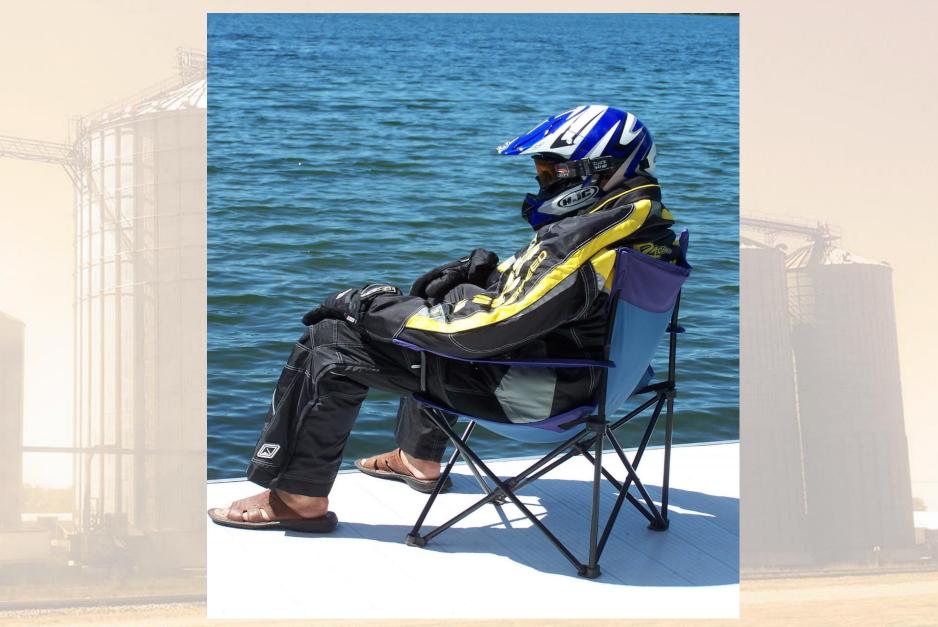
Current Hazmon Field Situations

Concerning Existing Realities



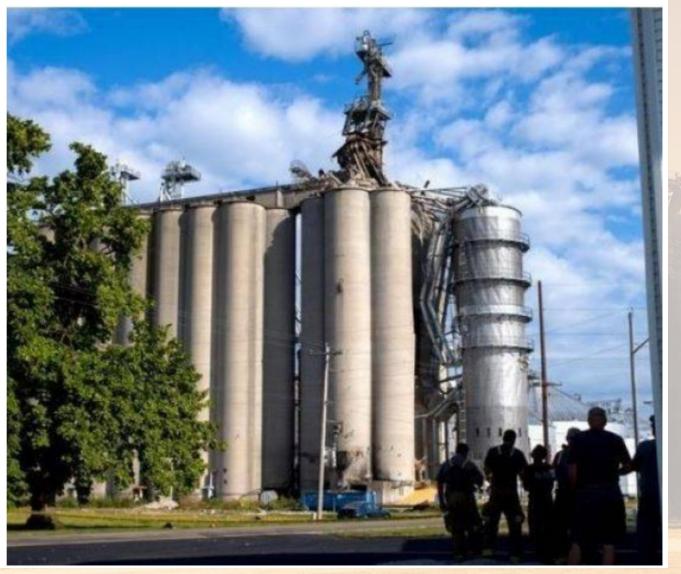






Illinois Elevator Explosion Could Have Been Worse

Debris field from the blast extended up to 500 feet





