



We Design

Case Study Policies, Systems and Compliance

Introduction

Putting the Systems in Inspec Systems Ltd wasn't by accident. A systematic approach to managing large, safety critical assets, is essential.

From developing our own in-house systems to independently reviewing those of our clients, our engineers are perfectly positioned to support you in your journey towards compliance.



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Setting the Scene

A recent success story saw us deliver one such project; in which we reviewed and developed the following documents ensuring they are fit for purpose and in line with the latest industry best practice on behalf of a major UK utilities company:

- Electrical Safety Rules
- Electrical Switch Room Safety Training
- Determination of Electrical Live Working Requirements
- Site Electrical Training Policy
- Procedure for Electrical Training
- In-Service Inspection and Testing of Electrical Equipment
- Acceptance of Equipment Requiring Electrical Supply onto Site Procedure
- Review of Arc Flash requirements



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This was achieved in two phases, firstly our engineers performed a desktop review of the documentation along side the latest standards and regulations.

Secondly, we held a number of workshops with the Client to explore the builds to ensure they remain consistent with the Clients day to day practices and other systems.



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ATEX/DSEAR Compliance

Leading the journey towards compliance we set out a systematic plan to identify and close longstanding gaps in their ATEX and DSEAR compliance. We carried out a comprehensive review and audit of their existing systems, including:



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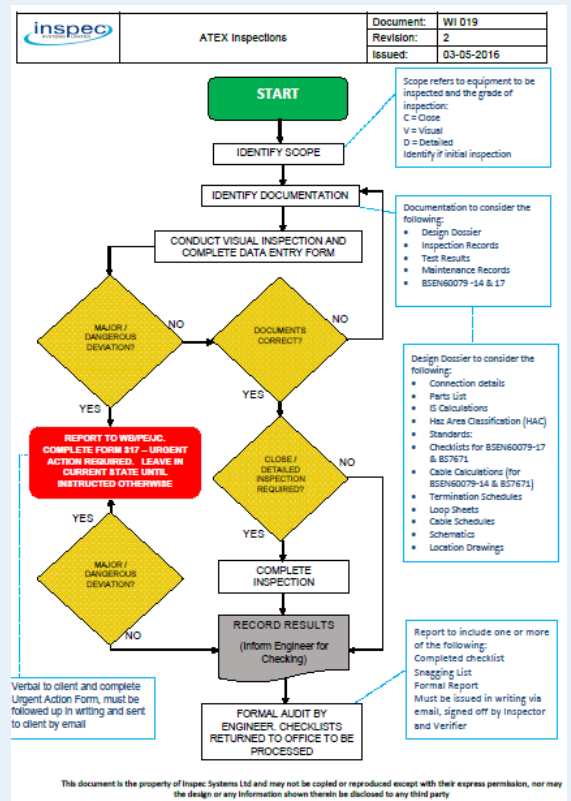
- Full site audit of electrical and non-electrical (mechanical) ATEX assets including:
- Health check assessment,
- Compilation into a new state of the art asset register
- Development of a new ATEX Inspection Test and Maintenance Procedure
- Development of a new Checklist for Electrical Live Working and Hazardous Activities



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Developing the approach for the site audit required a new ATEX asset register to be implemented for the client. This would provide a structured database for storing comprehensive details for the assets and to allow ongoing inspection and testing, as well as acting as a reference source for the technical dossier. This database was delivered following the production of:

- A Database Specification document ,
- Hazardous area inspection sheets,
- A standard defect list, and
- An import data list in excel taking the sites existing database as the starting point.



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Final handover of the project included:

- An ATEX Audit report,
- An ATEX register,
- A executive summary presentation giving the salient findings and recommendations for the next steps on the clients journey to compliance for senior stakeholders.



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Next Steps

Whilst the client may be in the early stages of their compliance project, we are confident that by taking the following steps they will reach their destination and ensure the ongoing safety of their facility:

- Documentation gap analysis – a sample desktop review of their available technical files to identify systemic gaps against the requirements of BS EN 60079 part 14.
- Closing the gap – following the gap analysis we would look to close the gaps sitewide ensuring a comprehensive technical dossier including all documentation and certification. This would likely include a site survey and design review by our CompEx 12 engineers to give the requisite designer sign off for the installation.
- Remediation – as part of the survey works any non-conformances have been noted allowing for early remediation prior to inspection.
- Inspection – as required by BS EN 60079 part 17 installations within hazardous areas need periodic inspections to be performed to ensure the ongoing safety and integrity of the plant. Working with the Client our CompEx qualified inspectors are poised to deliver a schedule of inspection and ongoing maintenance / remediation as required and agreed.



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Conclusion

Achieving compliance is not an overnight success, but through a systematic, planned, and committed approach this can be achieved as we have demonstrated time and again.



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We also reflect on some of the difficulties and timescales but conclude that the sooner you start, the sooner you get there ensuring you fully identify, and have a chance, of effectively managing the risks to your business.

What Next?

Why not give us a call and speak to our team to see how we can help you on your journey to achieving compliant systems.



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Contact Us

From concept to completion or at any stage we have the skills, capability, judgement and drive to support your projects.

Call us now to find out what we've been up to and how you can take benefit from our lessons learned over the past 20 years.



Contact Us

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