33	24	11
A	CAP-190-2_F25	4.00	190	1	603	42.62	842	437	235	109	71	54	46	34	23	11
A	CAP-190-2_F25	4.00	190	2	614	43.40	804	423	238	123	82	59	52	35	24	11
A	CAP-190-2_F25	5.00	190	1	621	43.90	893	456	255	119	68	48	42	34	25	11
A	CAP-190-2_F25	5.00	190	2	620	43.83	838	436	251	126	75	53	46	32	23	11
A	CAP-190-2_F25	6.00	190	1	624	44.11	858	493	291	137	78	51	51	32	23	11
A	CAP-190-2_F25	6.00	190	2	625	44.18	819	472	285	142	82	55	49	32	24	11
A	CAP-190-2_F25	7.00	190	1	617	43.61	799	450	258	126	76	54	44	31	23	11
A	CAP-190-2_F25	7.00	190	2	623	44.04	760	435	261	134	81	59	50	34	25	11
B	CAP-190-2_F25	11.00	190	2	618	43.68	1100	628	376	197	115	74	64	42	30	11
B	CAP-190-2_F25	11.00	190	1	609	43.05	1161	653	377	182	107	64	54	47	29	11
B	CAP-190-2_F25	12.00	190	1	616	43.54	1133	587	308	133	84	59	46	33	28	11
B	CAP-190-2_F25	12.00	190	2	622	43.97	1069	578	328	155	101	69	50	38	30	11
B	CAP-190-2_F25	13.00	190	1	626	44.25	1016	527	285	127	73	56	46	33	26	11
B	CAP-190-2_F25	13.00	190	2	626	44.25	950	508	292	139	84	61	51	35	28	11
B	CAP-190-2_F25	14.00	190	1	616	43.54	986	521	255	128	79	57	45	32	26	11
B	CAP-190-2_F25	14.00	190	2	620	43.83	932	505	264	143	89	65	49	35	28	11
B	CAP-190-2_F25	15.00	190	1	619	43.75	964	534	294	140	83	61	50	34	25	11
B	CAP-190-2_F25	15.00	190	2	623	44.04	906	511	296	154	94	67	53	37	26	11

Stage 2 FWD Measurements: After Overlay – after initial trafficking

Section	FileName	Station	RAM	Drop No	Stress	Load	0	200	300	450	600	750	900	1200	1500	Air Temp
B	CAP-190-2_F25	16.00	190	2	627	44.32	865	476	279	148	93	70	54	38	27	11
B	CAP-190-2_F25	16.00	190	1	623	44.04	915	494	278	139	85	63	52	35	26	11
B	CAP-190-2_F25	17.00	190	2	618	43.68	939	555	318	164	100	70	38	36	27	11
B	CAP-190-2_F25	17.00	190	1	618	43.68	993	584	323	155	93	64	47	34	27	11
B	CAP-190-2_F25	18.00	190	2	622	43.97	988	525	309	154	91	68	56	38	28	11
B	CAP-190-2_F25	18.00	190	1	613	43.33	1041	537	302	137	78	59	49	33	25	11
B	CAP-190-2_F25	19.00	190	2	618	43.68	1158	675	411	188	89	58	49	33	26	11
B	CAP-190-2_F25	19.00	190	1	614	43.40	1236	697	391	141	61	45	40	28	24	11
C	CAP-190-2_F25	25.00	190	1	592	41.85	1594	1063	703	325	100	1	0	0	7	11
C	CAP-190-2_F25	25.00	190	2	613	43.33	1493	1034	710	360	148	41	0	0	13	11
C	CAP-190-2_F25	26.00	190	1	608	42.98	1607	1013	650	299	93	0	0	0	14	11
C	CAP-190-2_F25	26.00	190	2	618	43.68	1431	940	633	328	147	48	3	3	19	11
C	CAP-190-2_F25	27.00	190	1	617	43.61	1311	940	603	289	108	23	0	7	20	11
C	CAP-190-2_F25	27.00	190	2	624	44.11	1187	878	587	311	149	71	35	23	23	11
C	CAP-190-2_F25	28.00	190	1	623	44.04	1123	727	492	225	90	32	22	24	23	11
C	CAP-190-2_F25	28.00	190	2	631	44.60	1036	686	481	244	123	66	50	31	26	11
C	CAP-190-2_F25	29.00	190	1	615	43.47	1053	686	448	229	101	45	30	24	25	11
C	CAP-190-2_F25	29.00	190	2	619	43.75	997	662	446	247	130	73	49	33	29	11
C	CAP-190-2_F25	30.00	190	1	619	43.75	1040	672	430	208	91	44	34	29	27	11
C	CAP-190-2_F25	30.00	190	2	623	44.04	977	644	424	225	120	70	51	35	29	11
C	CAP-190-2_F25	31.00	190	1	613	43.33	1144	729	447	201	87	45	40	28	25	11
C	CAP-190-2_F25	31.00	190	2	618	43.68	1093	713	452	226	121	72	52	35	28	11
C	CAP-190-2_F25	32.00	190	2	621	43.90	935	657	413	209	117	73	55	34	28	11
C	CAP-190-2_F25	32.00	190	1	632	44.67	1010	692	425	198	92	51	38	28	25	11