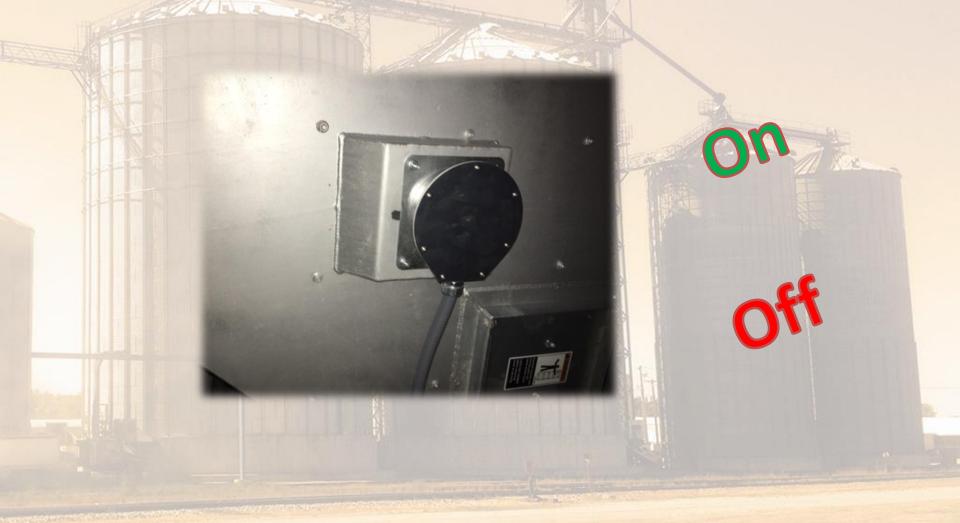




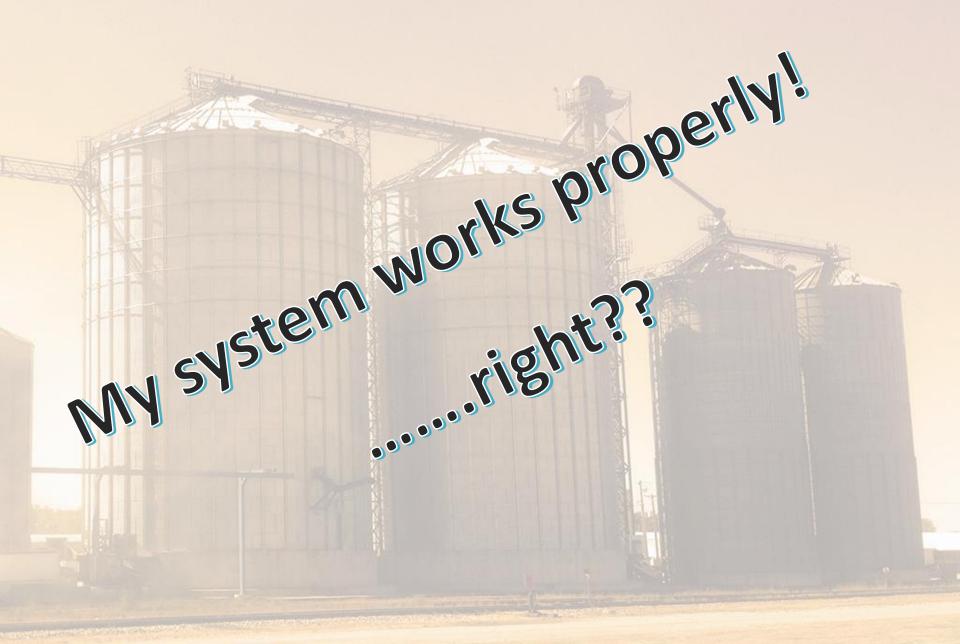




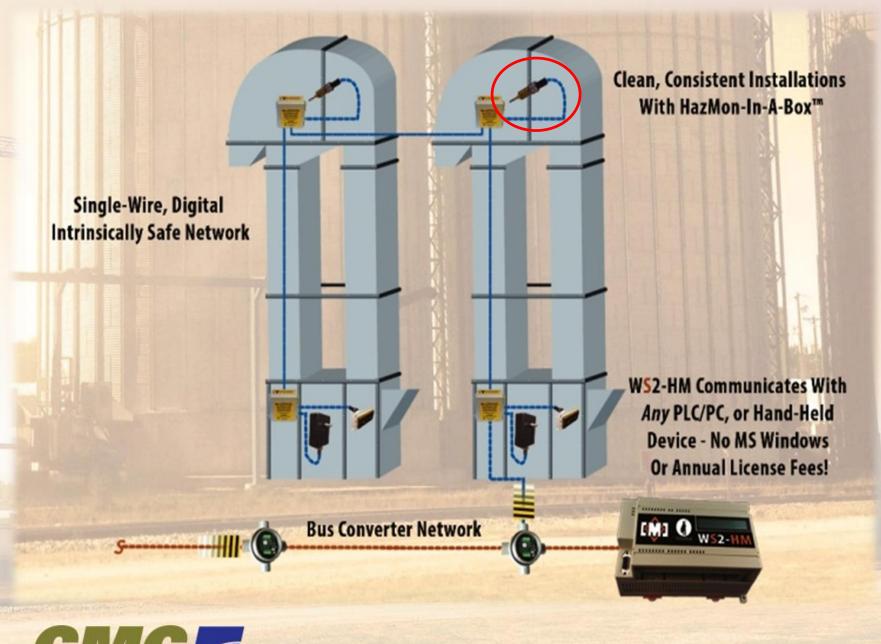




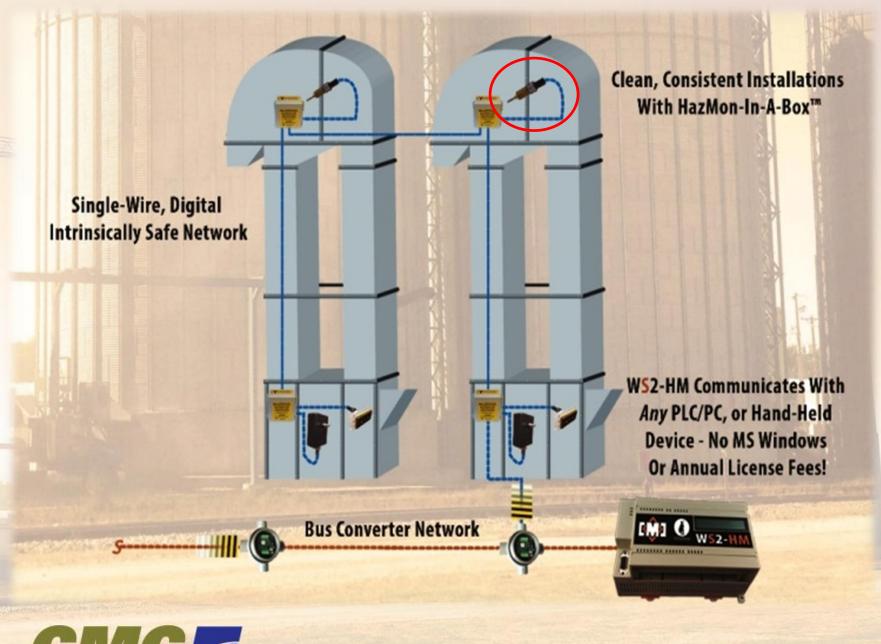












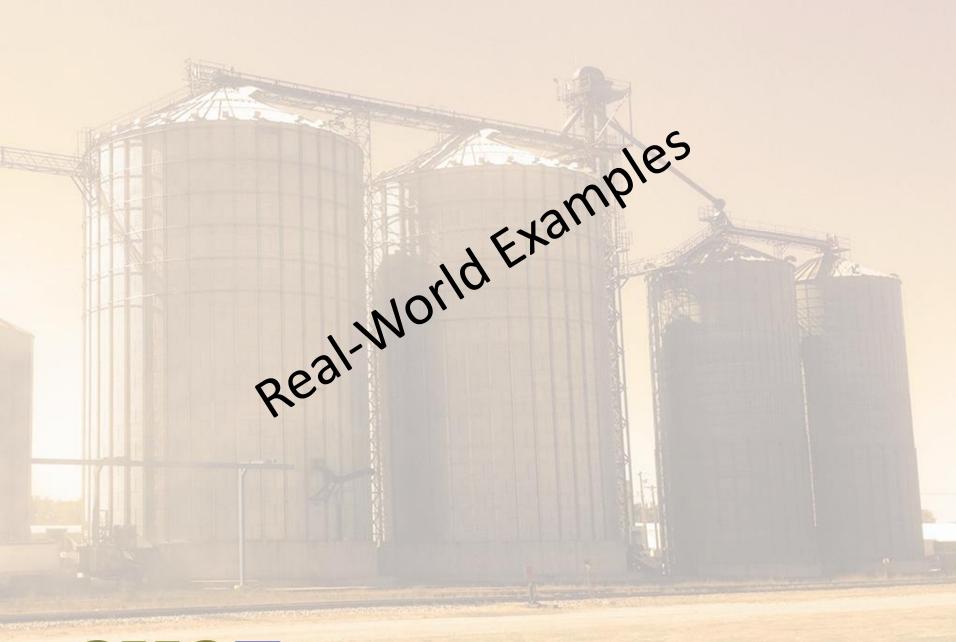
















ISSUE 54

Assigned To Crossover Belt

The conduit on the shaft speed sensor is broken.





ISSUE 1

Assigned To Truck Leg

The knee pulley north bearing sensor was not properly tightened allowing it to leave the bearing.



