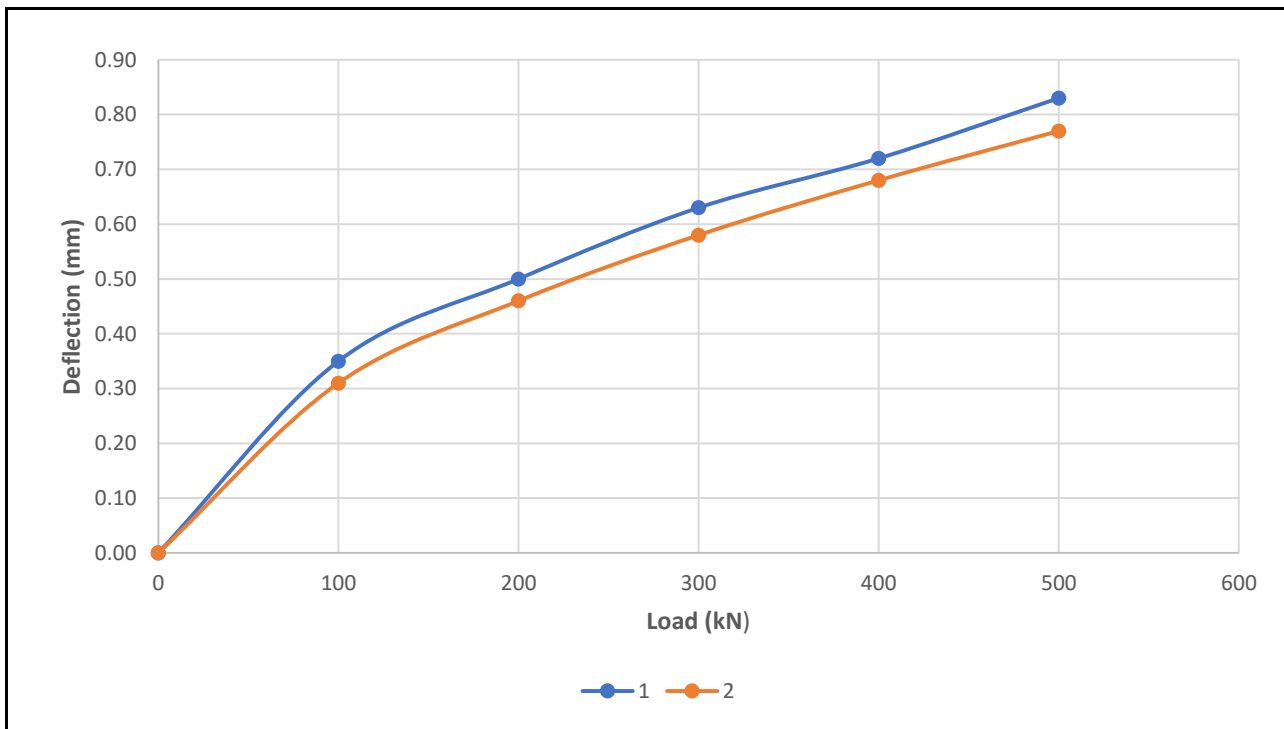




SHIM LOADING TEST CERTIFICATE

Report No.:	45535/1
Job No.:	PN45535
Client:	Techmarkets
Test Specification:	Load test up to 500kN in 100kN increments. Deflection measured at each increment and after unload.
Date Tested:	Dec-19
Date Reported:	30-12-19
Sample Reference:	2 H/S
Dimensions:	70x70x2mm
Test Technician:	Dimitri Golovanov



Load (kN)		0	100	200	300	400	500	0
Deflection (mm)	1	0.00	0.35	0.50	0.63	0.72	0.83	0.03
	2	0.00	0.31	0.46	0.58	0.68	0.77	0.02

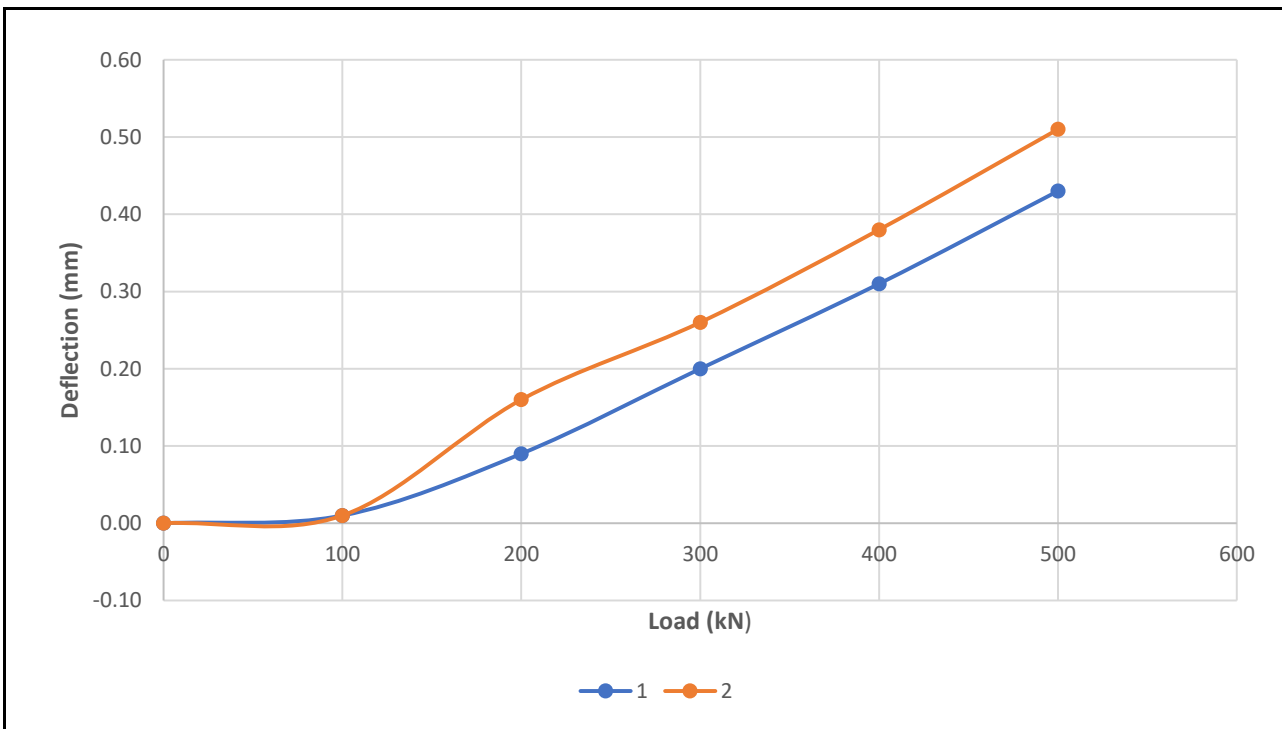
Approved Signature
James Fisher Testing Services
Dimitri Golovanov





