

**Test and Inspection Report in Accordance with CSA B620**

X94-2  
MAY

Facility Name:	<b>Liquids In Motion Ltd.</b>	TEST DATE	<u>11/15/19</u>
Address	<b>243058 A Twp 475 A Millet, AB</b>		
Telephone	(780) 985 3393	Facility Registration No.	<b>25- 1276</b>
Tank Owner	<u>Liquids In Motion</u>		
Address	<u>243058 A TWP 475 A Millet AB</u>		
Telephone	<u>780 985 3393</u>		<u>LIM 30A</u>

OWNERS SERIAL No. 2L9T6431040079275 CERT DATE 02/04/04  
 MANUFACTURE LAZER INOX SERIAL No. LF 3555  
 MFR DATE 04/04 MATERIAL 316L TANK SPECTG: 407  
 COMP. CAPACITY 1 27500 IG/L 2 \_\_\_\_\_ IG/L 3 \_\_\_\_\_ IG/L  
 4 \_\_\_\_\_ IG/L 5 \_\_\_\_\_ IG/L

TESTS PERFORMED "V"  "I"  "K"  "P"  "T"  "U/C"

EXTERNAL VISUAL INSPECTION "V"

Item inspected	QC Man Ref.	Complies	Reject	Retest Complies
Data plate, present and legible	12.1.3	<input checked="" type="checkbox"/>	_____	_____
Shell & Heads, corrosion abrasion dents overlay patches leaks etc	12.1.4	<input checked="" type="checkbox"/>	_____	_____
Structural members, outriggers, crossmembers etc	12.1.5	<input checked="" type="checkbox"/>	_____	_____
① Piping and valves for leakage, damage, corrosion	12.1.7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Remote closures, thermal devices	12.1.7	<input checked="" type="checkbox"/>	_____	_____
Gaskets on full opening rear heads for damage or cuts	12.1.7	<u>N/A</u>	_____	_____
Hoses for defects, identification and test dates	12.1.9	<u>N/A</u>	_____	_____
Tank attachments to frame or running gear	12.1.8	<input checked="" type="checkbox"/>	_____	_____
Ladders, walkways etc	12.1.10	<input checked="" type="checkbox"/>	_____	_____
Fill covers, manways and closure devices	12.1.11	<input checked="" type="checkbox"/>	_____	_____
Relief valves and vents (replace or test if tank in service where lading corrosive to relief device)	12.1.12	<input checked="" type="checkbox"/>	_____	_____
Accident damage protection	12.1.13	<input checked="" type="checkbox"/>	_____	_____

Inspector Cody Doucette Signature [Signature] Date 11/15/19

INTERNAL VISUAL INSPECTION "I"

Item inspected	QC Man Ref.	Complies	Reject	Retest Complies
Interior surface, corrosion, distortion overlay patches, cracking etc	12.2.2	<input checked="" type="checkbox"/>	_____	_____
Interior welds for defects, cracking etc	12.2.3	<input checked="" type="checkbox"/>	_____	_____
Internal supports and attachments	12.2.4	<input checked="" type="checkbox"/>	_____	_____
Internal valves, piping and vents for leakage, damage, etc	12.2.4	<input checked="" type="checkbox"/>	_____	_____

Inspector Cody Doucette Signature [Signature] Date 11/15/19

Note: Rejection Criteria for Visual Inspections

- Any of the following conditions shall cause the tank to be rejected
- Less than minimum material thickness under any cut, dig or gouge
- Any dent with a depth greater than 1/2" where it includes a weld
- Any dent with a depth greater than 10% of the length of the dent
- Any weld defect including a crack, pinhole, or incomplete fusion of the weld
- Any structural defect or any source of leakage
- Any repairs made using overlay patches
- Defective, unidentified or out of test Hose Assemblies

UPPER COUPLER INSPECTION "U/C" (QC Manual Reference 12.1.5 and 12.1.6)