ISSUE 2

Assigned To Truck Leg

The knee pulley south bearing sensor was not properly tightened allowing it to leave the bearing.



ISSUE 3

Assigned To Truck Leg

The tail north bearing sensor was not properly tightened allowing it to leave the bearing.



ISSUE 25

Assigned To Leg 3

The knee pulley south bearing sensor does not change temperature when exposed to heat.

ISSUE 26

Assigned To Leg 3

The knee pulley north bearing sensor does not change temperature when exposed to heat.



ISSUE 8

Assigned To Leg 2

The tail north alignment sensor does not sound the alarm horn or shutdown on High Alarm.

ISSUE 9

Assigned To Leg 2

The tail north bearing sensor does not sound the alarm horn on High Warning.

ISSUE 10

Assigned To Leg 2

The tail north bearing sensor does not sound the alarm horn or shutdown on High Alarm.



ISSUE 11

Assigned To Leg 1

The tail north bearing sensor conduit was not fully put together.





ISSUE 6

Assigned To South Leg

The tail Field Interconnect Box (FIB) is not grounded on the outgoing A and B branches.



ISSUE 19

Assigned To East House Leg 1

The tail west alignment sensor does not Alarm or shutdown.

ISSUE 20

Assigned To East House Leg 3

The tail east bearing sensor does not shutdown.

ISSUE 21

Assigned To East House Leg 3

The tail west bearing sensor does not shutdown.

ISSUE 22

Assigned To East House Leg 3

The tail east alignment sensor does not shutdown.





ISSUE 6

Assigned To Truck Leg

The tail north bearing sensor is not long enough to properly monitor the bearing.



ISSUE 7

Assigned To Truck Leg

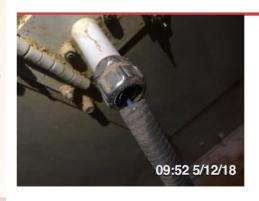
The tail north alignment sensor is flush with the casing. (Spacer was removed by CMC)



ISSUE 14

Assigned To West Leg

The shaft speed sensor shuts down at 10% of actual running RPM's (Low Warning).



ISSUE 15

Assigned To East Leg

The tail west alignment sensor conduit is broken.

ISSUE 16

Assigned To West Leg

The shaft speed sensor does not sound the audible alarm horn on Low Warning.



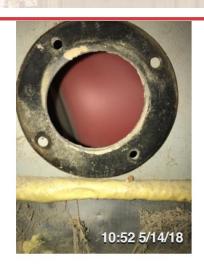


ISSUE 23

Assigned To Leg 2

The tail west alignment sensor does not Alarm unless the sensor is firmly compressed in the center.





ISSUE 3

Assigned To Leg 4

The head north alignment sensor will not make contact with the belt.





ISSUE 4

Assigned To Truck Leg

The tail south alignment sensor is flush with the casing. (Spacer was removed by CMC)





ISSUE 11

Assigned To Truck Leg

The plug sensor plunger does not move not allowing it to alarm.





ISSUE 5

Assigned To Leg 3

The knee pulley north Touch Switch is packed with material and not able to compress to give alarms. (Sensor needs replaced)



ISSUE 8

Assigned To Leg 5

The tail north bearing sensor is labeled as the tail south bearing sensor.

ISSUE 9

Assigned To Leg 5

The shaft speed sensor does not give a low warning alarm until 14% of actual running RPM's.

(Fixed by Electric and revalidated)



ISSUE 12

Assigned To Leg 4

The shaft speed sensor does no	t change in percentage value on the PLC until the sensor is
emulated by the 4B tester to 1%	of actual running RPMs and then a 20% Alarm is given in the
PLC to shutdown. (Fixed by	Electric and revalidated)

ISSUE 13

Assigned To Leg 5

The shaft speed sensor does not give a low alarm for shutdown until 4% of the actual running RPM's. (Fixed by Electric and revalidated)



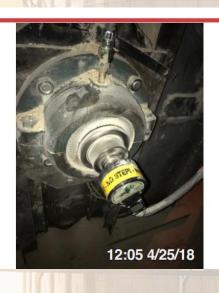


ISSUE 12

Assigned To East House Leg 3

The shaft speed sensor on the tail west bearing does nothing in the system.





ISSUE 45

Assigned To East House Leg 2

The shaft speed sensor on the tail west bearing does nothing in the system.







Q & A

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