SHIM LOADING TEST CERTIFICATE

Report No.:	45535/1
Job No.:	PN45535
Client:	Techmarkets
Test Specification:	Load test up to 500kN in 100kN increments. Deflection measured at each increment and after unload.
Date Tested:	Dec-19
Date Reported:	30-12-19
Sample Reference:	3 H/s
Dimensions:	70x70x3mm
Test Technician:	Dimitri Golovanov



Load (kN)		0	100	200	300	400	500	0
Deflection (mm)	1	0.00	0.01	0.09	0.20	0.31	0.43	0.07
	2	0.00	0.01	0.16	0.26	0.38	0.51	0.12

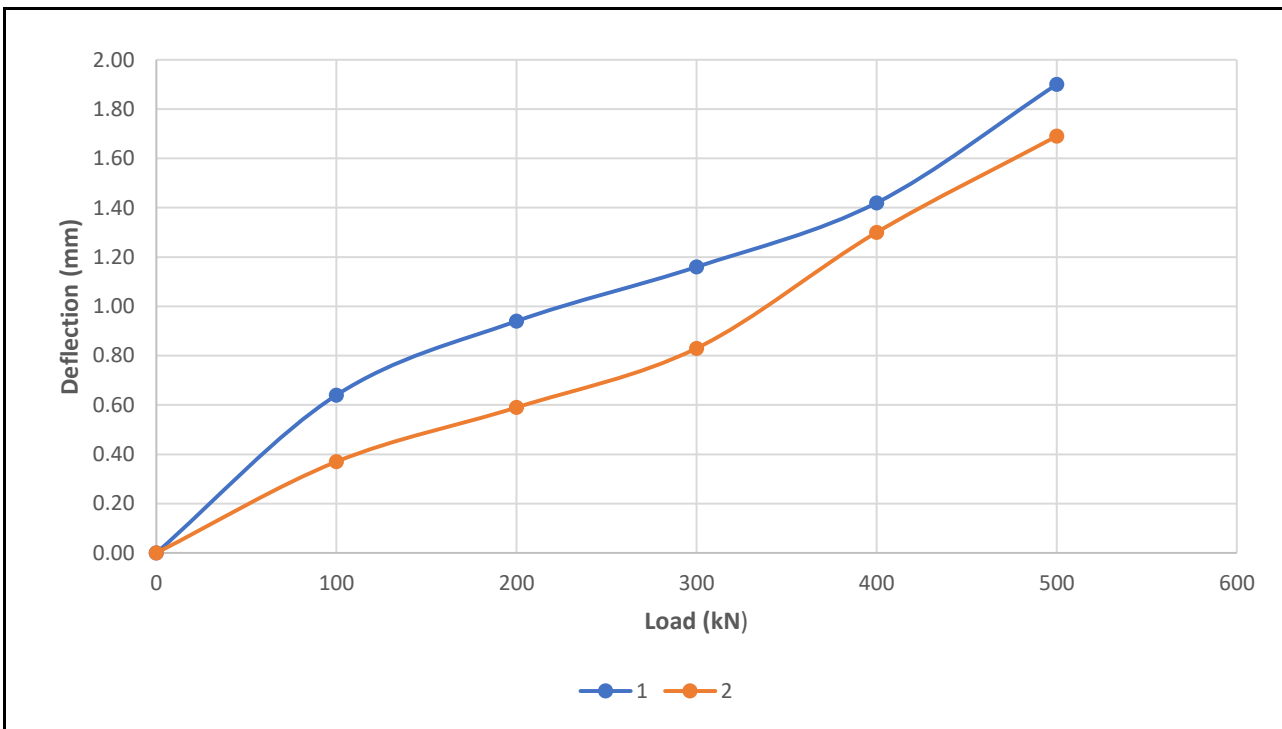
Approved Signature
James Fisher Testing Services
Dimitri Golovanov





SHIM LOADING TEST CERTIFICATE

Report No.:	45535/1
Job No.:	PN45535
Client:	Techmarkets
Test Specification:	Load test up to 500kN in 100kN increments. Deflection measured at each increment and after unload.
Date Tested:	Dec-19
Date Reported:	30-12-19
Sample Reference:	5 H/S
Dimensions:	70x70x5mm
Test Technician:	Dimitri Golovanov



Load (kN)		0	100	200	300	400	500	0
Deflection (mm)	1	0.00	0.64	0.94	1.16	1.42	1.90	0.44
	2	0.00	0.37	0.59	0.83	1.30	1.69	0.75

