



# Meggitt Sensing Systems

## System Training

Machinery protection system and condition monitoring system training courses designed for end users. Training is subject to the Meggitt Standard Global Terms and Conditions for Sale, available at <http://www.meggitt.com/commercial>

### Machinery Protection System Course

#### VM600 configuration & maintenance – 2.5 days with hands on exercises

1. VM600 overview: hardware and software, part numbering system identification
2. Front end overview: TQ series proximity probes and CA/CE series accelerometers
3. MPS software, part I: direct connection to rack, system configuration
4. MPS software, part II: alarm and danger level settings, relay settings
5. System commissioning: installation, signal, relay and output verification, networking
6. System troubleshooting: techniques and signal simulation
7. Sensor troubleshooting: removal and re-installation, bench testing
8. Spare parts identification



### Condition Monitoring System Courses

#### VibroSight configuration & optimization – 2.5 days with hands on exercises

1. System architecture and part numbering system identification
2. Software installation, licensing, system networking and firmware updates through System Manager
3. Configurator, part I: hardware view, input channels, processing block types, data entities, software alarms
4. Configurator, part II: machinery view, machinery operating conditions
5. Configurator, part III: data storage view and data logging rules
6. Configurator, part IV: Modbus and OPC
7. Server creation and database management
8. Live data, system optimization and troubleshooting



#### VibroSight users course – 2 days with hands on exercises

- 1 System architecture, client only licensing, system networking, connecting to Server
- 2 Vision, part I: plot catalogue (basic, composed, 3D), Vision projects, plot creation,
- 3 Vision, part II: machinery view, hardware view, docking framework
- 4 Vision, part III: retrieving data through machinery operating conditions
- 5 Vision, part IV: plot scaling, cursors, slow roll compensation
- 6 Event Manager overview
- 7 Mimic creation and use
- 8 Database management tools

Training for up to 8 students can be performed at our Eastern Energy Service Center in Londonderry, NH or at our Western Energy Service Center in Irvine, CA. Tuition includes all training materials, course completion certificate, all lunches and 1 group dinner.

Tuition: \$1000 (USD) per student, per class. If all three classes taken sequentially together the discounted rate is \$2400 (USD) per student. Please note, all travel and living expenses are the responsibility of the student.

## 2016 Schedule

Course Title	Dates	Location
VM600 configuration & maintenance	May 16-18, 2017	Londonderry, NH USA
VibroSight configuration & optimization	May 22-24, 2017	Londonderry, NH USA
VibroSight users course	May 25-26, 2017	Londonderry, NH USA
VM600 configuration & maintenance	Aug 8-10, 2017	Londonderry, NH USA
VM600 configuration & maintenance	Oct 3-5, 2017	Londonderry, NH USA
VibroSight configuration & optimization	Oct 9-11, 2017	Londonderry, NH USA
VibroSight users course	Oct 12-13, 2017	Londonderry, NH USA
VM600 configuration & maintenance	Nov 7-9, 2017	Londonderry, NH USA
VM600 configuration & maintenance	Dec 5-7, 2017	Londonderry, NH USA

## Instructors



### Matthew L Kennerson PE

Matthew is the MSS Energy Technical Support Manager for North America and is based in Londonderry, NH. He has 10+ years experience as a field engineer specializing in machinery diagnostics and 15+ years experience in service operations management and training. He is a registered professional engineer in NH and MA. He holds a bachelors degree in mechanical engineering from Rochester Institute of Technology and a masters degree in mechanical engineering from the University of New Hampshire. Matthew is Six Sigma green belt certified.



### Samuel Delabays

Samuel is a MSS Energy Technical Support Representative for North America and is based in Montreal, Quebec, Canada. He has 14+ years experience with Meggitt in both the aerospace and energy sectors. He has direct field experience in system commissioning, diagnostics and troubleshooting. Samuel also has significant experience in system integration including; design, construction, installation, supervision and overall project management. He holds a Swiss Federal Certificate of Capacity in Industrial Electronics from Ecole Professionnel de Fribourg.



### Michael Case

Mike is an MSS Energy Field Service Engineer for North America and is based in Londonderry, NH. He has 12+ years experience, mostly in the field, in energy services and the oil & gas sectors. Most of his field service experience relates to site installation, system commissioning, diagnostics and troubleshooting. Mike also has experience in condition monitoring system configuration and electrical layout drawing in AutoCAD. He holds a bachelors degree in electrical engineering from the University of Maine and is Six Sigma green belt certified.