New Standardization Projects

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The AGMA Technical Division Committees have been working on improvements and additions to our standardization efforts. We have three new projects to announce and are looking for technical experts from our membership to join the effort.

Our Metallurgy and Materials committee is kicking off a project to revise ANSI/AGMA 2004-C08, Gear Materials, Heat Treatment and Processing Manual, to bring the latest information into the document. Work on AGMA 923-C22, Metallurgical Specifications for Steel and Cast-Iron Gearing, will be used to help in the revision process, as well as using comments from the three reaffirmations of the document.

The recently reactivated Cutting Tools committee has initiated a project to update ANSI/AGMA 1104-A09 Tolerance Specification for Shaper Cutters to do a general update and add AAA tolerance definitions. They are also looking to add information on applying the tolerances to skiving cutters.

Finally, the Wind Turbine committee is starting a project, AGMA 950-Axx, with a temporary title of Wind Turbine Main Gearbox Condition Assessment based on Visual Inspection. This will be a definition and guidance document to support in-situ inspection of wind turbine main gearboxes to help with consistent nomenclature and techniques for evaluation.

These new projects, along with our existing nine projects listed below, show great dedication from our technical community to continuously improving our knowledge and information for our industry.

Current open standardization projects:

- AGMA 948-AXX, Electrified Vehicle Drivetrains. Working Draft stage.
- AGMA 949-AXX, Guidelines for Repair of Industrial Gearboxes. Working Draft stage.
- AGMA 1010-GXX, Appearance of Gear Teeth – Terminology of Wear and Failure. Working Draft stage.
- AGMA 908-CXX, Geometry Factors for Determining the Pitting Resistance and Bending Strength of Spur, Helical and Herringbone Gear Teeth. Working Draft stage.
- AGMA 936-AXX, Calculated Bending Load Capacity and Pitting Resistance of Powder Metallurgy, PM, External Spur and Helical Gears. Working Draft stage.
- AGMA 6011-KXX, Specification for High-Speed Helical Gear Units. Second General Ballot stage.
- AGMA 9000-EXX, Flexible Couplings - Potential Unbalance and Mass Elastic Properties. Committee Comment stage
- AGMA 919-2-AXX, Condition Monitoring and Diagnostics of Gear Units and Open Gears: Part II – Applications and Advanced Analyses. Working Draft stage.
- AGMA 926-DXX, Recommended Practice for Carburized Aerospace Gearing. Working Draft stage.

Should you be interested in any of these projects, please don't hesitate to contact *tech@agma.org* to find out more.