

# DOES THIS LOOK FAMILIAR?

## cold storage facilities are unique

Replacing an existing roof or new construction over a cold storage facility is unlike standard roofing construction. Paying close attention to detail, having the correct design, quality and compatible material, and close supervision is a must.

Nohava Construction prides itself in having knowledge and experience with clear understanding of the critical nature of the cold storage-to-roof vapor barrier tie-in with a custom made and successful application.



**When reroofing an operational cold storage facility it is critical that more than the standard roof replacement criteria be considered.**





**Without a proper standard roof tie-in, water is allowed to penetrate the tie-in and vapor will be allowed to permeate the vapor barrier tie-in.**



Moisture stored in the roof assembly will travel from one dew point location to another as the ambient outdoor temperature changes. In the summer, ice settles as the top melts and refreezes at a lower level. In the winter when the exterior temperature is cold, this moisture migrates up close to the underside of the membrane, condenses, and returns to the lower levels during the next warm cycle.

The cycling of moisture within the assembly increases with time, increases in quantity, and also increases the deterioration of various protective systems.

Once the roof assembly has been fractured, some locations will have roof leaks but other locations will have vapor leaks.

Nohava Construction is approaching one million square feet of experience in cold storage facilities whether it is total tear off, roof replacement or new construction.

**Some clients include:**

- Cloverfield Cold Storage (IA, OH, MO)
- Nor-Am Cold Storage (IA, MO, NE, TX)
- Skylark Meats (NE)
- Triland Foods (IA)

For photos of installed roofs please see [nohavaconstruction.com](http://nohavaconstruction.com)

Nohava Construction offers a free roof evaluation.

**Please call us at 712.548.4437**



**specializing in quality workmanship with an  
ELITE roofing contractor status**