



Webinar

Counterfeit, Fraudulent and Suspect Items

Helping you avoid CSFI in your business

- Thank you for joining.
- You can ask questions via the Q&A button in the zoom menu. During the webinar, all attendees are muted.



STORK INTRODUCTION TO GIVE CONTEXT TO THIS PRESENTATION



Stork provides fully integrated operations, maintenance turnarounds, modifications and asset integrity solutions.

We keep assets running at peak performance by supporting all phases of the asset life cycle.



Counterfeit Fraudulent and Suspect Items



PRESENTER INTRODUCTION



Craig Sharp

Quality Services Manager, Stork



Gary Rushforth

Supply Chain Assurance Manager, Sellafield Ltd

INTRO

COST OF POOR QUALITY



QUIZ ORIGINAL OR FAKE?

A



B



QUIZ ORIGINAL OR FAKE?

A



B



QUIZ ORIGINAL OR FAKE?

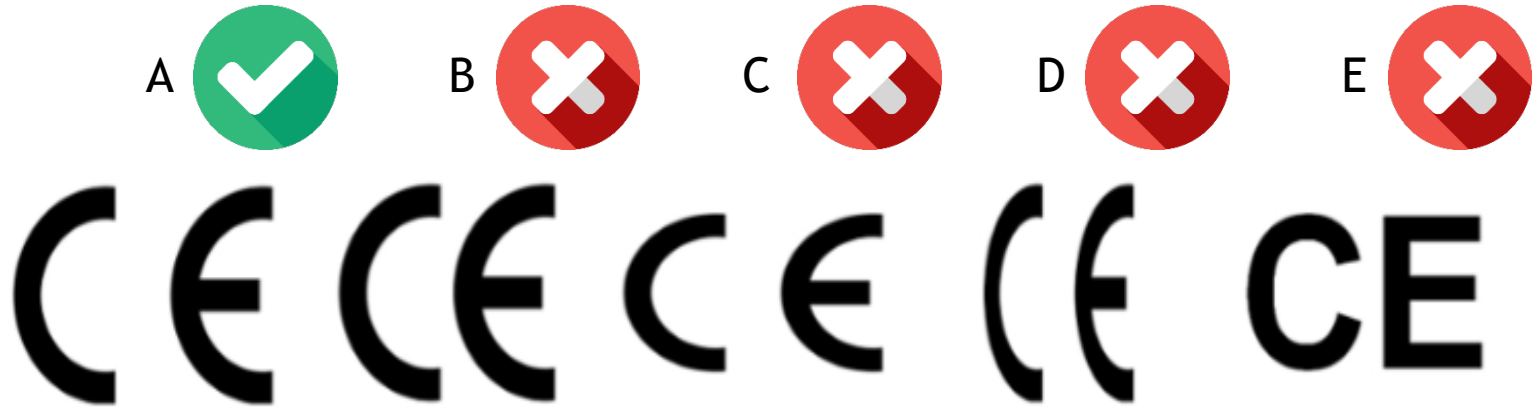
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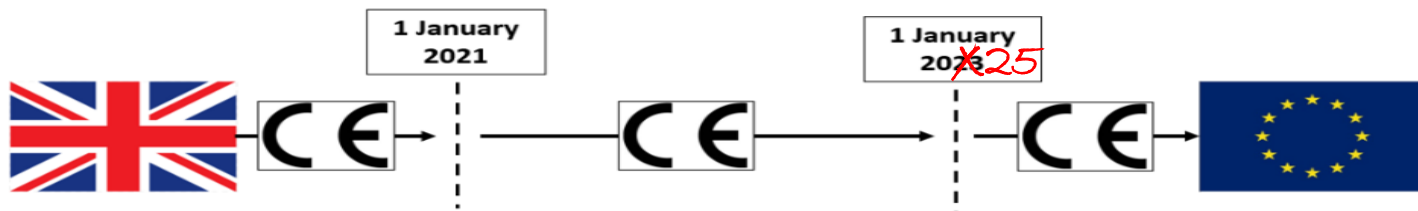
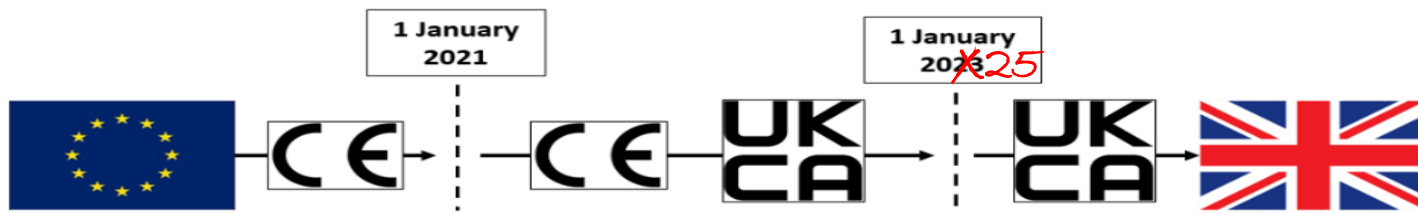
B