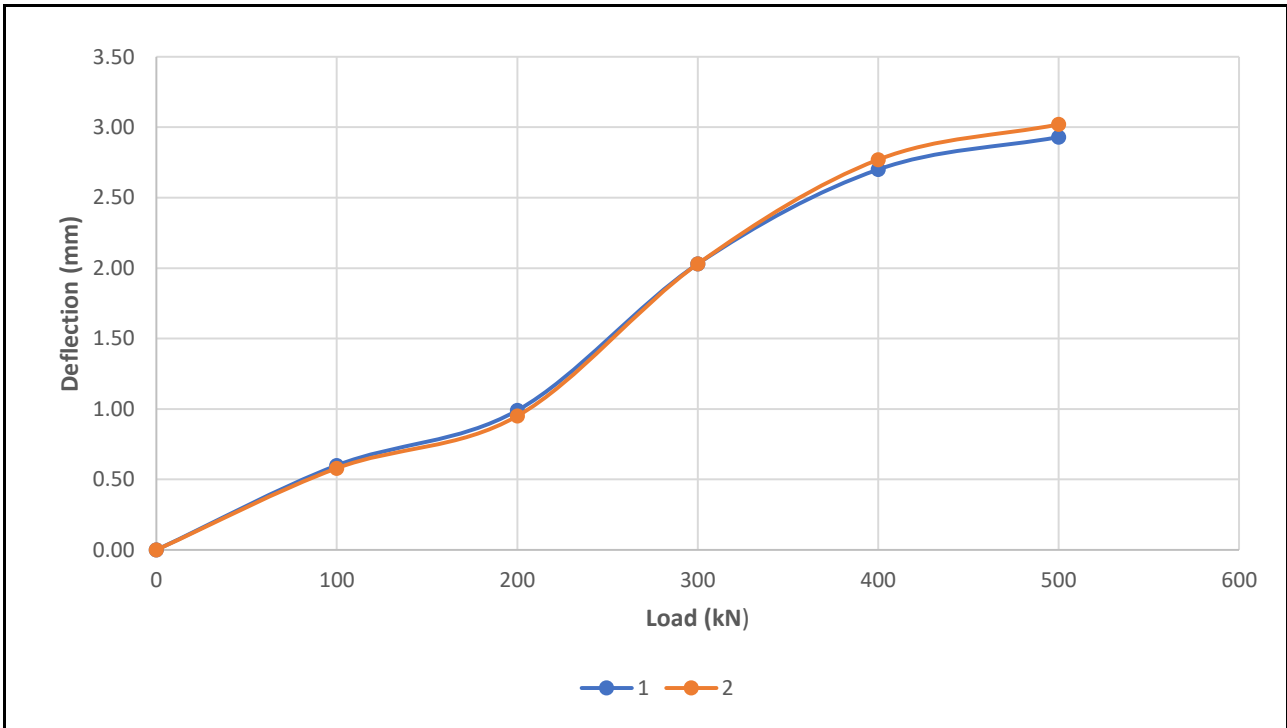
Approved Signature
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Dimitri Golovanov





SHIM LOADING TEST CERTIFICATE

Report No.:	45535/1
Job No.:	PN45535
Client:	Techmarkets
Test Specification:	Load test up to 500kN in 100kN increments. Deflection measured at each increment and after unload.
Date Tested:	Dec-19
Date Reported:	30-12-19
Sample Reference:	7 H/S
Dimensions:	70x70x7mm
Test Technician:	Dimitri Golovanov



Load (kN)		0	100	200	300	400	500	0
Deflection (mm)	1	0.00	0.60	0.99	2.03	2.70	2.93	1.78
	2	0.00	0.58	0.95	2.03	2.77	3.02	1.80

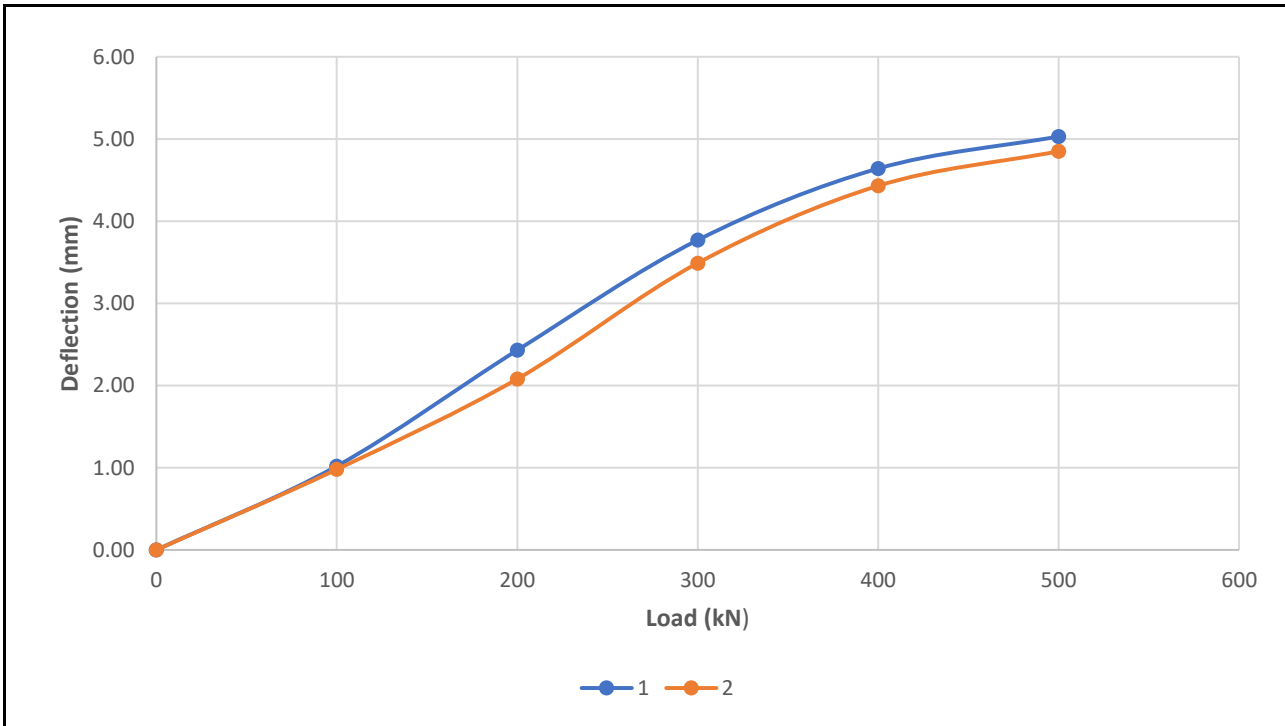
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Report No.:	45535/1
Job No.:	PN45535
Client:	Techmarkets
Test Specification:	Load test up to 500kN in 100kN increments. Deflection measured at each increment and after unload.
Date Tested:	Dec-19
Date Reported:	30-12-19
Sample Reference:	9 H/S
Dimensions:	70x70x9mm
Test Technician:	Dimitri Golovanov



