

Professional Summary

Product and Material Compliance Engineer with 7+ years of experience supporting global regulatory compliance across Automotive, Electrical & Electronics, Aerospace, Medical Devices, and Energy industries. Skilled in analyzing product composition, interpreting regulatory requirements, and enabling organizations to meet global compliance obligations through effective supplier engagement and cross-functional collaboration. Experienced in managing compliance workflows, supporting new product development activities, and delivering accurate regulatory declarations to customers. Recognized for strong stakeholder coordination, regulatory analysis, and consistently driving timely compliance outcomes across complex global supply chains. Additionally familiar with leveraging Generative AI and prompt engineering techniques to enhance regulatory research, documentation efficiency, and knowledge management.

Work Experience

Client: OEMs, Tier-1 & Tier-2 Supplier

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| Role | Compliance Engineer | Organization | Global PCCS |
| Duration | Jul 2018 to Oct 2021 | Industry | Automotive, EEE, Aerospace, Medical Devices |

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| Role | Material Compliance Engineer | Organization | CIE Golde Roofs Center India Pvt. Ltd. |
| Duration | Nov 2021 to Mar 2023 | Industry | Automotive |

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| Role | Technical Specialist I | Organization | TE Connectivity |
| Duration | Apr 2023 to Oct 2023 | Industry | Energy |

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| Role | Systems & Compliance Engineer | Organization | Horizon Global |
| Duration | Nov 2023 to Present | Industry | Automotive & EEE |

Job Responsibilities

- Reviewed BOMs, technical drawings, customer specifications, Material Safety Data Sheets (MSDS), and FMDs to assess product composition and initiate compliance workflows.
- Collected material and substance data from global suppliers and internal stakeholders (engineering, procurement, quality) through structured communication and follow-ups.

- Performed regulatory data screening using WPA, SPEC-STAR, and CMAP to identify hazardous substances and prepare SOC analysis reports for part and BOM-level compliance.
- Created and submitted part/material data trees in IMDS, CDX, and other compliance platforms as per customer requirements.
- Conducted data quality validation and integrity checks on IMDS submissions to ensure compliance with GADSL and OEM standards.
- Prepared and provided environmental compliance declarations and FMDs to customers.
- Coordinated with materials, purchasing, and application engineering teams to support new product launches and ongoing product improvements.
- Managed compliance system workflows and regulatory data queues, prioritizing requests to enable efficient handling of submissions.
- Monitored emerging regulatory requirements across various geographies, analyzed their business impact, and ensured organizational compliance.
- Developed and monitored compliance KPIs and operational metrics to track regulatory submission status and supplier response rates.
- Scheduled and led team calls and customer correspondence to address environmental regulatory survey queries and discuss potential compliance risks impacting business operations.
- Tracked and reported monthly team performance metrics and compliance deliverables.
- Conducted training sessions and regulatory awareness webinars for internal teams and suppliers on compliance requirements and tools.
- Utilized AI-assisted prompt engineering techniques to support regulatory research, compliance documentation drafting, and data analysis.

Technical Expertise

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| Compliance Tools | IMDS, CAMDS, CDX, SCIP Database, iPoint, Agile PLM, SAP-Material Management, S/4 HANA, BOMcheck, IPC 1752A, Chemsherpa, Assent |
| Environmental Regulations | EU ELV, REACH, RoHS, Conflict Minerals, Prop 65, TSCA, MDR, PFAS, WEEE, PoPs, BPR, EMRT, Halogen-Free, etc. |
| Sustainability | EU CBAM |
| AI & Automation | Prompt Engineering, Generative AI for regulatory research, documentation drafting, and workflow optimization. |
| Basic Software | Microsoft Office (Excel, PowerPoint, and Word) |

Educational Profile

Bachelor of Engineering – Chemical Engineering
Siddaganga Institute of Technology, Tumkur (2014 - 2018)