Calculating Overall Equipment Efficiency for Management Decision

Shocking OEE and the Correct Performance

Alexandru GIURA
QA Department, ALRO SA, Slatina, Romania
agiura@alro.ro

Abstract
Overall Equipment Efficiency (OEE) is the specific metric for Total Productive Maintenance (TPM) approach of achieving production efficiency. In order to take advantage of such approach OEE and its structural elements must be defined and calculated in a manner enabling the management to make the appropriate improvement decisions. This work proposes a changed structure and calculation manner for OEE and its components aiming to provide management with the adequate information for the decision process concerning the systematic achievement of equipment efficiency.

Keywords: Overall Equipment Efficiency (OEE), Total Productive Maintenance (TPM), process flow simulation, Work in Progress (WIP), productivity, hourly consumption

References: