
APPENDIX F

Flow Meter Calibration



METER TEST RECORD

20033190
SERIAL NUMBER
8-17-2005
DATE

SOLD TO PARAMOUNT SUPPLY COMPANY

SHIP TO SAME

SO# 37850

FINAL TOTALIZER READING _____

WE CERTIFY THAT THE TEST RESULTS SHOWN IN THIS REPORT ARE CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF. OUR TEST FACILITY IS CERTIFIED REGULARLY TO AN ACCURACY OF 0.2% AND IS TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY.

WATER SPECIALTIES

BY: [Signature]

FLOW RATE G.P.M.	TESTED ACCURACY			FLOW RATE G.P.M.	NEW ACCURACY		
	% ACCURACY	GEARS	INDEX		% ACCURACY	GEARS	INDEX
524	101.0	N/A	N/A				
851	100.8	" "	" "				
261	99.6	" "	" "				

TESTED AVERAGE _____ TESTED INDEX _____
 DESIRED AVERAGE _____ NEW INDEX _____

SPEC. PIPE I.D. _____
 STD. PIPE I.D. _____

$$\left(\frac{\text{SPEC. I.D.}^2 \cdot \bar{n} \cdot 4.285}{\text{STD. I.D.}^2 \cdot \bar{n} \cdot 4.285} \right) * \text{STD. INDEX} = \text{NEW INDEX}$$

CUSTOMER PIPE SIZE 8.120 O.D. _____ I.D. _____ % AS GEARED _____

	SPECIFICATION	INDEX	METER CHANGE GEARS
METER SIZE/MODEL NO.	8" MODEL ML-04-D		SEE ABOVE
TOTALIZER DIAL	1000 GALLONS		AVB =
INDICATOR DIAL TOTALIZER GEARING	1500 GPM N/A		GEAR RATIO

PROP. SIZE _____ TYPE _____ BEARINGS _____
 ACCESSORIES _____

BUILT BY _____ DATE BUILT _____
 INV. DATE _____ INV. NO. _____ CKD. BY _____



METER TEST RECORD

20033191

SERIAL NUMBER

8-17-2005
DATE

SOLD TO PARAMOUNT SUPPLY COMPANY

SHIP TO SAME

SO# 37860

FINAL TOTALIZER READING _____

WE CERTIFY THAT THE TEST RESULTS SHOWN IN THIS REPORT ARE CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF. OUR TEST FACILITY IS CERTIFIED REGULARLY TO AN ACCURACY OF 0.2% AND IS TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY.

WATER SPECIALTIES

BY: [Signature]

FLOW RATE G.P.M.	TESTED ACCURACY			FLOW RATE G.P.M.	NEW ACCURACY		
	% ACCURACY	GEARS	INDEX		% ACCURACY	GEARS	INDEX
1524	101.2	N/A	N/A				
851	101.1	" "	" "				
261	100.4	" "	" "				

TESTED AVERAGE _____ TESTED INDEX _____

DESIRED AVERAGE _____ NEW INDEX _____

SPEC. PIPE I.D. _____

STD. PIPE I.D. _____

$$\left(\frac{\text{SPEC. I.D.}^2}{\text{STD. I.D.}^2} \cdot \bar{n} 4.285 \right) * \text{STD. INDEX} = \text{NEW INDEX}$$

CUSTOMER PIPE SIZE 8.120 O.D. _____ I.D. _____ % AS GEARED _____

	SPECIFICATION	INDEX
METER SIZE/MODEL NO.	8" MODEL ML-04-D	
TOTALIZER DIAL	1000 GALLONS	
INDICATOR DIAL TOTALIZER GEARING	1500 GPM N/A	

METER CHANGE GEARS

SEE ABOVE

A/B =

GEAR RATIO

PROP. SIZE _____ TYPE _____ BEARINGS _____

ACCESSORIES _____

BUILT BY _____ DATE BUILT _____

INV. DATE _____ INV. NO. _____ CKD. BY _____



METER TEST RECORD

20033192

SERIAL NUMBER

8-17-2005
DATE

SOLD TO PARAMOUNT SUPPLY COMPANY

SHIP TO SAME

SG# 37850

FINAL TOTALIZER READING _____

WE CERTIFY THAT THE TEST RESULTS SHOWN IN THIS REPORT ARE CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF. OUR TEST FACILITY IS CERTIFIED REGULARLY TO AN ACCURACY OF 0.2% AND IS TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY.

