

Questionnaire on CUI

Personal Details

Title: Mr. Ms.

Name:

Company:

Position:

Age Group: 26-35 36-45 46-55 56+

Section 1

1.1 Which are your areas of involvement in the problem of CUI?

- | | |
|--|--|
| <input type="checkbox"/> Corrosion inspections | <input type="checkbox"/> Insulation application |
| <input type="checkbox"/> Maintenance | <input type="checkbox"/> Coating application |
| <input type="checkbox"/> Design | <input type="checkbox"/> Insulating material manufacturing |
| <input type="checkbox"/> Cost control | <input type="checkbox"/> Coating material manufacturing |

1.2 In which industrial fields have you gained your experience with regard to CUI?

- | | |
|--|---|
| <input type="checkbox"/> Oil & Gas | <input type="checkbox"/> Power generation |
| <input type="checkbox"/> Chemical | <input type="checkbox"/> Steel production |
| <input type="checkbox"/> Petrochemical | <input type="checkbox"/> Offshore |
| <input type="checkbox"/> Other process industry: | |

1.3 How many years of experience have you gained concerning CUI?

1.4 Have you attended any particular training or course concerning CUI?

1.5 Can you estimate your budget related to CUI in absolute or relative (% of total maintenance budget) figures?

Section 2

2.1 Which of the following elements is mostly responsible for creating CUI? (*you can also indicate a ranking: 1 = higher responsible – 6 = lower responsible*)

- | | |
|--|--|
| <input type="checkbox"/> Equipment materials | <input type="checkbox"/> Cladding |
| <input type="checkbox"/> Insulation | <input type="checkbox"/> Maintenance practice |
| <input type="checkbox"/> Installation practice | <input type="checkbox"/> Corrosion inspection practice |
| <input type="checkbox"/> Equipment coating | <input type="checkbox"/> Other: |

Ranking:

- | | |
|----|----|
| 1. | 4. |
| 2. | 5. |
| 3. | 6. |

2.2 Which of the following elements has the higher improvement potential in reducing the problem of CUI? (*you can also indicate a ranking: 1 = higher potential for improvement – 6 = lower potential for improvement*)

- | | |
|--|--|
| <input type="checkbox"/> Equipment materials | <input type="checkbox"/> Cladding |
| <input type="checkbox"/> Insulation | <input type="checkbox"/> Maintenance practice |
| <input type="checkbox"/> Installation practice | <input type="checkbox"/> Corrosion inspection practice |
| <input type="checkbox"/> Equipment coating | <input type="checkbox"/> Other: |

Ranking:

- | | |
|----|----|
| 1. | 4. |
| 2. | 5. |
| 3. | 6. |

Section 3

Do you believe CUI is a result of an individual material failure or a system failure (combination of materials from pipe to coating and cladding etc.)?

- Individual material failure
- System failure

Section 4

Which, of the following, represents a major concern/criterion when deciding to insulate?

- Insulation effectiveness for its purpose
- CUI
- Budget limitations
- Other:

Section 5

5.1 What is your current inspection and maintenance strategy to avoid CUI?

- Insulation and cladding replacement as soon as defects are visual
- Replace the insulation and/or cladding when budgets allow
- Other:

5.2 Do you have an awareness program for CUI?

5.3 Do you have a CUI strategy?

5.4 What is your current inspection and maintenance strategy regarding insulation?

- Verify if the insulation materials are sufficient and efficient (e.g. employment of energy audits, thermography inspection, etc.)
- Preventative maintenance, or risk assessment, of the insulation and cladding system to determine if any corrosion or water is present
- Other:

Section 6

6.1 Do you know any of the following documents regarding CUI?

- CINI
- NACE SPO198
- EFC Publication No. 55
- AGI Q151
- Other:

6.2 Which of the following documents has been most useful to you concerning CUI?

- CINI
- NACE SPO198
- EFC Publication No. 55
- AGI Q151
- Other:

6.3 Do you believe there is a need for a new technical document regarding CUI, facing this problem from a holistic point of view?

- Yes
- No

6.4 What type of improvement would you like to see in this new paper development, when compared to the documents you already know?

6.5 In the event that you believe a new document on CUI is required, would you support it and get involved in its creation?

- Yes
- No

6.6 Would you like such a document to become an international 'Standard'?

- Yes
- No

Additional comments:

6.7 Which party should be present at a work shop on CUI?

- Asset owner
- FEED / EPC
- Product manufacturer
- SHE manager
- Corrosion / metallurgic, experts (also from universities)
- Coating experts (also from universities)

Other:

Thank you for your cooperation.