Load (kN)		0	100	200	300	400	500	0
Deflection (mm)	1	0.00	1.02	2.43	3.77	4.64	5.03	3.26
	2	0.00	0.98	2.08	3.49	4.43	4.85	3.38

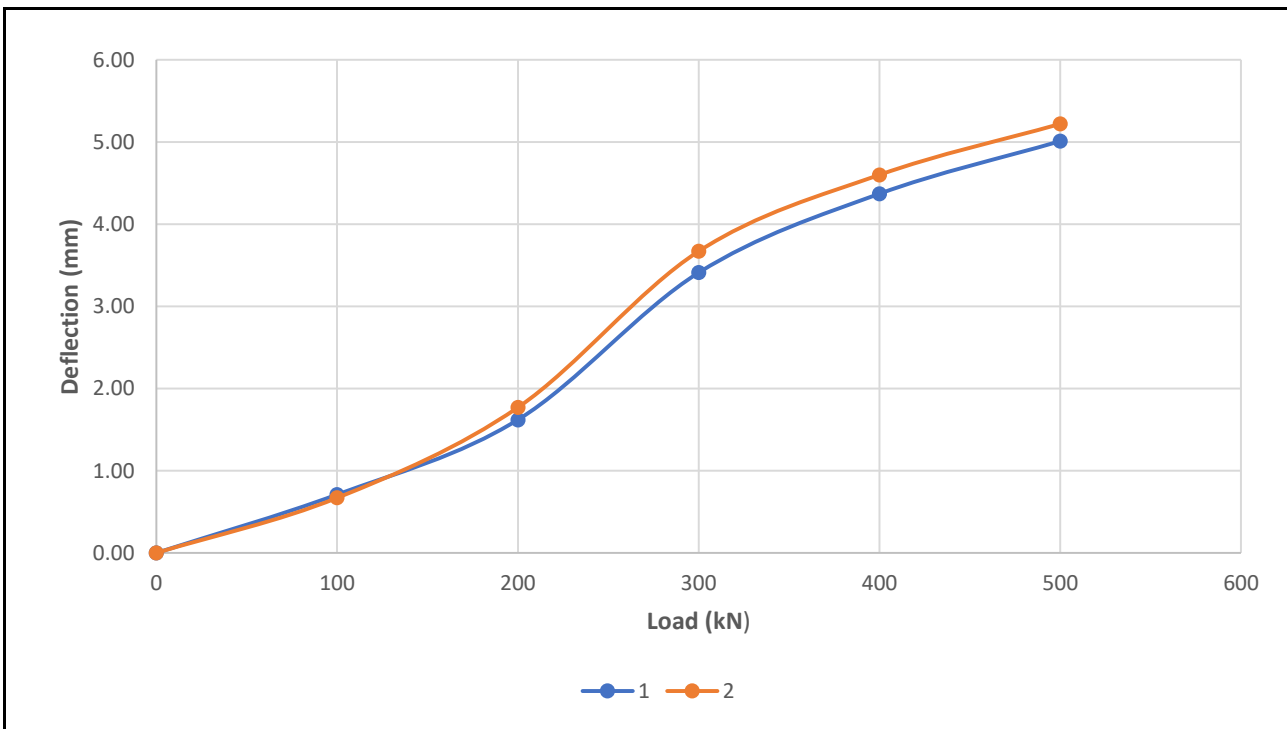
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Report No.:	45535/1
Job No.:	PN45535
Client:	Techmarkets
Test Specification:	Load test up to 500kN in 100kN increments. Deflection measured at each increment and after unload.
Date Tested:	Dec-19
Date Reported:	30-12-19
Sample Reference:	10 H/S
Dimensions:	70x70x10mm
Test Technician:	Dimitri Golovanov



Load (kN)		0	100	200	300	400	500	0
Deflection (mm)	1	0.00	0.71	1.62	3.41	4.37	5.01	3.32
	2	0.00	0.67	1.77	3.67	4.60	5.22	3.62