WATER SPECIALTIES

BY: [Signature]

FLOW RATE G.P.M.	TESTED ACCURACY			FLOW RATE G.P.M.	NEW ACCURACY		
	% ACCURACY	GEARS	INDEX		% ACCURACY	GEARS	INDEX
1469	101.3	N/A	N/A				
760	100.9	" "	" "				
269	100.8	" "	" "				

TESTED AVERAGE _____ TESTED INDEX _____

DESIRED AVERAGE _____ NEW INDEX _____

SPEC. PIPE I.D. _____

STD. PIPE I.D. _____

$$\left(\frac{\text{SPEC. I.D.}^2 \cdot \bar{n} 4.285}{\text{STD. I.D.}^2 \cdot \bar{n} 4.285} \right) * \text{STD. INDEX} \text{ --- NEW INDEX ---}$$

CUSTOMER PIPE SIZE 8.120 O.D. _____ I.D. _____ % AS GEARED _____

	SPECIFICATION	INDEX
METER SIZE/MODEL NO.	8" MODEL ML-04-D	
TOTALIZER DIAL	1000 GALLONS	
INDICATOR DIAL TOTALIZER GEARING	1500 GPM N/A	

METER CHANGE GEARS

A/B = SEE ABOVE

GEAR RATIO _____

PROP. SIZE _____ TYPE _____ BEARINGS _____

ACCESSORIES _____

BUILT BY _____ DATE BUILT _____

INV. DATE _____ INV. NO. _____ CKD. BY _____



METER TEST RECORD

20033193
SERIAL NUMBER

8-17-2005
DATE

SOLD TO PARAMOUNT SUPPLY COMPANY

SHIP TO SAME

SG# 37850

FINAL TOTALIZER READING _____

WE CERTIFY THAT THE TEST RESULTS SHOWN IN THIS REPORT ARE CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF. OUR TEST FACILITY IS CERTIFIED REGULARLY TO AN ACCURACY OF 0.2% AND IS TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY.

WATER SPECIALTIES

BY: [Signature]

FLOW RATE G.P.M.	TESTED ACCURACY			FLOW RATE G.P.M.	NEW ACCURACY		
	% ACCURACY	GEARS	INDEX		% ACCURACY	GEARS	INDEX
1469	100.9	N/A	N/A				
760	100.4	" "	" "				
269	100.3	" "	" "				

TESTED AVERAGE _____ TESTED INDEX _____

DESIRED AVERAGE _____ NEW INDEX _____

SPEC. PIPE I.D. _____ $\left(\frac{\text{SPEC. I.D.}^2 \bar{n} 4.285}{\text{STD. I.D.}^2 \bar{n} 4.285} \right) * \text{STD. INDEX} = \text{NEW INDEX}$

CUSTOMER PIPE SIZE 8.120 O.D. _____ I.D. _____ % AS GEARED _____

	SPECIFICATION	INDEX	METER CHANGE GEARS
METER SIZE/MODEL NO.	8" MODEL ML-04-D		SEE ABOVE
TOTALIZER DIAL	1000 GALLONS		A/B =
INDICATOR DIAL TOTALIZER GEARING	1500 GPM N/A		GEAR RATIO

PROP. SIZE _____ TYPE _____ BEARINGS _____

ACCESSORIES _____

BUILT BY _____ DATE BUILT _____

INV. DATE _____ INV. NO. _____ CKD. BY _____



METER TEST RECORD

20033194

SERIAL NUMBER

8-17-2005
DATE

SOLD TO PARAMOUNT SUPPLY COMPANY

SHIP TO SAME

SO# 37850

FINAL TOTALIZER READING _____

WE CERTIFY THAT THE TEST RESULTS SHOWN IN THIS REPORT ARE CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF. OUR TEST FACILITY IS CERTIFIED REGULARLY TO AN ACCURACY OF 0.2% AND IS TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY.

