



Gillies Associates Limited
Environment, Health and Safety Consultants
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Validation of Worker Exposure Scenarios



- ◆ How do you know if exposure prediction models are accurate?
- ◆ Are DU using “appropriate RMMs”?
- ◆ How certain are you that your ES reflects true exposure in the real world?
- ◆ Can you claim exposure-based adaptation?

Many Exposure Scenarios (ES) under REACH have been developed using Tier 1 and Tier 2 modelling techniques. Many of the techniques are conservative and over-estimate exposure but in some circumstances they can under-estimate exposure. The use of air and biological monitoring to validate modelled exposures gives a better assessment of exposure. This can give reassurance about the quality of the scenario as well as clarify where and when Risk Management Measures are required. ECHA guidance states that exposure measurements are preferred to estimates from models and in some instances can be used to waive the need for animal testing. Having verification data can also offer a competitive advantage where downstream users are requesting it.

Gillies Associates Limited can help by designing sampling strategies and undertaking air and biological monitoring which will validate exposure scenarios. Our service can be tailored to your needs to provide a cost-effective solution.

Contact Us

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