

# Preventative Maintenance Agreements

Panametrics has designed the Preventative Maintenance Agreements (PMA) to meet your daily operational flow meter needs while helping ensure meter uptime. Our Field Service Representatives will execute a thorough inspection of your flow meter system, perform a comprehensive inspection of the meters operating characteristics, review meter data and provide a report. The Preventative Maintenance work minimizes meter downtime, emergency replacement costs, and complies with most local, state, and federal regulations.



**Annual preventative maintenance:** Panametrics will execute a thorough inspection of your flow meter system as well as perform a comprehensive inspection of the meters operating characteristics on an annual or as requested basis. The work is comprised of field inspections and walk-downs, as well as meter diagnostic reviews.



**Data collection:** Panametrics will collect data to review your meters condition and performance. This data will be used to monitor the status of your meter over its lifetime. Our experts will review the data, provide a report illustrating the status by asset and data information to support any findings and recommendations.



**Reporting:** All identified expectations and meters health findings will be reported on your annual reports, using Panametrics' standard templates or custom reports to meet your needs.



**FlareCare<sup>SM</sup> bundles:** Take advantage of additional savings by bundling your PMA with your FlareCare<sup>SM</sup> and save more. We will ensure responsibility of providing full service for all your regulatory and non-regulatory meters.



**Training (Optional):** Provide your team with a solid foundation of ultrasonic theory and actual troubleshooting experience. The two-day course can be held at your site or a central Panametrics location and will provide hands-on training; instruction manuals, and lab stations for up to eight (8) attendees.

## Sample report

Equipment ID#	Equipment name	Jan 19	Apr 19	Notes
Flare Meters				
FM-1920	FlareMeter #1	U	R	Bent transducers, meter data/diagnostics numbers are poor. Need to order replacement parts and schedule service visit. FSR to follow up within the next 48 hours to schedule a return visit.
FM-1960	FlareMeter #2	N	G	
Coker Meters				
CM-1988	CokerMeter #1	G	G	
CM-1982	CokerMeter #2	G	M	Deteriorating wires, replace when possible
CM-1970	CokerMeter #3	M	N	

Good	G	No action required.
Minor	M	Notes show issue monitored. No action required.
Reportable	R	Issue notable to create notification for pending action. May be scheduled at a later date.
Serious	S	Issue notable to create notification and schedule. soon.
Unacceptable	U	Issue notable to be shutdown and repaired immediately. Will require an immediate response.
Not running	N	Not running/data not acquired.

## Questions?

Please contact [FlareCare@bakerhughes.com](mailto:FlareCare@bakerhughes.com) for more details.