WATER SPECIALTIES

BY: *[Signature]*

FLOW RATE G.P.M.	TESTED ACCURACY			FLOW RATE G.P.M.	NEW ACCURACY		
	% ACCURACY	GEARS	INDEX		% ACCURACY	GEARS	INDEX
1515	101.2	N/A	N/A				
755	101.8	" "	" "				
263	100.4	" "	" "				

TESTED AVERAGE _____ TESTED INDEX _____

DESIRED AVERAGE _____ NEW INDEX _____

SPEC. PIPE I.D. _____ $\left(\frac{\text{SPEC. I.D.}^2 \bar{n} 4.285}{\text{STD. I.D.}^2 \bar{n} 4.285} \right) * \text{STD. INDEX} = \text{NEW INDEX}$

CUSTOMER PIPE SIZE 8.120 O.D. _____ I.D. _____ % AS GEARED _____

	SPECIFICATION	INDEX	METER CHANGE GEARS
METER SIZE/MODEL NO.	8" MODEL ML-04-D		SEE ABOVE
TOTALIZER DIAL	1000 GALLONS		A/B =
INDICATOR DIAL TOTALIZER GEARING	1500 GPM N/A		GEAR RATIO

PROP. SIZE _____ TYPE _____ BEARINGS _____

ACCESSORIES _____

BUILT BY _____ DATE BUILT _____

INV. DATE _____ INV. NO. _____ CKD. BY _____



METER TEST RECORD

20033195
SERIAL NUMBER

8-17-2005
DATE

SOLD TO PARAMOUNT SUPPLY COMPANY

SHIP TO SAME

SO# 37850

FINAL TOTALIZER READING _____

WE CERTIFY THAT THE TEST RESULTS SHOWN IN THIS REPORT ARE CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF. OUR TEST FACILITY IS CERTIFIED REGULARLY TO AN ACCURACY OF 0.2% AND IS TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY.

WATER SPECIALTIES

BY: [Signature]

FLOW RATE G.P.M.	TESTED ACCURACY			FLOW RATE G.P.M.	NEW ACCURACY		
	% ACCURACY	GEARS	INDEX		% ACCURACY	GEARS	INDEX
1615	101.9	N/A	N/A				
755	100.6	" "	" "				
263	99.5	" "	" "				

TESTED AVERAGE _____ TESTED INDEX _____

DESIRED AVERAGE _____ NEW INDEX _____

SPEC. PIPE I.D. _____ $\left(\frac{\text{SPEC. I.D.}^2 \cdot \bar{n} 4.285}{\text{STD. I.D.}^2 \cdot \bar{n} 4.285} \right) * \text{STD. INDEX} \text{ _____} = \text{NEW INDEX} \text{ _____}$

CUSTOMER PIPE SIZE 8.120 O.D. _____ I.D. _____ % AS GEARED _____

	SPECIFICATION	INDEX	METER CHANGE GEARS
METER SIZE/MODEL NO.	8" MODEL ML-04-D		A/B = SEE ABOVE
TOTALIZER DIAL	1000 GALLONS		
INDICATOR DIAL TOTALIZER GEARING	1500 GPM N/A		GEAR RATIO

PROP. SIZE _____ TYPE _____ BEARINGS _____

ACCESSORIES _____

BUILT BY _____ DATE BUILT _____

INV. DATE _____ INV. NO. _____ CKD. BY _____



METER TEST RECORD

20033196
SERIAL NUMBER

8-17-2005
DATE

SOLD TO PARAMOUNT SUPPLY COMPANY

SHIP TO SAME

SO# 37850

FINAL TOTALIZER READING _____

WE CERTIFY THAT THE TEST RESULTS SHOWN IN THIS REPORT ARE CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF. OUR TEST FACILITY IS CERTIFIED REGULARLY TO AN ACCURACY OF 0.2% AND IS TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY.

