

VARIABLE

AUTOMATION & MANUFACTURING, LLC

TAKE CONTROL OF THE FUTURE

**Items to be made aware of when planning for upgrades or new construction.
The following is a list of OSHA rules concerning grain facilities.**

1910.272(q)(4)

The employer shall:

1910.272(q)(4)(i)

Mount bearings externally to the leg casing; or,

1910.272(q)(4)(ii)

Provide vibration monitoring, temperature monitoring, or other means to monitor the condition of those bearings mounted inside or partially inside the leg casing.

1910.272(q)(5)

The employer shall equip bucket elevators with a motion detection device which will shut-down the bucket elevator when the belt speed is reduced by no more than 20% of the normal operating speed.

1910.272(q)(6)

The employer shall:

1910.272(q)(6)(i)

Equip bucket elevators with a belt alignment monitoring device which will initiate an alarm to employees when the belt is not tracking properly; or,

1910.272(q)(6)(ii)

Provide a means to keep the belt tracking properly, such as a system that provides constant alignment adjustment of belts.

1910.272(q)(7)

Paragraphs (q)(5) and (q)(6) of this section do not apply to grain elevators having a permanent storage capacity of less than one million bushels, provided that daily visual inspection is made of bucket movement and tracking of the belt.

We have products and solutions to help stay OSHA compliant and reduce operating costs. With our systems you can add in maintenance schedules, send alarms to computers via e-mail and text messages when equipment is out of set parameters, bin leveling, temperature, pre-plug sensor and much more. Easily operate and monitor equipment from one location making efficient use of labor and reduce down time.

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