

OFFICE OF THE STATE ENGINEER



FLOW METER LIST

(Revised Fall 2020)



The New Mexico Office of the State Engineer (“State Engineer”) has reviewed the meters on the following list and determined that each meets the groundwater measurement specifications for metering as established by the State Engineer. The State Engineer does not intend for this list of approved water meters to be exhaustive and does not endorse any of the listed meter models or manufacturers. However, Proper installation of one of the listed meters will satisfy the State Engineer’s meter requirements. **Please be advised that there may be other meters that meet the specifications required by the State Engineer. Before purchasing a meter that is not listed below, please verify with the appropriate District Office that the meter is in compliance with the State Engineer’s requirements.**

Compound Meters

Manufacture	Model name or number	Type	Size
ABB Water Meters, Inc	Model C-3000	Compound	2", 3", 6", 8"

Electromagnetic Meters

Manufacture	Model name or number	Type	Size
Elster	evoQ4	Electromagnetic	2"-12"
ABB Water Meters, Inc	Water Master FEW (Class 1)	Electromagnetic	1" to 96"
ABB Water Meters, Inc	Process Master FEP (Class1)	Electromagnetic	1" to 96"
Endress & Hauser, Inc.	Series Proline Promag 10P*(see note)	Electromagnetic	1/2"-24"
Endress & Hauser, Inc.	Series Proline Promag 23P*(see note)	Electromagnetic	1/2"-24"
Endress & Hauser, Inc.	Series Proline Promag 10W*(see note)	Electromagnetic	1"-78"
Endress & Hauser, Inc.	Series Proline Promag 50W*(see note)	Electromagnetic	1"-78"
Endress & Hauser, Inc.	Series Proline Promag 50P*(see note)	Electromagnetic	1/2"-24"
Endress & Hauser, Inc.	Series Proline Promag 50H* (see note)	Electromagnetic	1/12"-4"
KROHNE	Waterflux 3070	Electromagnetic	1"-12"
McCrometer	UM06, UM08	Electromagnetic	2" to 48"
McCrometer	FPI 394L, 395L	Electromagnetic	4" to 72"
McCrometer	SPI 282L	Electromagnetic	2" to 96"
Mueller	HbMAG	Electromagnetic	3", 4", 6", 8", 10", 12"
Rosemount	8705	Electromagnetic	1/2"-36"
Rosemount	8750W	Electromagnetic	1/2"-48"
Seametrics	AG90	Electromagnetic	4"-12"
SeaMetrics	AG3000	Electromagnetic	3"-12"

SeaMetrics	EX100 series	Electromagnetic	3"-10"
SeaMetrics	EX200 series	Electromagnetic	10"-48"
SeaMetrics	EX800	Electromagnetic	1"-12"
SeaMetrics	iMAG 4700	Electromagnetic	4"-12"
SeaMetrics	WMP Series	Electromagnetic	1", 2", 3"
Sensus Metering Systems	iPEARL	Electromagnetic	5/8", 3/4", 1"
Siemens	Sitrans MAG 5100W	Electromagnetic	1"-78"
Siemens	Sitrans MAG 8000	Electromagnetic	1"-24"
Singer	SPI 106-A/C Only	Electromagnetic	3" to 36"
Yokogawa Corp.	Model Admag AXF	Electromagnetic	0.1"-16"
Yokogawa Corp.	Model Admag AXR	Electromagnetic	0.1"-8"

***Footnote: These Endress & Hauser, Inc. meters are being phased out in 2019 and will no longer be supported in 2024.**

Multi-Jet Meters			
Manufacture	Model name or number	Type	Size
Carlson	SSM and MNL series	Multi-Jet	5/8"x1/2" – 2"
DLJ	DLJ 150 and 200	Multi-Jet	1-1/2" – 2"
Dwyer	WRBT	Multi-Jet	5/8", 3/4", 1", 1.5", 2"
Hays	M series	Multi-Jet	3/4", 1", 1.5", 2"
Master Meter	Model #MJ05	Multi-Jet	5/8" x 3/4"
Master Meter	Model #MJ06	Multi-Jet	3/4"- 7 1/2" long
Master Meter	Model #MJ07	Multi-Jet	3/4"-9" long
Master Meter	Model #MJ08	Multi-Jet	3/4" x 1"
Master Meter	Model #MJ09	Multi-Jet	1"
Master Meter	Model #MJ10	Multi-Jet	1 1/2" threaded end
Master Meter	Model #MJ11	Multi-Jet	1 1/2" flanged end
Master Meter	Model #MJ12	Multi-Jet	2" threaded end
Master Meter	Model #MJ13	Multi-Jet	2" flanged end
Master Meter	BLMJ	Multi-Jet	5/8"
Master Meter	BLMJ	Multi-Jet	3/4" x 7 1/2"
Master Meter	BLMJ	Multi-Jet	3/4" x 9"
Master Meter	BLMJ	Multi-Jet	3/4" x 9" x 1"
Master Meter	BLMJ	Multi-Jet	1"
SeaMetrics	MJX series	Multi-Jet	3/4" – 2"
Zenner	PMN	Multi-Jet	5/8" and 3/4"