WATER SPECIALTIES

BY: [Signature]

FLOW RATE G.P.M.	TESTED ACCURACY			FLOW RATE G.P.M.	NEW ACCURACY		
	% ACCURACY	GEARS	INDEX		% ACCURACY	GEARS	INDEX
1489	100.9	N/A	N/A				
999	100.1	" "	" "				
258	100.2	" "	" "				

TESTED AVERAGE _____ TESTED INDEX _____

DESIRED AVERAGE _____ NEW INDEX _____

SPEC. PIPE I.D. _____ $\left(\frac{\text{SPEC. I.D.}^2}{\text{STD. I.D.}^2 \cdot \bar{n} 4.285} \right) * \text{STD. INDEX} = \text{NEW INDEX}$

STD. PIPE I.D. _____

CUSTOMER PIPE SIZE 8.120 O.D. _____ I.D. _____ % AS GEARED _____

	SPECIFICATION	INDEX
METER SIZE/MODEL NO.	8" MODEL ML-04-D	
TOTALIZER DIAL	1000 GALLONS	
INDICATOR DIAL TOTALIZER GEARING	1500 GPM N/A	

METER CHANGE GEARS	
A/B =	SEE ABOVE
GEAR RATIO	

PROP. SIZE _____ TYPE _____ BEARINGS _____

ACCESSORIES _____

BUILT BY _____ DATE BUILT _____

INV. DATE _____ INV. NO. _____ CKD. BY _____



METER TEST RECORD

20033197
SERIAL NUMBER

8-17-2005
DATE

SOLD TO PARAMOUNT SUPPLY COMPANY

SHIP TO SAME

SO# 37850

FINAL TOTALIZER READING _____

WE CERTIFY THAT THE TEST RESULTS SHOWN IN THIS REPORT ARE CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF. OUR TEST FACILITY IS CERTIFIED REGULARLY TO AN ACCURACY OF 0.2% AND IS TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY.

WATER SPECIALTIES

BY: *[Signature]*

FLOW RATE G.P.M.	TESTED ACCURACY			FLOW RATE G.P.M.	NEW ACCURACY		
	% ACCURACY	GEARS	INDEX		% ACCURACY	GEARS	INDEX
1489	99.7	N/A	N/A				
766	99.2	" "	" "				
259	98.7	" "	" "				

TESTED AVERAGE _____ TESTED INDEX _____

DESIRED AVERAGE _____ NEW INDEX _____

SPEC. PIPE I.D. _____ $\left(\frac{\text{SPEC. I.D.}^2}{\text{STD. I.D.}^2} \times \text{STD. INDEX} \right) = \text{NEW INDEX}$

STD. PIPE I.D. _____ $\left(\frac{\text{SPEC. I.D.}^2}{\text{STD. I.D.}^2} \times \text{STD. INDEX} \right) = \text{NEW INDEX}$

CUSTOMER PIPE SIZE 8.120 O.D. _____ I.D. _____ % AS GEARED _____

	SPECIFICATION	INDEX	METER CHANGE GEARS
METER SIZE/MODEL NO.	8" MODEL ML-04-D		A/B = SEE ABOVE
TOTALIZER DIAL	1000 GALLONS		GEAR RATIO
INDICATOR DIAL TOTALIZER GEARING	1500 GPM N/A		

PROP. SIZE _____ TYPE _____ BEARINGS _____

ACCESSORIES _____

BUILT BY _____ DATE BUILT _____

INV. DATE _____ INV. NO. _____ CKD. BY _____



METER TEST RECORD

20030198

DATE 8-17-2005

SOLD TO PARAMOUNT SUPPLY COMPANY

SHIP TO SAME

SO# 37850

FINAL TOTALIZER READING _____

WE CERTIFY THAT THE TEST RESULTS SHOWN IN THIS REPORT ARE CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF. OUR TEST FACILITY IS CERTIFIED REGULARLY TO AN ACCURACY OF 0.2% AND IS TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY.

