

# SILO INSPECTION



# MOLE-MASTER<sup>®</sup> SERVICES CORPORATION

**INVEST IN A SILO INSPECTION TODAY**

# **It Could Save Money... and *Lives***



Many silos in use today date back to the 1940s. This may not seem like a problem because silos appear to be indestructible from the outside. The fact is, however, that many silos across the country have **never been inspected** structurally or otherwise. These storage vessels can degrade due to weather, usage, and simply the passage of time. ***Without an inspection to uncover any integrity issues, silos can actually collapse without warning.*** Not only is this a problem in terms of replacement cost; worse yet, it can cost the lives of anyone working on or around the structure.

There is no reason for this type of accident to occur. Properly certified engineers can evaluate a silo to make sure everything is structurally sound. ***An investment now can truly prevent tragedy in the future.***

# SILO INSPECTION PROCESS

## What to Expect During a Mole•Master Silo Inspection

Mole•Master approaches all projects with safety and clear communication being of the highest priority. Silo Inspection Projects are no different in that regard. Part of clear communication is working with the customer to develop a plan, prior to the start of the project, that clearly provides a scope of work and meets the customers' expectations.



### The Mole•Master Silo Inspection process includes the following steps:

- A structural engineer, sometimes accompanied by a designer, visits the site to conduct field observations.
- The engineer visually observes the exterior silo walls using binoculars to see if there are any areas of deterioration that should be looked at more closely.
- A three-pound hammer is utilized to test the wall of the silo in multiple locations. This sounding process can help determine if there is a potential for delamination. If issues are suspected, the engineer may drill and remove a small core from the wall for further inspection.
- Visual inspection of the silo's interior occurs next. If there are areas where build-up has accumulated, the engineer may request it be removed so the walls can be evaluated more effectively. Mole•Master's exclusive **Big Mole™ Service, Junior™ 360° Whip Machine** and **Arch•Master™ Portable Auger System** can be used for these purposes.
- Any areas of deterioration are photographed.
- After the inspection, Mole•Master will detail any areas that should be cored and tested.
- After the work is completed, a written report is submitted to the customer. This will summarize all observations along with recommendations on how to fix any problem areas.



## DEGRADATION FOUND BY SILO INSPECTION



## ABOUT MOLE-MASTER™

Mole•Master combines expertise in both manufacturing and service to provide turnkey solutions to industrial plants of all types and sizes.

Since 1986, Mole•Master has been an industry leader in providing safe, reliable, cost-effective industrial services ranging from silo and bin cleaning to structural inspections, pipe

cleaning, vacuum services, hydro-blasting, media blasting and cardox method blasting like Safe-T-Shot™.

# MOLE-MASTER<sup>TM</sup>

## SERVICES CORPORATION



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