QUIZ ORIGINAL OR FAKE?



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QUIZ ORIGINAL OR FAKE?

A



B



QUIZ ORIGINAL OR FAKE?

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B



QUIZ ORIGINAL OR FAKE?

A



B

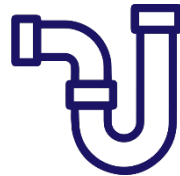


QUIZ ORIGINAL OR FAKE?

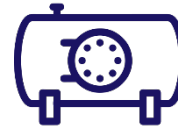
CONSTRUCTION INDUSTRY TOP 10 MOST COUNTERFEITED PRODUCTS



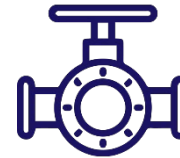
Steel



Pipe Fittings



Pressure Vessels



Valves



Rotating Equip Parts



Electrical Equipment



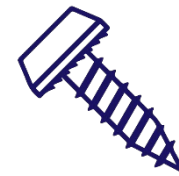
Pipes



Circuit Breakers

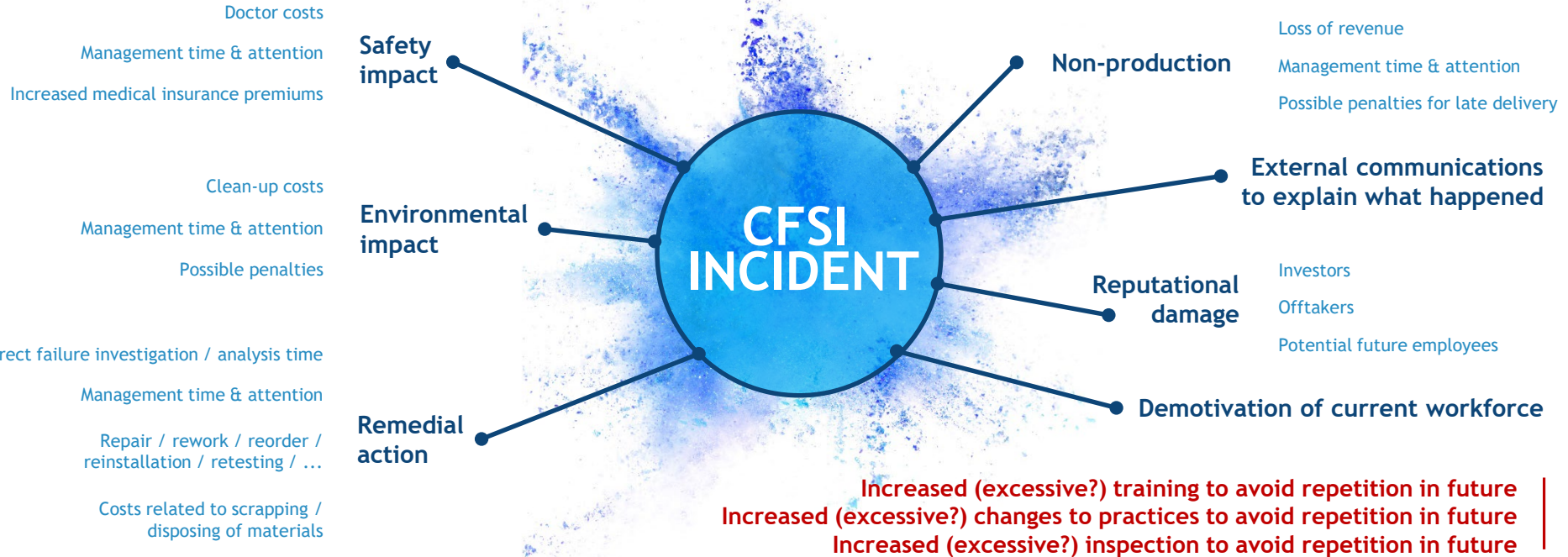


Cement

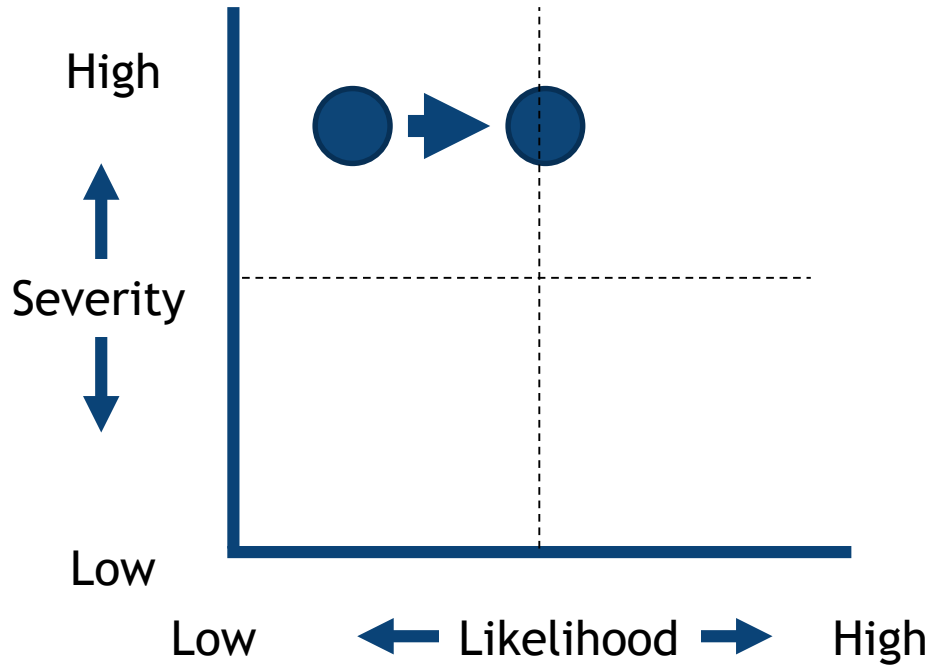


Fasteners

CFSI POSSIBLE CONSEQUENCES



CFSI LIKELIHOOD



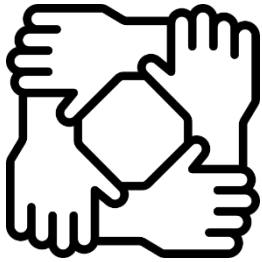
Risk = Severity x likelihood

Consequence: when it occurs, severity can be very is high

Likelihood is on the rise

CFSI

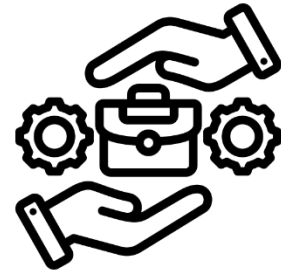
HOW TO MITIGATE



Culture



Practices



Execution

CFSI

HOW TO MITIGATE



Culture

- Awareness training
- **All levels in the organization**
- Together with supply chain
- Functional training: Education on how to spot CFSI

CFSI

HOW TO MITIGATE

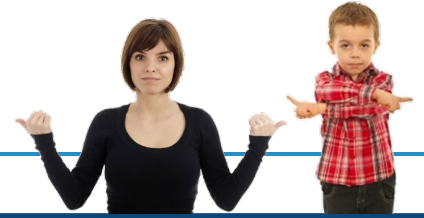


Culture

10 x to spot CFSI

1. The product / material is known to be susceptible to counterfeiting.
2. A suspected CFSI of similar type has been previously reported.
3. Lead times are shorter than other suppliers.
4. There is a sudden availability of obsolete or hard to source goods.
5. Prices are cheaper than expected.
6. Scrapping or rework of non-conforming products will be extremely costly.
7. If it is too good to be true, it probably is ...
8. The provider is not OEM, authorized distributor or is unknown within the industry.
9. There are slight differences in packaging or labels, or spelling mistakes.
10. The provider of the goods is known to be in poor or declining financial position.

