



Introduction

The Honeywell Aerospace Pb-free materials statement underscores our dedication to minimizing the use of hazardous materials like lead (Pb) from our products, in alignment with evolving environmental regulations. This policy outlines our strategic adoption and implementation of Pb-free technologies across our hardware offerings. Leveraging an industry-leading Pb-free control plan, recognized as a benchmark for best practices, Honeywell Aerospace is committed to adapting to evolving regulatory directives that restrict the use of hazardous materials such as lead (Pb). Our policy reflects a proactive approach to accommodating the global supply chain transition to Pb-free materials, while ensuring the continued reliability and performance of our products.

Commitment to Pb-free adoption

In our pursuit of environmentally sustainable and performance-capable solutions, Honeywell Aerospace is implementing Pb-free technology across our hardware designs and platforms. Our strategy emphasizes robust product integrity and involves collective engagement with industry stakeholders and customers to ensure reliable product adaptations. Our industry-leading Pb-free control plan guides this transition, assuring product reliability and acceptance across industry stakeholders. Product modifications are strategically implemented on an individual basis, supported by comprehensive data and analysis.

Regulatory compliance and engineering practices

Honeywell Aerospace is committed to assessing and transitioning to Pb-free solder solutions and regulatory-compliant designs where appropriate, focusing initially on products within controlled thermal and vibration environments such as those found in pressurized cabins. This strategic approach allows us to gather essential data and experience while ensuring compliance with regulatory directives and meeting customer expectations. We recognize that not all applications can transition to Pb-free solders at this time, and as such, our approach will support the careful implementation of Pb-free technologies.

Industry leadership and stakeholder engagement

Our dedicated Pb-free subject matter experts (SMEs) are actively involved in key industry committees, including the SAE G24 and global electronics association Pb-free electronics risk management (PERM) councils. These groups are pivotal in crafting standards for the safe and reliable implementation of Pb-free technology in aerospace, defense, and high reliability markets. Moreover, they generate critical data and testing protocols, supporting the expansion of Pb-free solutions within the aerospace sector.

Conclusion

The application of Pb-free materials is vital for both regulatory compliance and the incorporation of advanced technologies across our products. Honeywell Aerospace is steadfast in its approach, guided by robust control plans, regulatory compliance, and active participation in industry standards and test data development. We remain committed to offering superior products while adhering to environmental and safety standards.