

**Title: CBM (Condition Based Maintenance) for Maximized Reliability
and Life Cycle Performance**

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Abstract

CBM is, as we see it, a logical and natural step ahead for further utilizing the already available information in the existing CM (Condition Monitoring) solution. In this next step the equipment maker's/supplier's knowledge/experience is better used to support the operators/users/owners in their daily work and also for making predictions for the future.

Generally the CBM is an automatic data collecting and analyzing tool. The measured data is daily analyzed and automatically compared with the calculated dynamic ideal operation data "window" for the same operation conditions.

CBM solutions are today in use for some types of equipment, Diesel /gas engine power plants, gas and steam turbine installations etc., for other types of equipment it is under field testing / development.

As a concept CBM solutions can be developed for most kinds of equipment and installations.

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