

Machine Tool Condition Monitoring

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American Gear Manufacturers Association



TECHNICAL PAPER

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ABSTRACT:

Actual production applications of computer assisted Tool Condition Monitoring Systems will be reviewed from case studies over the last several years. New applications are being encouraged by the aircraft and automotive industries which have allowed untended manufacturing due to the development of new sensors and newly developed microprocessor strategy. There is a major impact on quality control, maintenance and machine uptime when tool wear, tool breakage and missing tool or forces can be accurately measured.

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MACHINE TOOL CONDITION MONITORING

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