

## عنوان مقاله:

Condition Based Maintenance (CBM) Concept & Techniques

## محل انتشار:

چهارمین کنفرانس تخصصی پایش وضعیت و عیب یابی (سال: 1388)

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## خلاصه مقاله:

Productivity is a key weapon for manufacturing companies to stay competitive in a continuous growing global market. Increased productivity can be achieved through increased availability. This has directed focus on different maintenance types and maintenance strategies [1][10]. Increased availability through efficient maintenance can be achieved through less corrective maintenance actions and more accurate preventive maintenance intervals. Condition Based Maintenance (CBM) is a technology that strives to identify incipient faults before they become critical which enables more accurate planning of the preventive maintenance [2]. CBM can be achieved by utilizing complex technical systems or by humans manually monitoring the condition by using their experience, normally a mixture of both is used [7][11]. Condition Based Maintenance, uses primarily non destructive testing techniques, visual inspection, and performance data to assess machinery condition. It replaces arbitrarily timed maintenance tasks with appropriate maintenance task at only when warranted by equipment condition . [10][11]. The aim of this paper is to illustrate the concept of CBM and to give brief introduction of various technical components of a complete CBM system approach, [selection of condition monitoring techniques and standards of CBM system [11

## کلمات کلیدی:

Condition Based Maintenance, Predictive maintenance, Pro-active maintenance, Maintenance Strategy, Open System (Architecture) (OCA)

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/76176>