CFSI HOW TO MITIGATE



Practices



Write and issue policies and practices, checklists



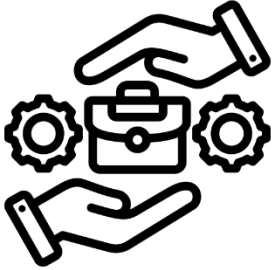
Design - Clearly define technical specifications



Procurement - Ensure that these requirements are passed down through the supply chain

CFSI

HOW TO MITIGATE



Execution

- Requirement for **competent QA/QC teams** with challenging safety approach.
- Provide **Inspection & Quality Assurance checks** at stage gates in the project
- **Involve people** in the business: they get the most repetition. Share trend of applying remote collaboration to do inspection, thereby giving people a lot more repetition and not wasting time & money traveling
- **Don't under-estimate language barriers:** make use of local resources, eliminate any misinterpretation.
- **Validate everything:** company, the equipment, the documents, life time records.
- **Use checklists** to ensure consistency and continuity.

Guest speaker



Gary Rushforth

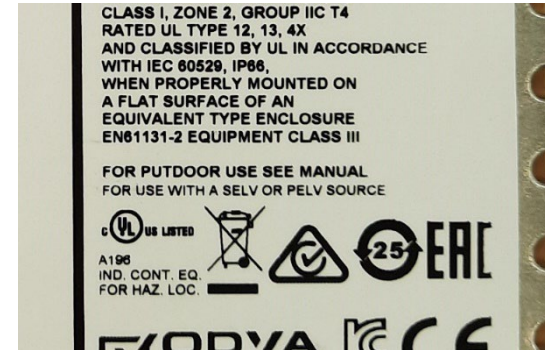
Supply Chain Assurance Manager,
Sellafield Ltd



CFSI

3 EXAMPLES @ SELLAFIELD

- **Valves** - UK Brand failed in service at 2 far Eastern power stations.
- **HMI Display Panel** - Found at goods receipt in the supply chain
- **ISO 9001 Certificate** - Discovered during tender review

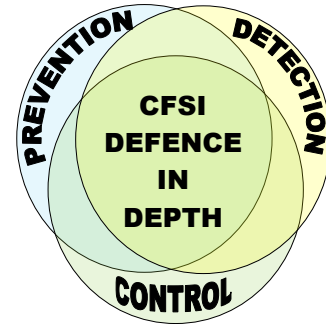


CFSI CULTURE @ SELLAFIELD



Culture

- External CFSI Questionnaire
- CFSI awareness material issued to all direct contracts
- Sessions within the communities of practise (internal)
- SDF SCQWG - CFSI Education material
- Supplier information pack





Practices

Regulatory requirements

- Expectation by the ONR to mitigate against CFSI
- SLM 4.06.02 - Contract Quality Requirements updated to include CFSI

Procedures

- SLM 4.06.02 Contract Quality Requirements
- Guidance on CFSI introduced in 2015
- SLSP 4.06.47 - Guidance on CFSI revised
- Quality Assessed Supplier List (QASL)
- Deep Dive Supplier Assist



