CORROSION AND RELATED ISSUES FOUND DURING INSPECTIONS

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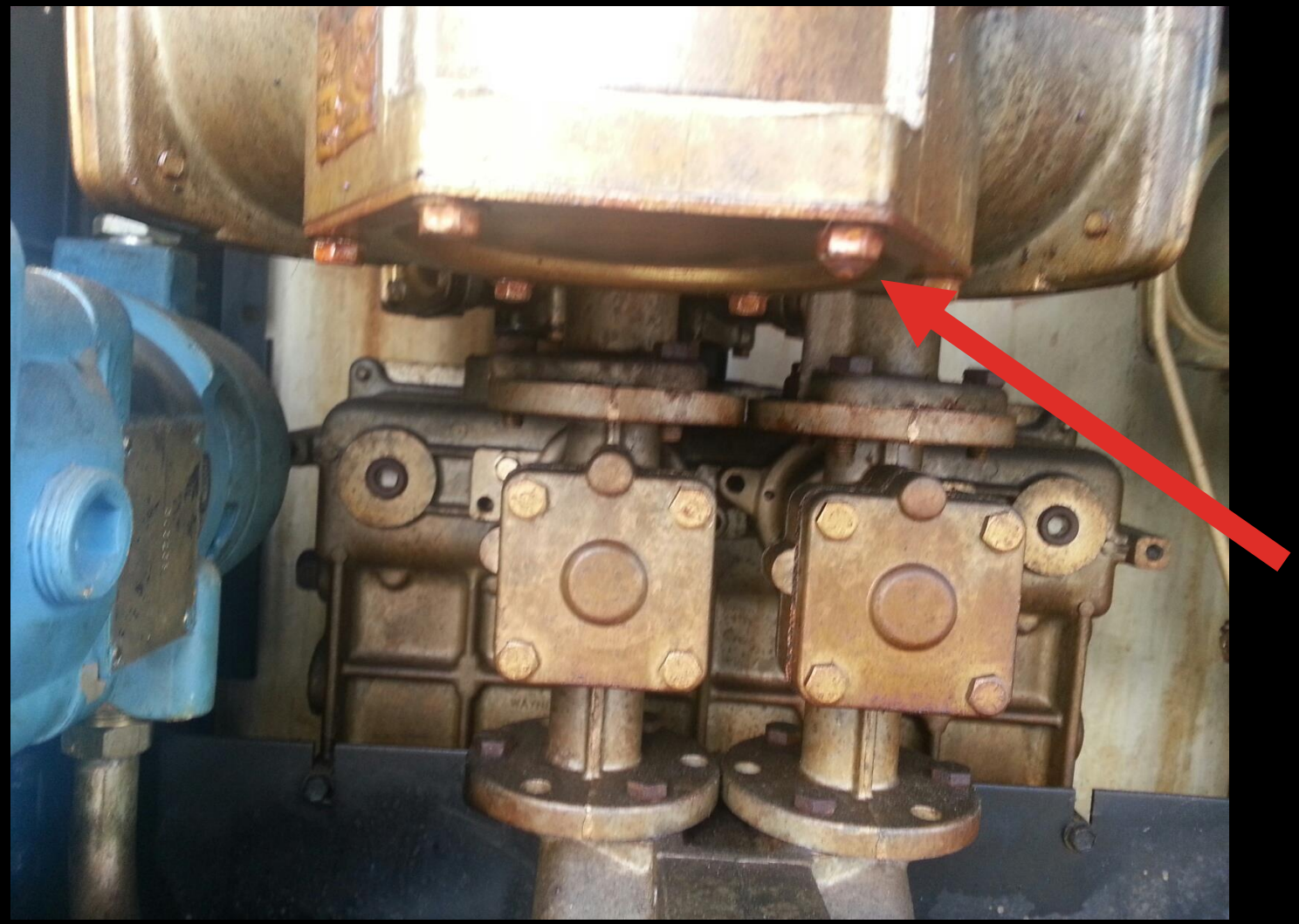
ASTSWMO Emerging Fuels Task Force

LEAKING DISPENSER METER



LEAKING FILTERS

CORROSION UNDER TOGGLE CAP

CORRODED RISER

DISPENSER METER SCREEN

THIS IS NOT A FILTER!