WATER SPECIALTIES

BY: [Signature]

FLOW RATE G.P.M.	TESTED ACCURACY			FLOW RATE G.P.M.	NEW ACCURACY		
	% ACCURACY	GEARS	INDEX		% ACCURACY	GEARS	INDEX
1598	101.3	N/A	N/A				
808	101.3	"	"				
257	100.5	"	"				

TESTED AVERAGE _____ TESTED INDEX _____

DESIRED AVERAGE _____ NEW INDEX _____

SPEC. PIPE I.D. _____ $\left(\frac{\text{SPEC. I.D.}^2 \sqrt{4.285}}{\text{STD. I.D.}^2 \sqrt{4.285}} \right) * \text{STD. INDEX} \text{ _____ } = \text{NEW INDEX _____}$

STD. PIPE I.D. _____

CUSTOMER PIPE SIZE 8.120 O.D. _____ I.D. _____ % AS GEARED _____

	SPECIFICATION	INDEX	METER CHANGE GEARS
METER SIZE/MODEL NO.	8" MODEL ML-04-D		A/B = SEE ABOVE
TOTALIZER DIAL		1000 GALLONS	
INDICATOR DIAL TOTALIZER GEARING		1500 GPM N/A	

PROP. SIZE _____ TYPE _____ BEARINGS _____

ACCESSORIES _____

BUILT BY _____ DATE BUILT _____

INV. DATE _____ INV. NO. _____ CKD. BY _____



METER TEST RECORD

20033199
SERIAL NUMBER

8-17-2005
DATE

SOLD TO PARAMOUNT SUPPLY COMPANY

SHIP TO SAME

SO# 37850

FINAL TOTALIZER READING _____

WE CERTIFY THAT THE TEST RESULTS SHOWN IN THIS REPORT ARE CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF. OUR TEST FACILITY IS CERTIFIED REGULARLY TO AN ACCURACY OF 0.2% AND IS TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY.

WATER SPECIALTIES

BY:

FLOW RATE G.P.M.	TESTED ACCURACY			FLOW RATE G.P.M.	NEW ACCURACY		
	% ACCURACY	GEARS	INDEX		% ACCURACY	GEARS	INDEX
1598	100.7	N/A	N/A				
808	100.7	" "	" "				
257	99.9	" "	" "				

TESTED AVERAGE _____ TESTED INDEX _____

DESIRED AVERAGE _____ NEW INDEX _____

SPEC. PIPE I.D. _____ $\left(\frac{\text{SPEC. I.D.}^2}{\text{STD. I.D.}^2} \cdot \bar{n} 4.285 \right) * \text{STD. INDEX} = \text{NEW INDEX}$

STD. PIPE I.D. _____

CUSTOMER PIPE SIZE 8.120 O.D. _____ I.D. _____ % AS GEARED _____

	SPECIFICATION	INDEX	METER CHANGE GEARS
METER SIZE/MODEL NO.	8" MODEL ML-04-D		SEE ABOVE
TOTALIZER DIAL	1000 GALLONS		A/B =
INDICATOR DIAL TOTALIZER GEARING	1500 GPM N/A		GEAR RATIO

PROP. SIZE _____ TYPE _____ BEARINGS _____

ACCESSORIES _____

BUILT BY _____ DATE BUILT _____

INV. DATE _____ INV. NO. _____ CKD. BY _____



METER TEST RECORD

20033200

SERIAL NUMBER

8-17-2005
DATE

SOLD TO PARAMOUNT SUPPLY COMPANY

SHIP TO SAME

SO# 37850

FINAL TOTALIZER READING _____

WE CERTIFY THAT THE TEST RESULTS SHOWN IN THIS REPORT ARE CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF. OUR TEST FACILITY IS CERTIFIED REGULARLY TO AN ACCURACY OF 0.2% AND IS TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY.