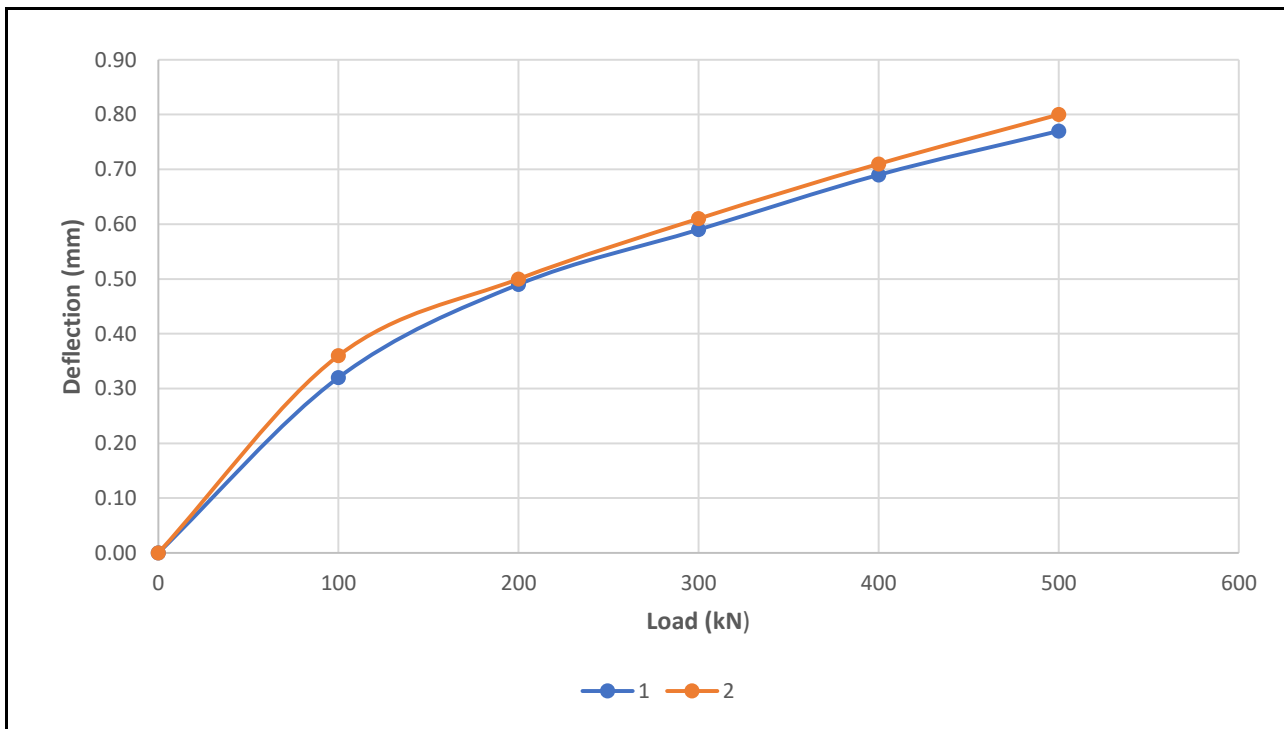
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Job No.:	PN45535
Client:	Techmarkets
Test Specification:	Load test up to 500kN in 100kN increments. Deflection measured at each increment and after unload.
Date Tested:	Dec-19
Date Reported:	30-12-19
Sample Reference:	2 Sq
Dimensions:	70x70x2mm
Test Technician:	Dimitri Golovanov



Load (kN)		0	100	200	300	400	500	0
Deflection (mm)	1	0.00	0.32	0.49	0.59	0.69	0.77	0.03
	2	0.00	0.36	0.50	0.61	0.71	0.80	0.03

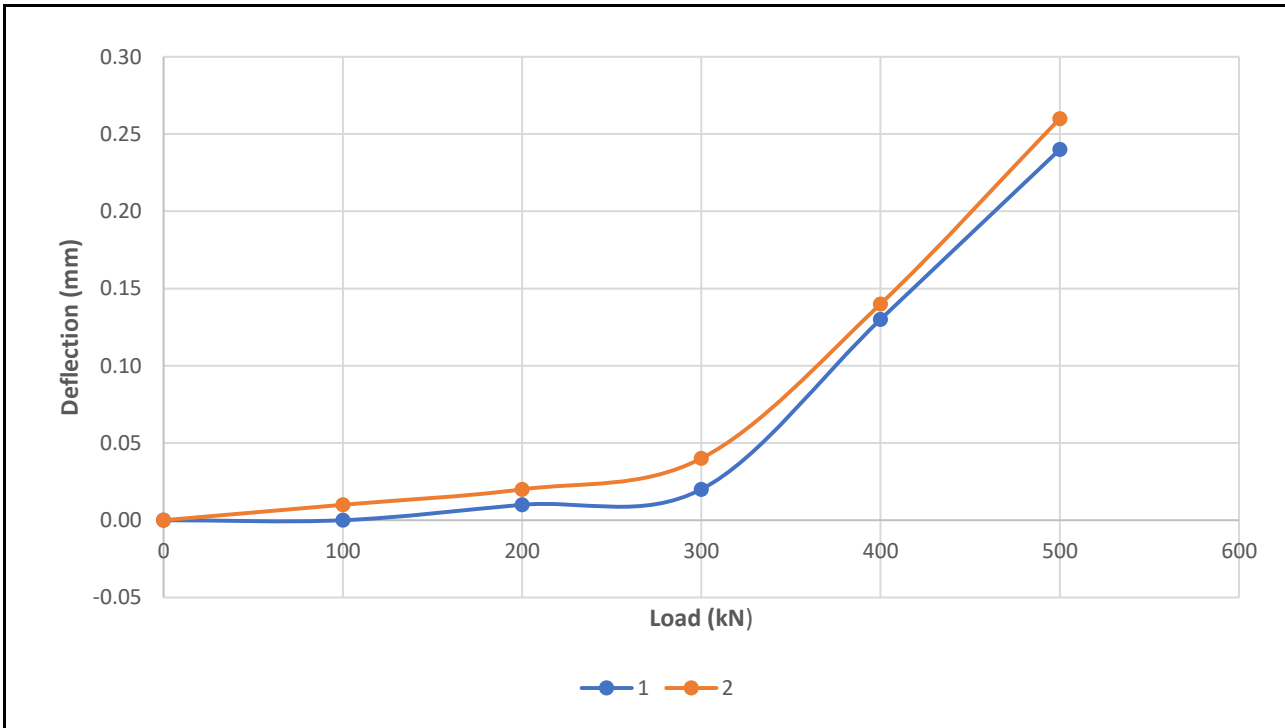
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Date Tested:	Dec-19
Date Reported:	30-12-19
Sample Reference:	3 Sq
Dimensions:	70x70x3mm
Test Technician:	Dimitri Golovanov



Load (kN)		0	100	200	300	400	500	0
Deflection (mm)	1	0.00	0.00	0.01	0.02	0.13	0.24	0.07
	2	0.00	0.01	0.02	0.04	0.14	0.26	0.05