This O/O had trouble dispensing due to clogged filters. So rather than investigate the cause, he decided to not use filters at all, and replaced them with test caps. His problems were much worse than he thought…

CORROSION HOLE THROUGH ANNULAR RISER

…He had a significant issue with microbes and corrosion. His annular sensor was in alarm due to this corrosion hole at the bottom of his riser. This tank was subsequently removed.

DAMAGED PLLD

STP CORROSION

TOP OF STRIKE PLATE

This is a strike plate from beneath the fill of a 7 year old fiberglass-coated steel tank that began with a small amount of water in the annular space that turned to diesel a few weeks later…

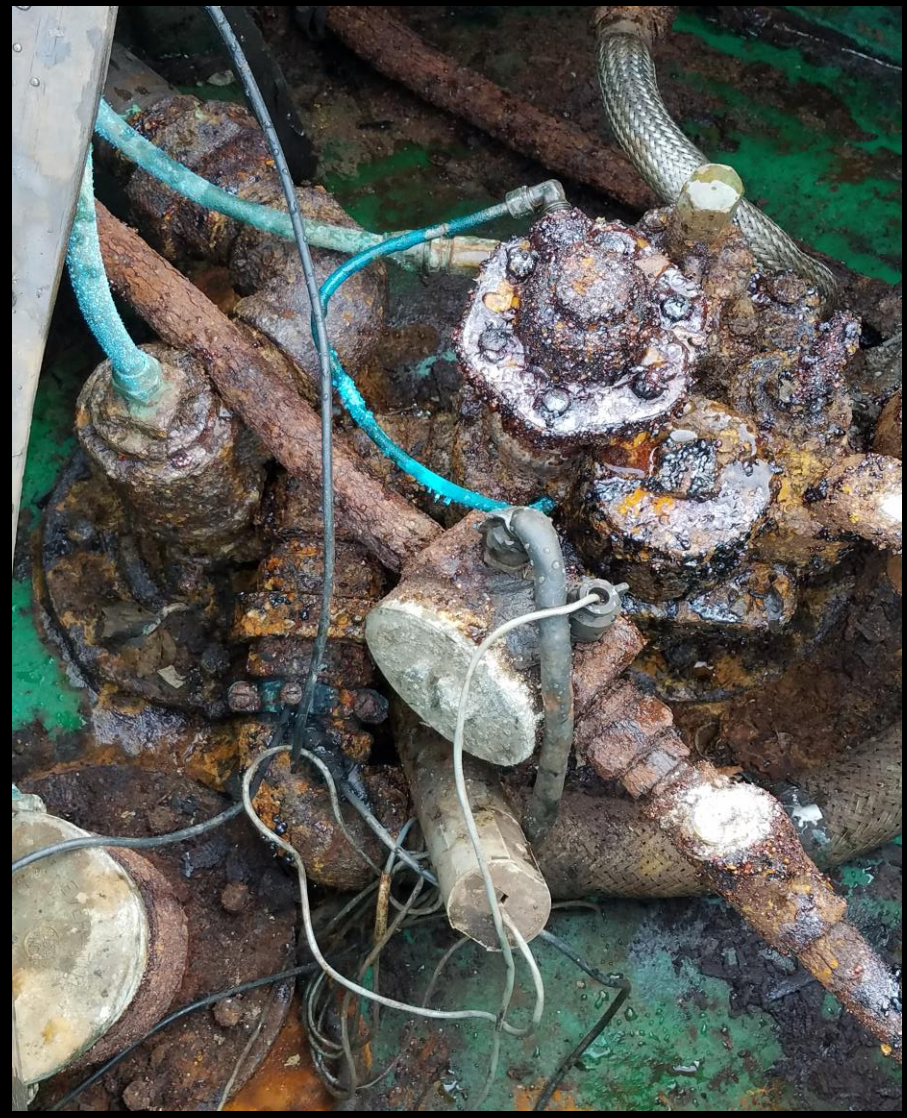
BOTTOM OF STRIKE PLATE

The corners of the plate were no longer welded to the bottom, and the inner steel wall of the tank was pitted much like the bottom of this strike plate. The liquid from the tank bottom was seeping into the annular space.