Positive Displacement Meters			
Manufacture	Model name or number	Type	Size
AMCO Water Metering	Aquamaster Electronic Water Meter	Positive Displacement	5/8" to 2"
Assured Automation	WM NLD	Positive Displacement	5/8" to 1"
Badger Meter, Inc.	Recordall LP	Positive Displacement	5/8" x 3/4"
Badger Meter, Inc.	Recordall 25	Positive Displacement	5/8" x 3/4"
Badger Meter, Inc.	Recordall 35	Positive Displacement	3/4"
Badger Meter, Inc.	Recordall 55	Positive Displacement	1"
Badger Meter, Inc.	Recordall 70	Positive Displacement	1"
Badger Meter, Inc.	Recordall 120	Positive Displacement	1-1/2"
Badger Meter, Inc.	Recordall 170	Positive Displacement	2"
Carlson	JL and JLR Series	Positive Displacement	5/8", 3/4"
Neptune Technology	T-10	Positive Displacement	5/8" -2"
Neptune Technology	T-10 Double Check	Positive Displacement	5/8"
Neptune Technology	TRU/FLO Compound	Positive Displacement	2"-8"

Propeller Meters			
Manufacture	Model name or number	Type	Size
McCrometer	Model MF100	Propeller	2"-12"
McCrometer	Model MF100	Propeller	2"-24"
McCrometer	ML100	Propeller	6" to 12"
McCrometer	MS100	Propeller	2"-24"
McCrometer	MT100	Propeller	2"-4"
McCrometer	MO300	Propeller	4"-16"
McCrometer	MD300	Propeller	4"-16"
McCrometer	Model MW500	Propeller	2"-24"
McCrometer	Model MZ500	Propeller	4"-24"
McCrometer	Model QW500	Propeller	2"-24"
McCrometer	Model QZ500	Propeller	4"-24"
McCrometer	Model MM800	Propeller	3"-24"
McCrometer	Model MW800	Propeller	3"-24"
McCrometer	Model MG900	Propeller	4"-24"
McCrometer	Model MT900	Propeller	2"-6"
Sensus Metering Systems, Inc.	Model 101	Propeller	3"-36"
Sensus Metering Systems, Inc.	W-1000 DR Turbo meter	Propeller	4"
Sensus Metering Systems, Inc.	Models 119/120	Propeller	4"-72"

Sensus Metering Systems, Inc.	Model 305/306	Propeller	4"-24"
Sensus Metering Systems, Inc.	OMNI C ²	Propeller	1.5", 2", 3", 4", 6" 8", 10"
Sparling	Model FM 103	Propeller	4"-14"
Sparling	Model FM 104/184	Propeller	2"-72"
Sparling	Model FM 182	Propeller	16"-72"
Sparling	Model FM 183	Propeller	16"-30"
Water Specialties, Inc.	Model LP-31	Propeller	6"-20"
Water Specialties, Inc.	Model LP-32	Propeller	6"-20"
Water Specialties, Inc.	Model LP-32 with flow tube	Propeller	6"-20"
Water Specialties, Inc.	Model LP-03	Propeller	4"-16"
Water Specialties, Inc.	Model LP-04 and LP-04-D	Propeller	4"-16"
Water Specialties, Inc.	Model LP-11	Propeller	4"-12"
Water Specialties, Inc.	Model LP-12 and LP-12-D	Propeller	4"-12"
Water Specialties, Inc.	Model ML-03	Propeller	2"-48"
Water Specialties, Inc.	Model ML-04 and ML-04-D	Propeller	2"-48"
Water Specialties, Inc.	Model ML-07	Propeller	2"-48"
Water Specialties, Inc.	Model ML-08 and ML-08-D	Propeller	2"-48"
Water Specialties, Inc.	Model ML-11	Propeller	3"-48"
Water Specialties, Inc.	Model ML-12 and ML-12-D	Propeller	3"-48"
Water Specialties, Inc.	Model VF-29	Propeller	4"-20"
Water Specialties, Inc.	Model VF-30 and VF-30-D	Propeller	4"-20"