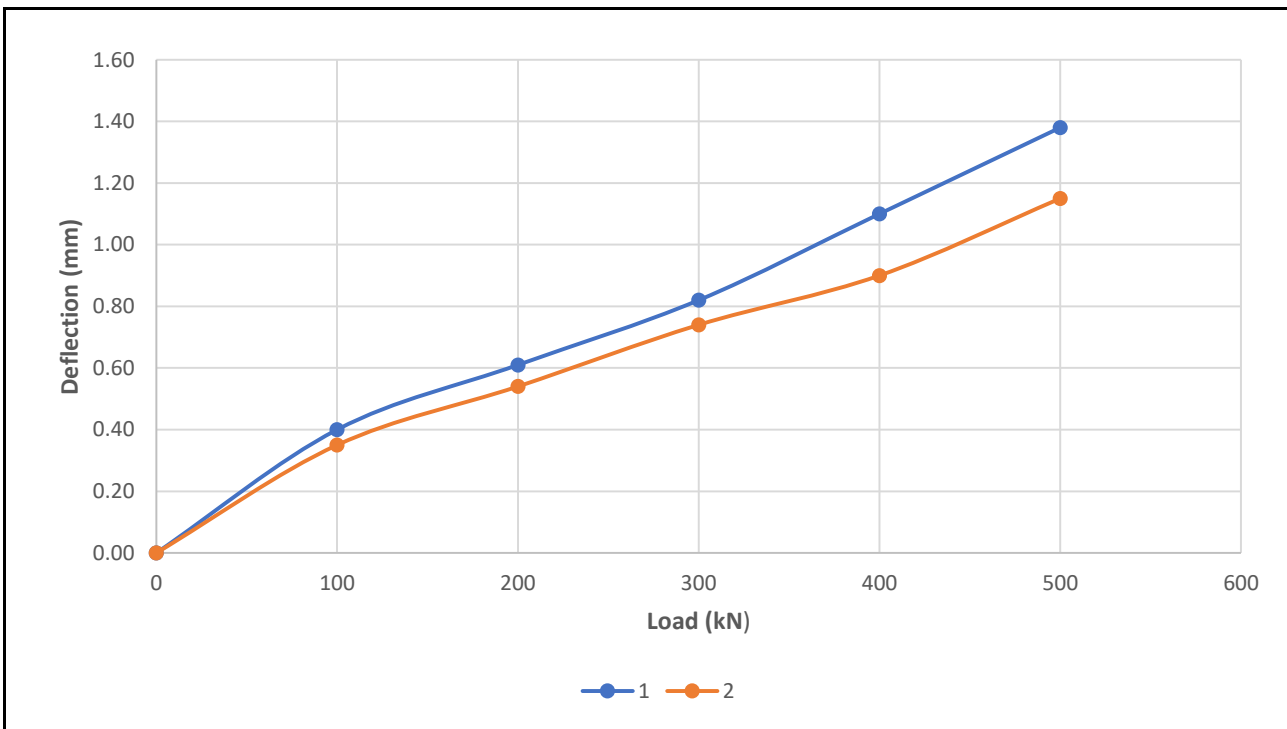
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Client:	Techmarkets
Test Specification:	Load test up to 500kN in 100kN increments. Deflection measured at each increment and after unload.
Date Tested:	Dec-19
Date Reported:	30-12-19
Sample Reference:	5 Sq
Dimensions:	70x70x5mm
Test Technician:	Dimitri Golovanov



Load (kN)		0	100	200	300	400	500	0
Deflection (mm)	1	0.00	0.40	0.61	0.82	1.10	1.38	0.24
	2	0.00	0.35	0.54	0.74	0.90	1.15	0.23

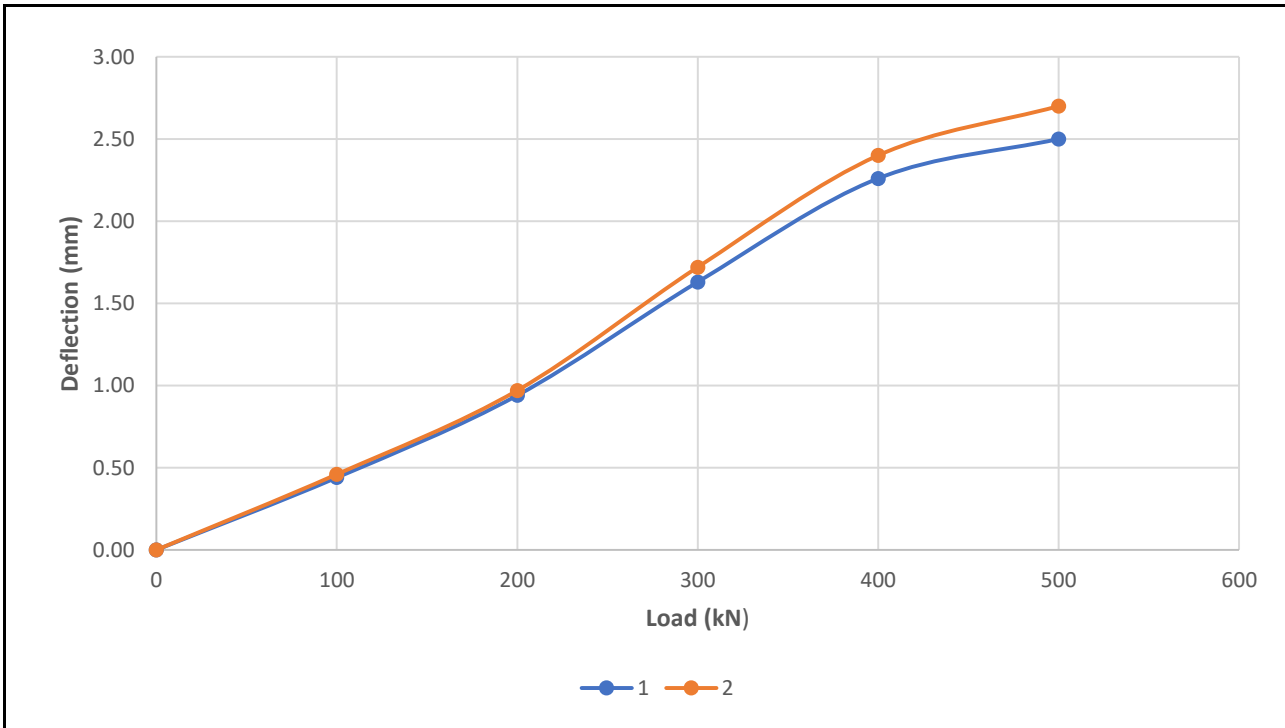
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Report No.:	45535/1
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Date Tested:	Dec-19
Date Reported:	30-12-19
Sample Reference:	7 Sq
Dimensions:	70x70x7mm
Test Technician:	Dimitri Golovanov