WATER SPECIALTIES

BY: [Signature]

FLOW RATE G.P.M.	TESTED ACCURACY			FLOW RATE G.P.M.	NEW ACCURACY		
	% ACCURACY	GEARS	INDEX		% ACCURACY	GEARS	INDEX
1861	100.6	N/A	N/A				
888	100.2	" "	" "				
266	99.9	" "	" "				

TESTED AVERAGE _____ TESTED INDEX _____
 DESIRED AVERAGE _____ NEW INDEX _____

$$\left(\frac{\text{SPEC. PIPE I.D.}^2}{\text{STD. PIPE I.D.}^2} \cdot \bar{n} 4.285 \right) * \text{STD. INDEX} = \text{NEW INDEX}$$

CUSTOMER PIPE SIZE 8.120 O.D. _____ I.D. _____ % AS GEARED _____

	SPECIFICATION	INDEX
METER SIZE/MODEL NO.	8" MODEL ML-04-D	
TOTALIZER DIAL	1000 GALLONS	
INDICATOR DIAL TOTALIZER GEARING	1500 GPM N/A	

METER CHANGE GEARS
 A/B = SEE ABOVE
 GEAR RATIO _____

PROP. SIZE _____ TYPE _____ BEARINGS _____

ACCESSORIES _____

BUILT BY _____ DATE BUILT _____

INV. DATE _____ INV. NO. _____ CKD. BY _____



METER TEST RECORD

20033201
SERIAL NUMBER
8-17-2005
DATE

SOLD TO PARAMOUNT SUPPLY COMPANY

SHIP TO SAME

SO# 37850

FINAL TOTALIZER READING _____

WE CERTIFY THAT THE TEST RESULTS SHOWN IN THIS REPORT ARE CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF. OUR TEST FACILITY IS CERTIFIED REGULARLY TO AN ACCURACY OF 0.2% AND IS TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY.

WATER SPECIALTIES

BY: [Signature]

FLOW RATE G.P.M.	TESTED ACCURACY			FLOW RATE G.P.M.	NEW ACCURACY		
	% ACCURACY	GEARS	INDEX		% ACCURACY	GEARS	INDEX
1808	100.9	N/A	N/A				
850	101.2	" "	" "				
280	100.6	" "	" "				

TESTED AVERAGE _____ TESTED INDEX _____
 DESIRED AVERAGE _____ NEW INDEX _____
 SPEC. PIPE I.D. _____ $\left(\frac{\text{SPEC. I.D.}^2 \cdot \pi \cdot 4.285}{\text{STD. I.D.}^2 \cdot \pi \cdot 4.285} \right) * \text{STD. INDEX} \text{ --- } \text{NEW INDEX}$ _____
 STD. PIPE I.D. _____

CUSTOMER PIPE SIZE 8.120 O.D. _____ I.D. _____ % AS GEARED _____

	SPECIFICATION	INDEX	METER CHANGE GEARS
METER SIZE/MODEL NO.	8" MODEL ML-04-D		SEE ABOVE
TOTALIZER DIAL	1000 GALLONS		
INDICATOR DIAL TOTALIZER GEARING	1500 GPM N/A		GEAR RATIO

PROP. SIZE _____ TYPE _____ BEARINGS _____

ACCESSORIES _____

BUILT BY _____ DATE BUILT _____

INV. DATE _____ INV. NO. _____ CKD. BY _____