Environmental Technology Verification (ISO 14034)

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What is it?

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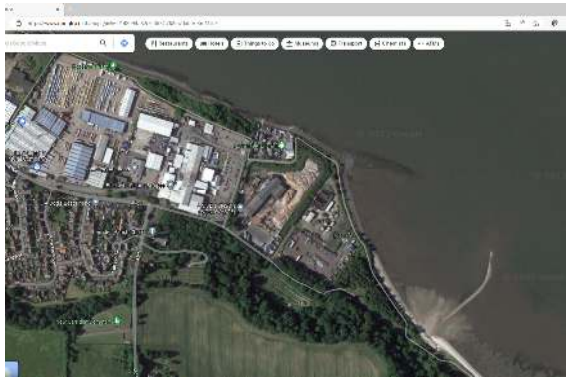
- ETV is a process providing **independent and credible** information on new environmental technologies, by verifying that performance claims are complete, fair and based on reliable test results
- Analytical data must all be accredited ISO 17025



Scope?

Field of Inspection	Type and Range of Inspection	Method and procedures
EU Environmental Technology (ETV): Verification of performance claims made by technology manufactures	Water Treatment Technologies Waste Water Treatment Technologies Associated Measurement Technologies	Documented in house procedures implementing ISO 14034:2016

Who does this?

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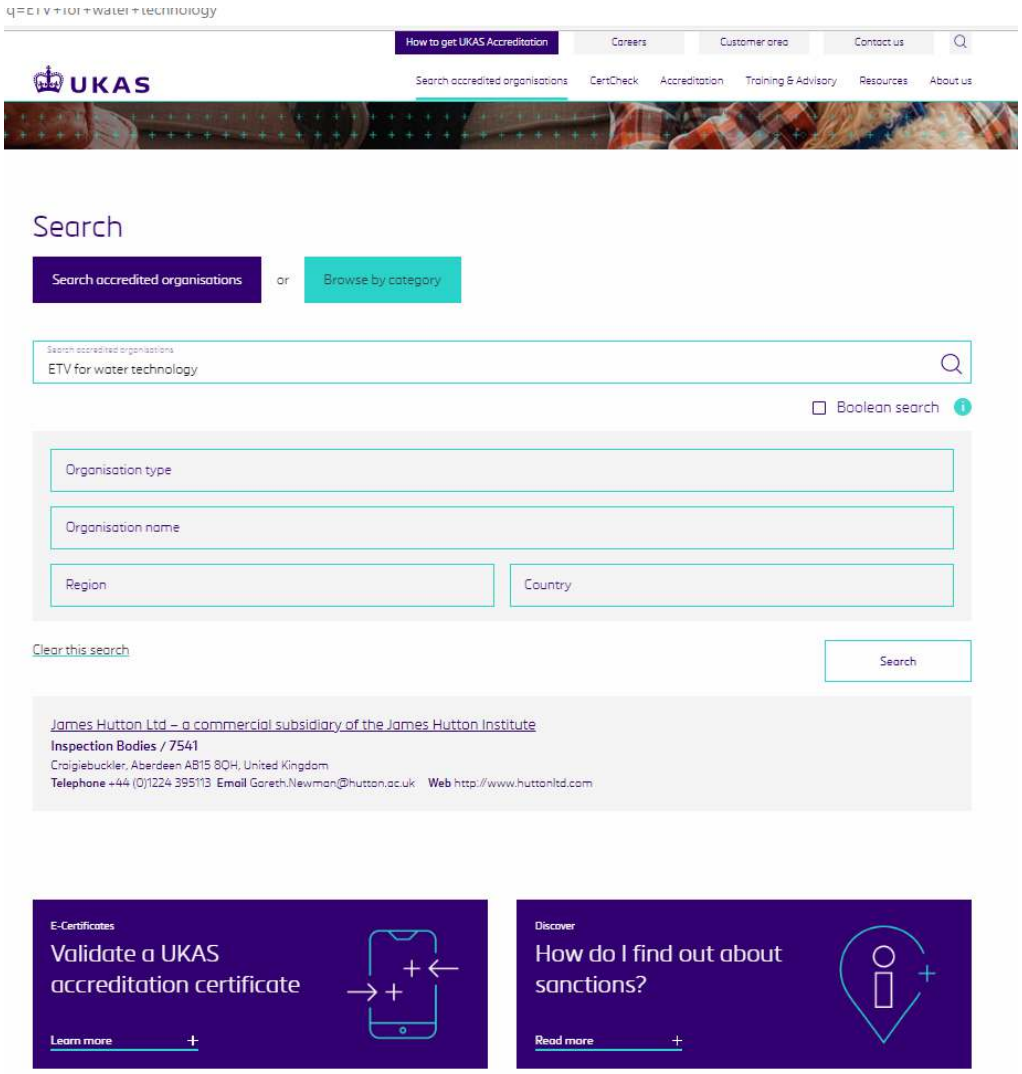
UKAS.com

Search “ETV for Water technology”



How does ETV benefit SMEs?

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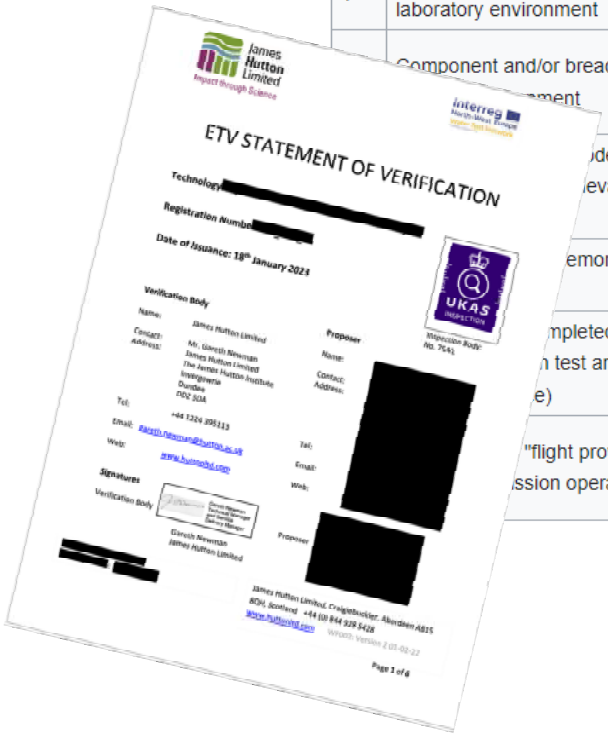
- By assisting with designing the validation and robustly verifying the claim made against new technologies.
- Raising the TRL (4-6)
- Creating a full report on the verification process for the SME
- Creating and publishing a searchable statement on our website that carries the UKAS inspection logo

TRL	NASA usage[4]	European Union[5]
1	Basic principles observed and reported	Basic principles observed
2	Technology concept and/or application formulated	Technology concept formulated
3	Analytical and experimental critical function and/or characteristic proof-of concept	Experimental proof of concept
4	Component and/or breadboard validation in laboratory environment	Technology validated in lab
	Component and/or breadboard validation in ...ment	Technology validated in relevant environment (industrially relevant environment in the case of key enabling technologies)
	...del or prototype ...evant environment	Technology demonstrated in relevant environment (industrially relevant environment in the case of key enabling technologies)
	...emonstration in a space	System prototype demonstration in operational environment
	...mpleted and "flight ...n test and demonstration ...e)	System complete and qualified
	..."flight proven" through ...ssion operations	Actual system proven in operational environment (competitive manufacturing in the case of key enabling technologies; or in space)



What is the process?

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- Application
- Review
- Verification
- Reporting
- Post verfication