Load (kN)		0	100	200	300	400	500	0
Deflection (mm)	1	0.00	0.44	0.94	1.63	2.26	2.50	1.54
	2	0.00	0.46	0.97	1.72	2.40	2.70	1.37

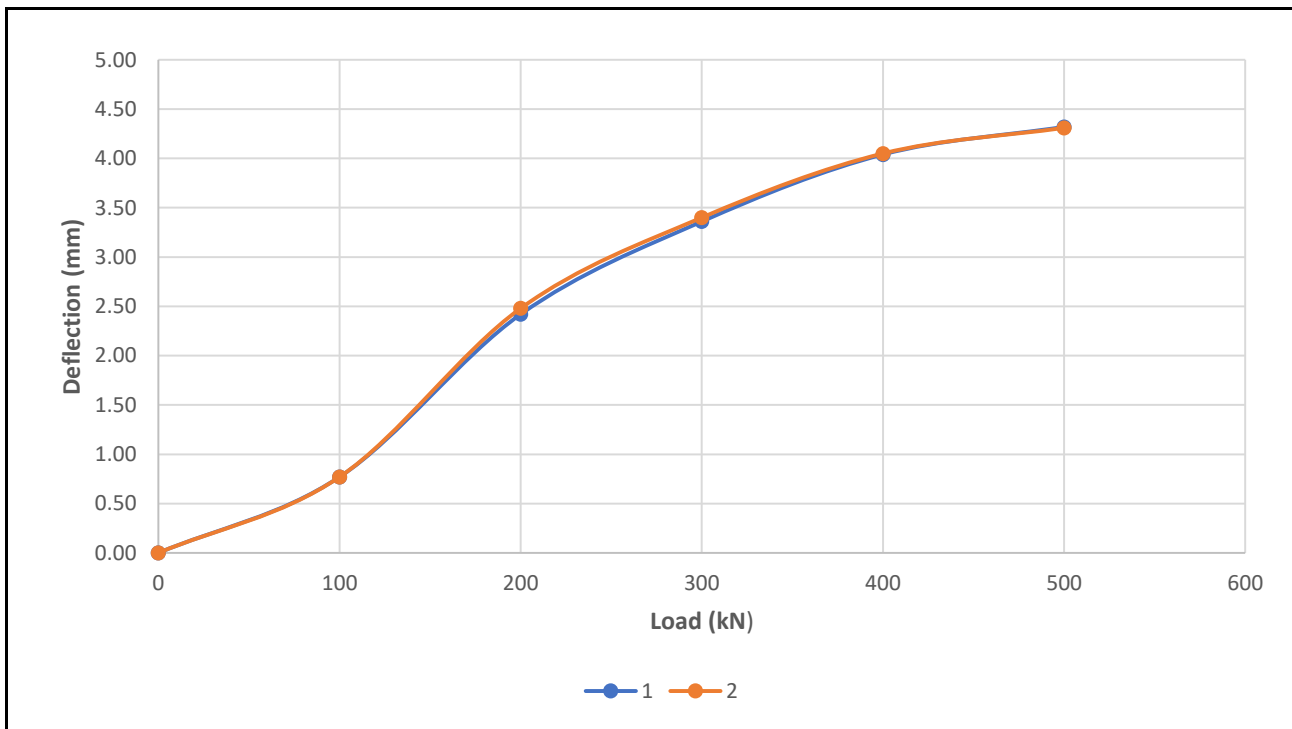
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Report No.:	45535/1
Job No.:	PN45535
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Date Tested:	Dec-19
Date Reported:	30-12-19
Sample Reference:	9 Sq
Dimensions:	70x70x9mm
Test Technician:	Dimitri Golovanov



Load (kN)		0	100	200	300	400	500	0
Deflection (mm)	1	0.00	0.77	2.42	3.36	4.04	4.32	3.05
	2	0.00	0.77	2.48	3.40	4.05	4.31	3.07