Contract Quality Requirements Manual

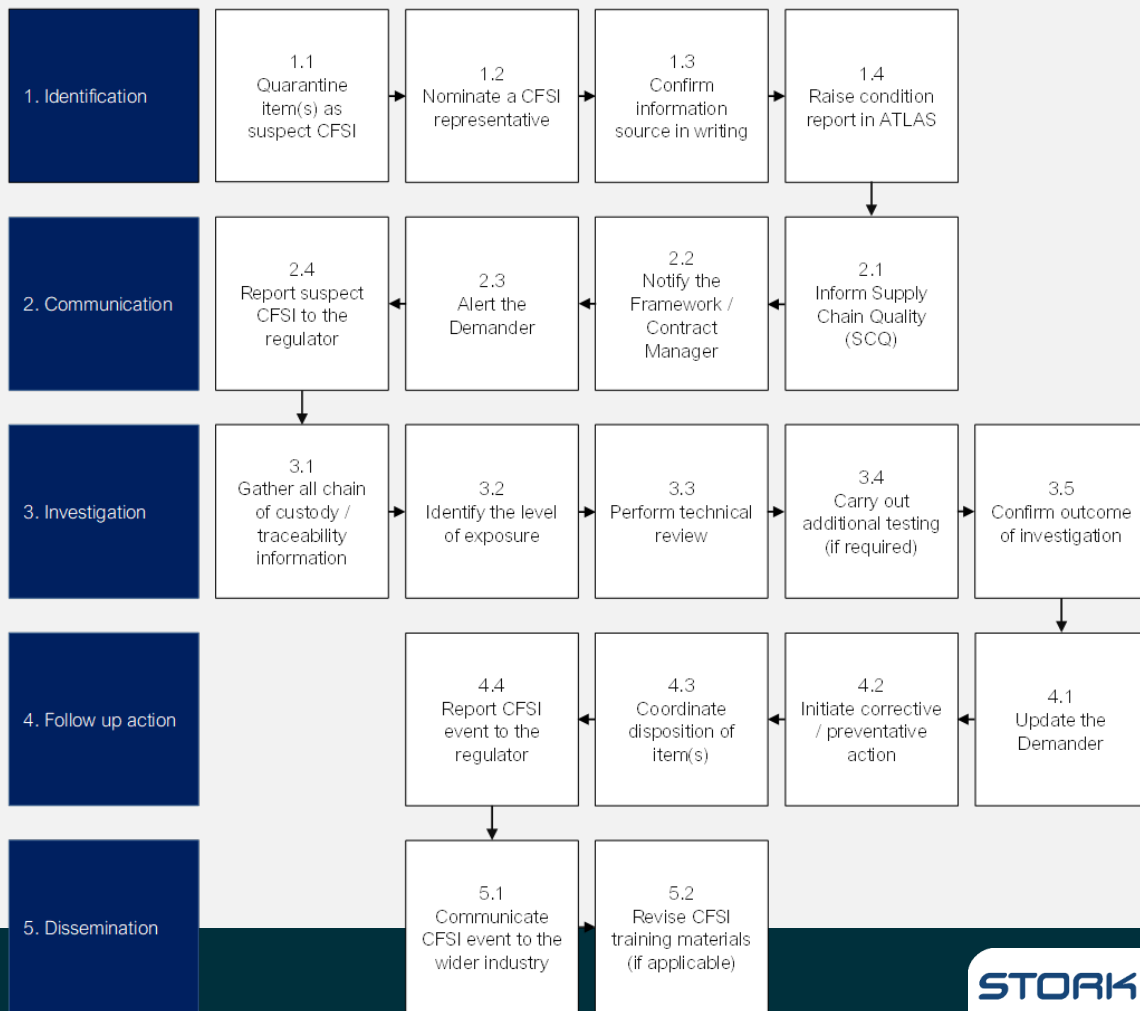


Sellafield Ltd, Registered in England number 1002807

CFSI 19 STEP PROCESS



Practices



CFSI EXECUTION @ SELLAFIELD



Execution

- Flow-down of SLM 4.06.02 Contract Quality Requirements
- CFSI checked during QASL on boarding process
- Revised CFSI 19 step process trialled
- CFSI Champions
- External partners

POLL

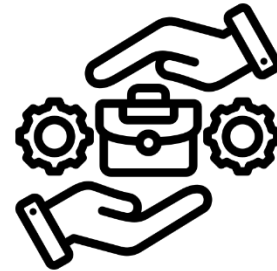
WHICH ELEMENT IS THE MOST IMPORTANT?



Culture



Practices



Execution

CFSI

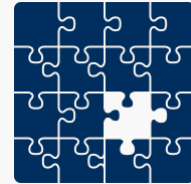
THE COST OF POOR QUALITY



RECAP



- Make CFSI part of your culture
- Get CFSI in your practices
- Involve competent QA/QC teams during execution



STORK

A Fluor Company



> **QUESTIONS?**

QUALITY SERVICES CONTACT US



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GLOBAL QA/QC



EXPEDITING



SURVEILLANCE



VERIFICATION

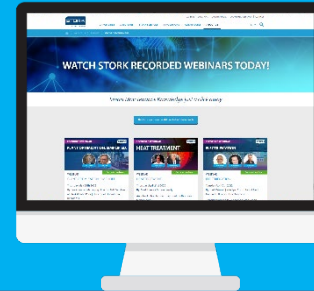


THANK YOU FOR ATTENDING!

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