Single Jet Meters

Manufacture	Model name or number	Type	Size
Metron	Spectrum 30 Residential	Single Jet	5/8" x 3/4"
Metron	Spectrum 50	Single Jet	1"
Metron	Spectrum 88 and 130	Single Jet	1.5" - 2"
Metron	Spectrum 175	Single Jet	3"
Metron	Spectrum 500	Single Jet	3" - 4"
Metron	Spectrum 1000	Single Jet	6" - 8"

Turbine Meters

Manufacture	Model name or number	Type	Size
ABB Water Meters, Inc	Model T-3000	Turbine	1 -1/2" - 8"
ABB Water Meters, Inc	Model H-3000	Turbine	3"
Badger Meter, Inc.	Model 160	Turbine	1.5"
Badger Meter, Inc.	Model 200	Turbine	2"

Badger Meter, Inc.	Model 450	Turbine	3"
Badger Meter, Inc.	Model 1000	Turbine	4"
Badger Meter, Inc.	Model 2000	Turbine	6"
Badger Meter, Inc.	Model 3500	Turbine	8"
Badger Meter, Inc.	Model 5500	Turbine	10"
Badger Meter, Inc.	Model 6200	Turbine	12"
Badger Meter, Inc.	Model 6600	Turbine	16"
Badger Meter, Inc.	Model 10000	Turbine	20"
Elster	T4000	Turbine	1-1/2" – 12"
Elster	HT4000	Turbine	3"
DLJ	DLJ Cast Iron Turbine	Turbine	2"-20"
Hays	WT series	Turbine	2", 3", 4", 6" and 8"
Hersey Meters	Horizon	Turbine	1 1/2", 2", 3", 4", 6", 8", 10"
Master Meter	Series MMT, model TM13	Turbine	2"
Master Meter	Series MMT, model TM14	Turbine	3"
Master Meter	Series MMT, model TM15	Turbine	4"
Master Meter	Series MMT, model TM16	Turbine	6"
Master Meter	Series MMT, model TM17	Turbine	8"
Metron	Challenger	Turbine	3" – 6"
Neptune Technology	HP Turbine	Turbine	1 1/2"-20"
Neptune Technology	HP Fire Service Turbine	Turbine	3"-10"
Netafim	Model WT	Turbine	2"-12"
Sensus Metering Systems, Inc.	OMNI T ²	Turbine	1 1/2", 2", 3", 4", 6", 8", 10"
SeaMetrics	WJ series	Turbine	2" – 8"
Turbines, Inc.	TM Series	Turbine	1/2", 1, 1 1/2", 2", 2 1/2", 3", 4", 6", 8", 10"
Turbines, Inc.	WM Series	Turbine	3/8", 1/2", 3/4", 7/8", 1", 1 1/2", 2", 3", 4", 6", 8"

Ultrasonic Meters			
Manufacture	Model name or number	Type	Size
Badger Meter, Inc.	E-Series	Ultrasonic	5/8", 5/8" x 3/4", 3/4", 1" 3" 4"
Octave	36OCT	Ultrasonic	2" - 12"
Octave	SS316	Ultrasonic	2" - 12"
Siemens	Sitrans FUS1010	Doppler or Transit-	0.5"-360"

time Ultrasonic

Vertical Turbine Meters			
Manufacture	Model name or number	Type	Size
Hersey Meters	MVR 30	Vertical turbine	3/4" x 1/2"
Hersey Meters	MVR 30A	Vertical turbine	3/4"
Hersey Meters	MVR 30B	Vertical turbine	3/4" x 1"
Hersey Meters	MVR 50	Vertical turbine	1"
Hersey Meters	MVR 100	Vertical turbine	1 1/2"
Hersey Meters	MVR 160	Vertical turbine	2"
Hersey Meters	MVR 350	Vertical turbine	3"
Hersey Meters	MVR 650	Vertical turbine	4"
Hersey Meters	MVR 1300	Vertical turbine	6"

Vortex Meters			
Manufacture	Model name or number	Type	Size
Yokogawa Corp.	Model digital YEWFO(Dyxx)	Vortex	0.5"-12"