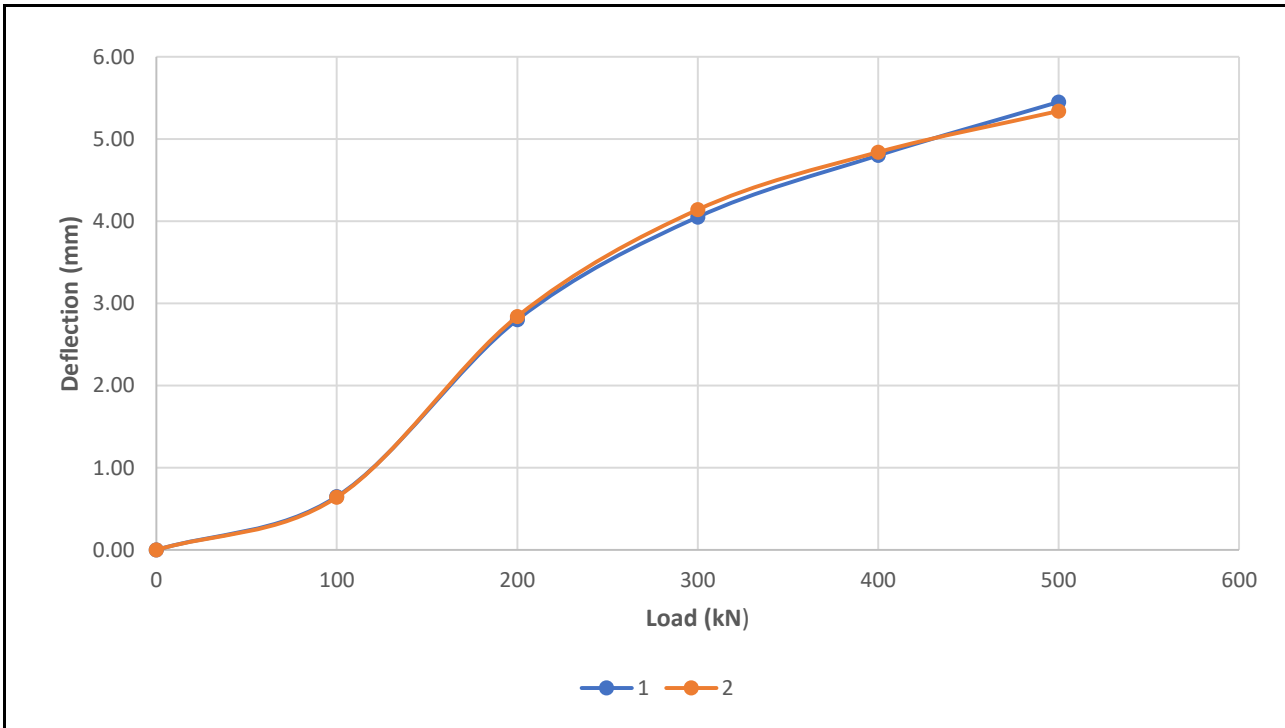
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Date Tested:	Dec-19
Date Reported:	30-12-19
Sample Reference:	10 Sq
Dimensions:	70x70x10mm
Test Technician:	Dimitri Golovanov



Load (kN)		0	100	200	300	400	500	0
Deflection (mm)	1	0.00	0.65	2.80	4.05	4.80	5.45	3.90
	2	0.00	0.64	2.84	4.14	4.84	5.34	3.92

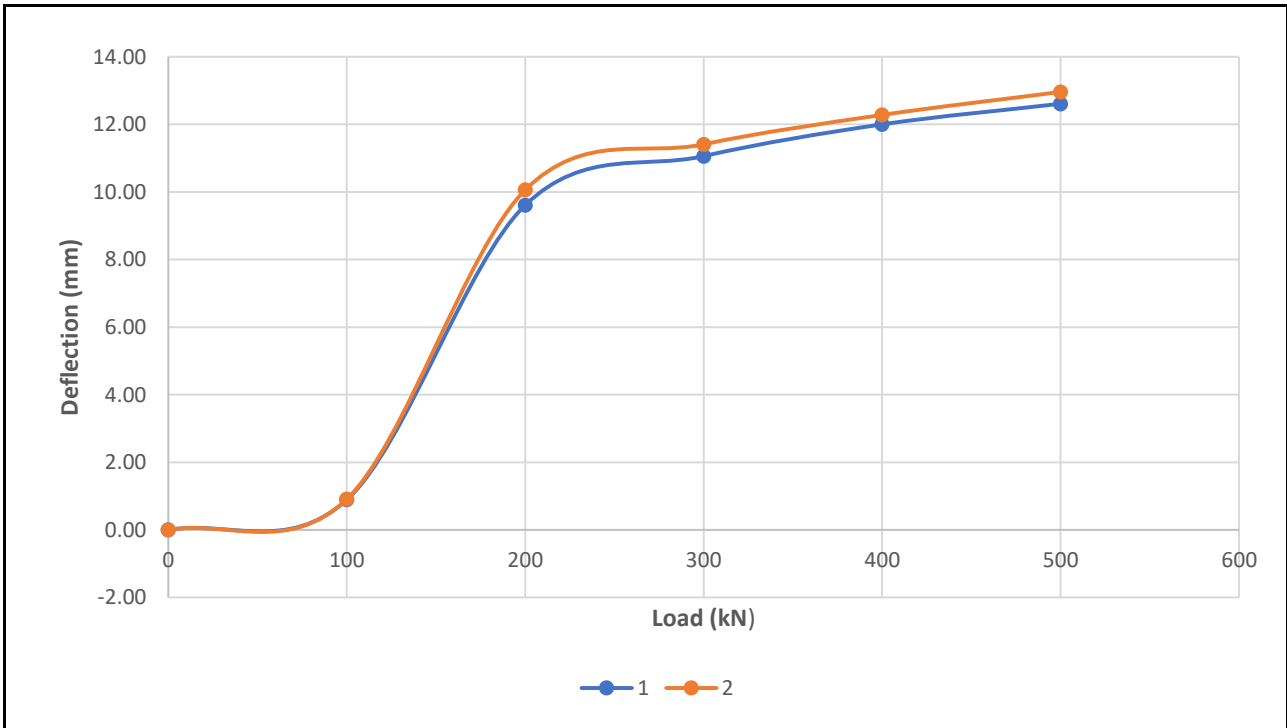
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Date Tested:	Dec-19
Date Reported:	30-12-19
Sample Reference:	20 Sq
Dimensions:	70x70x20mm
Test Technician:	Dimitri Golovanov



Load (kN)		0	100	200	300	400	500	0
Deflection (mm)	1	0.00	0.89	9.61	11.06	12.00	12.61	10.93
	2	0.00	0.91	10.06	11.41	12.28	12.96	11.35

Approved Signature
James Fisher Testing Services
Dimitri Golovanov