	Complies	Reject
Upper coupler removed from tank and inspected (including tank areas above)	<input checked="" type="checkbox"/>	_____
Upper coupler inspected in place	_____	_____

Inspector Name Cody Doucette Signature [Signature] Date 11/15/19

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**LEAKAGE TEST "K" (QC Manual Reference 12.3)**

Test Pressure 20 PSF (80% of MAWP Min.) Test Medium Water/Air

Item	Comp Pass	1 Fail	Comp Pass	2 Fail	Comp Pass	3 Fail	Comp Pass	4 Fail	Comp Pass	5 Fail
Gauges Calibrated	✓	—	—	—	—	—	—	—	—	—
All components in place	✓	—	—	—	—	—	—	—	—	—
All seams checked	✓	—	—	—	—	—	—	—	—	—
All gaskets checked	✓	—	—	—	—	—	—	—	—	—
ISC valve seat checked	✓	—	—	—	—	—	—	—	—	—
External valve seats checked	✓	—	—	—	—	—	—	—	—	—
Pipe connections checked	✓	—	—	—	—	—	—	—	—	—

Tank Tester Cody Doucette Signature [Signature] Date 11/5/14

**PRESSURE TEST "P" (QC Manual Reference 12.4)**

Test Pressure (Tank) 37.5 (Refer to Table 7.3 of CSA B620-2003 for appropriate test pressure)

Test Pressure (Piping) 20 (80% Tank MAWP) Test Medium Water/Air

Item	Comp Pass	1 Fail	Comp Pass	2 Fail	Comp Pass	3 Fail	Comp Pass	4 Fail	Comp Pass	5 Fail
Gauges Calibrated	✓	—	—	—	—	—	—	—	—	—
Pressure protection in place	✓	—	—	—	—	—	—	—	—	—
Relief valves removed and tested	✓	—	—	—	—	—	—	—	—	—
All closures in place	✓	—	—	—	—	—	—	—	—	—
All seams checked	✓	—	—	—	—	—	—	—	—	—
All gaskets checked	✓	—	—	—	—	—	—	—	—	—
ISC valve seat checked	✓	—	—	—	—	—	—	—	—	—
External valve seats checked	✓	—	—	—	—	—	—	—	—	—
Pipe connections checked	✓	—	—	—	—	—	—	—	—	—
Relief devices returned	✓	—	—	—	—	—	—	—	—	—

Tank Tester Cody Doucette Signature [Signature] Date 11/5/14

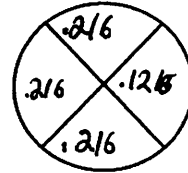
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THICKNESS TEST "T" (QC Manual Reference 12.5)

Thickness Tester Calibrated in accordance with instructions provided by the manufacturer of the testing device  
 YES  NO

FRONT					
	12:00	3:00	6:00	9:00	HEAD
1	.136	.136	.126	.136	1
2	.136	.136	.136	.136	2
3	.136	.136	.136	.136	3
4	.135	.135	.136	.136	4
5	.133	.136	.137	.134	5
6	.136	.133	.135	.135	6
7	.136	.135	.131	.136	7
8	.132	.135	.134	.135	8
9	.136	.135	.134	.136	9
10					10
11					11
	12:00	3:00	6:00	9:00	HEAD

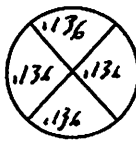
FRONT HEAD



REAR



MANWAY



SUMP



NOZZLE



NOZZLE

REAR HEAD

Tank Tester Name Cody Donette Signature [Signature] Date 11/5/19

Description of defects found and methods used to repair

① Flow Butterfly Fly Valve gasket was Blown  
Replaced Valve and re tested to 20 PSI  
and passed

No Defects Found

Tank successfully retested after repair YES  NO  N/A

Written repair weld inspection report attached YES  NO  N/A

TANK DISPOSITION Removed from Service

Safety Mark (Specification Indication) removed YES  NO

Returned to Service

Tank markings applied (QC Manual Reference Section 15) YES  NO