

## 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.*