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GRANTA LAUNCH UPDATED METALS DATA IN THE 'STEEL CITY'

Demonstrations at MS&T show latest property information for aerospace alloys, metals for high-pressure environments, alloy standards, and steels.

Pittsburgh, PA - October 8, 2012 - Granta Design today announced the release of four updated metals data modules, helping engineers to find and use valuable information on metal performance, specifications, designations, and global metal equivalencies. The latest authoritative data for steels (**StahlDat SX**), alloy standards (**MI-21**), metals for high-pressure environments (the **ASME BVP Code**), and aerospace alloys (**MMPDS-06**) are now fully accessible to engineers using Granta's industry-leading materials information technology products.

The announcement was made at the Materials Science and Technology (MS&T) 2012 conference in Pittsburgh, 'the Steel City', where Granta are demonstrating the **GRANTA MI™** system, which enables engineers to apply the new data via a simple web browser interface, or from within Computer Aided Design/Engineering (CAD/CAE) software. Granta are also showing the latest **CES Selector™** software for the PC. This provides the MI-21 and StahlDat SX data through its new CES Metal Selector edition, supporting graphical plotting, comparison, material selection, and substitution studies.

The **StahlDat SX** steels data, licensed from the German Steel Institute (Stahlinstitut VDEh), provides essential input data for design, analysis, and processing, as well as for research. The update includes the latest additions and withdrawals from the official European Register of Steels, plus an improved and updated Supplier section.

The **MI-21** ('Metals Information for the 21st Century') data consists of specifications, standards, trade literature, and datasheets from the World Metals Index (WMI), plus data on metal joining and surface treatment consumables from The Welding Institute (TWI), backed up by two specialist and authoritative library services. The MI-21 project is coordinated by NAMTEC (the UK's National Metals Technology Centre), who have added hundreds of additional alloy and consumable specifications in the last year.

Engineers and Designers working with aerospace alloys will welcome the opportunity to access and apply **MMPDS-06** data securely, quickly, and traceably. This preeminent source of materials property data for aerospace component design (previously known as MIL-HDBK-5) now contains 2,611 datasheets, including new records on precipitation-hardened stainless steel, alpha-beta titanium alloys, and aluminium-beryllium hybrid alloys.

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The **ASME BPV Code** data on the metals used in boilers, pressure vessels, and power plant components has been updated to include the latest information on, for example, design stress. Maintained by the American Society of Mechanical Engineers (ASME), it offers access to both PDF copies of the ASME service book pages and a structured 'live' database providing the property data for search, comparison, analysis, and export to CAE/CAD.

"We are delighted to announce these latest data releases, strengthening Granta's support for metals," said Dr Patrick Coulter, Chief Operating Officer at Granta. "They demonstrate our commitment to releasing regular data updates which result from close collaboration with our data partners."

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LINKS TO FURTHER INFORMATION:

Granta: www.grantadesign.com

Granta's metals data: www.grantadesign.com/products/data/metals.htm

GRANTA MI: www.grantadesign.com/products/mi

CES Selector: www.grantadesign.com/products/ces/

Supporting images: www.grantadesign.com/news/media.htm

Image captions:

Browsing alloy property data stored in GRANTA MI through your web browser.

Comparing properties for steels from the Register of European Steels in CES Selector 2013.

The 'Find Similar' tool in CES Metal Selector allows you to easily identify drop-in replacement materials in cases of material obsolescence, restricted substance legislation, or simply rising costs.