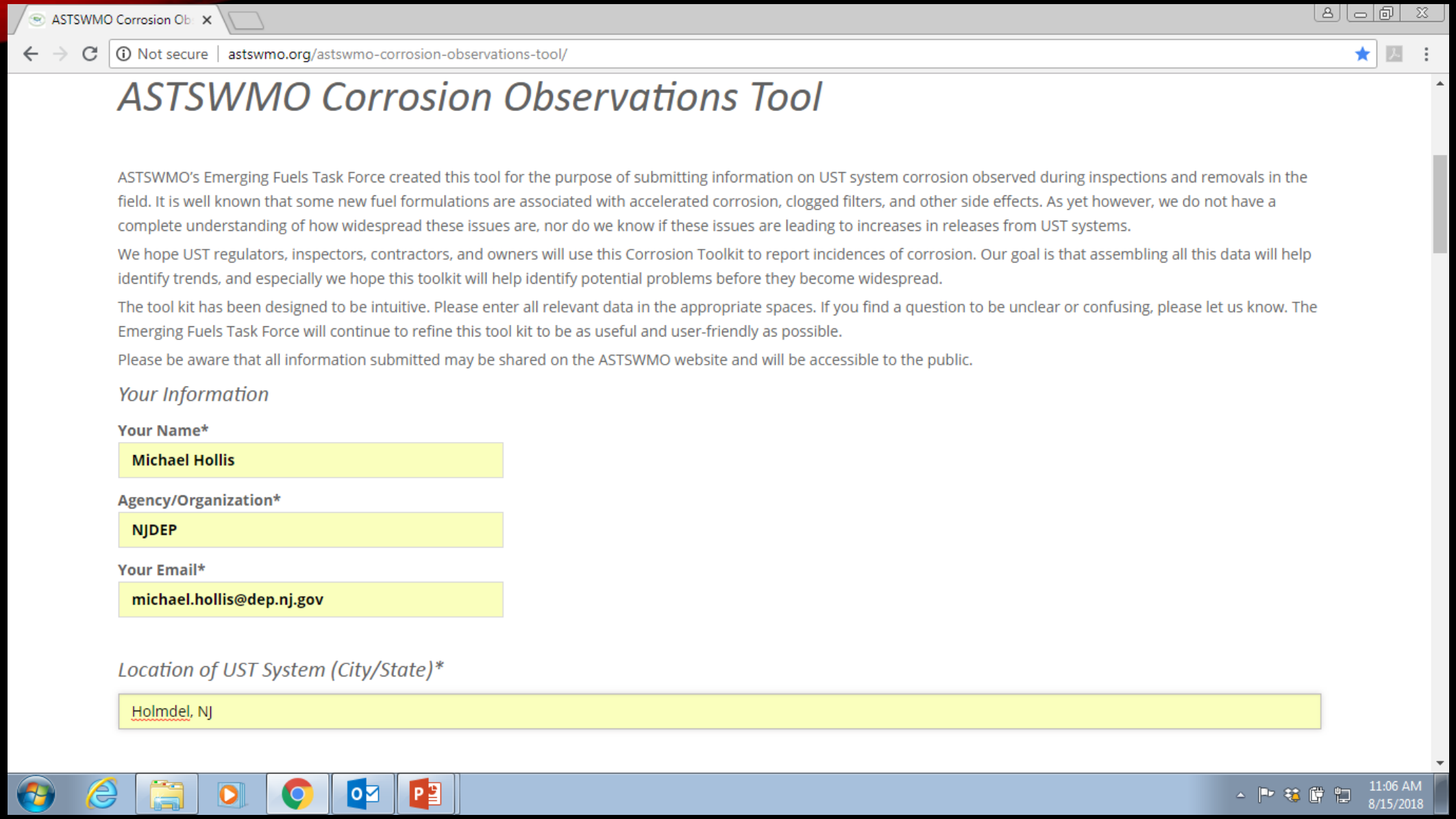
EFTF CORROSION REPORTING TOOL

http://astswmo.org/astswmo-corrosion-observations-tool/

If you find anything that looks like what you're seeing here today, we now have a way to report it!



EFTF CORROSION REPORTING TOOL



EFTF CORROSION REPORTING TOOL

ASTSWMO Corrosion Ob

Not secure | astswmo.org/astswmo-corrosion-observations-tool/

What equipment was corroded and how severe? Use the example photos below to help with your response.

