

Insulation Outlook Article Questionnaire

The NIA publications staff has created a list of questions to gather the details of a project. The questions are designed to be easy to answer and give us details to generate an interesting article for you. As not all questions are relevant to all projects, please skip those that don't pertain to your job. After we review your answers, we will schedule an interview with you or members of your team to make sure we understand the project and to get quotes from participants. Once we have an article draft, you can review it and make any revisions or add additional details or thoughts. Please send completed forms to editor@insulation.org.

General Project Details

- 1) What NIA member companies were involved?
- 2) What city and state was the project located in?
- 3) What type of facility or plant was it?
- 4) How would you classify this project? (commercial, industrial, petrochem, etc.)
- 5) What type of system and operating temperature? (chilled water lines, cryogenic, refractory, steam, etc.)
- 6) Was this a maintenance project or new construction?
- 7) Was the system indoors or outdoors? What environmental factors would the insulation system be exposed to?
- 8) How often has your company done projects like this? Was it typical type of work or unique?
- 9) Was this job considered big, medium, or small for your company?
- 10) Did you see anything unique or learn anything from this job? Or the reverse, did you see a common industry problem or pain point that you would like to address? If so, please explain.

Mechanical Insulation Details

- 1) Did you choose the insulation materials or were they previously specified?
- 2) What were the details of the insulation system(s) that was installed?
 - a. What type of insulation was used for this project? (Please give the brand name, manufacturer, and generic insulation type. For example, Trymer 2000, ITW, PIR [polyisocyanurate].)
 - b. What prepping did you have to do to install the system? Were there any energy audits or reporting beforehand? Were there any issues onsite?
 - c. Did the system need a mastic or coating? How much insulation was used? Is there any available measurement? (If not, that is fine.) Were there any insulation accessory products or other insulation materials used on the system, such as vapor barriers or jacketing? If so, why were they used and what were they?
 - d. Did you use a MICA plate to submit or explain the system design or layers?

- 3) If known, what were the conditions that led to the insulation being chosen, (e.g., system conditions, ambient conditions, temp, personnel protection, efficiency, ROI, etc.)
- 4) What are technical properties and benefits of choosing this material?
- 5) What conditions were laid out in the specification that this material meets?
- 6) Are there other insulation materials that would be appropriate for this type of system in this environment?

The Installation Process

- 1) Describe the installation process, including any necessary equipment. Does the product chosen require special training to install?
- 2) Were there any complications or challenges in the install process? (e.g., weather, space restrictions, budget, etc.)
- 3) What are the benefits to this facility or plant for properly installing this particular insulation system? (e.g. more efficient operations, energy savings, longer system life, etc.)
- 4) If the system was not insulated or insulated incorrectly, what would be the consequences?
- 5) Was there any praise from the facility or plant or results you would like us to include?

Publishing Questions

- 1) Do you think this article should be a “how to/best practices” type of article, a unique case study, or something else? How would you characterize it?
- 2) Do you have any photos or graphics that you would like to have published with this article?
- 3) Do we need to get permission or have the article reviewed by the plant or facility? Are we using their name or are we keeping them anonymous and just using a general description and location?
- 4) Who should we list as the author of this article? Please send us their bio, including name, title, years of experience, areas of expertise, and email address. We can also include a brief description of your company, products/services, and website address.

Thank you for your assistance in creating this article! Please feel free to give us feedback on this newly created form.