Low to Moderate

Significant

Severe

Tank or tank lining

☐ Low to Moderate Corrosion ☐ Significant Corrosion ☐ Severe Corrosion

Submersible turbine pump area

☐ Low to Moderate Corrosion ☐ Significant Corrosion ☑ Severe Corrosion

Drop tube or overfill prevention device

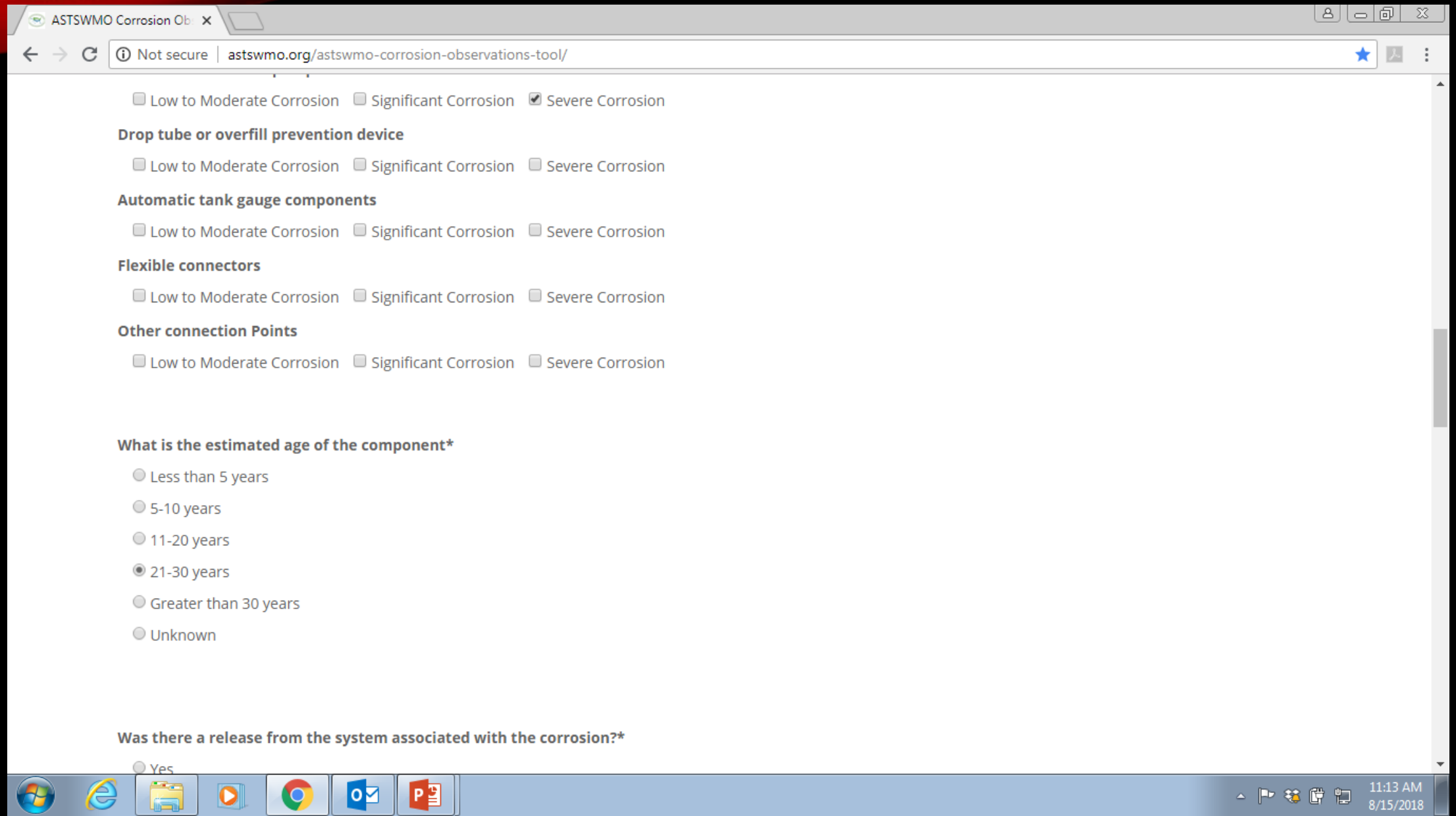
☐ Low to Moderate Corrosion ☐ Significant Corrosion ☐ Severe Corrosion

Automatic tank gauge components

☐ Low to Moderate Corrosion ☐ Significant Corrosion ☐ Severe Corrosion

11:08 AM
8/15/2018

EFTF CORROSION REPORTING TOOL



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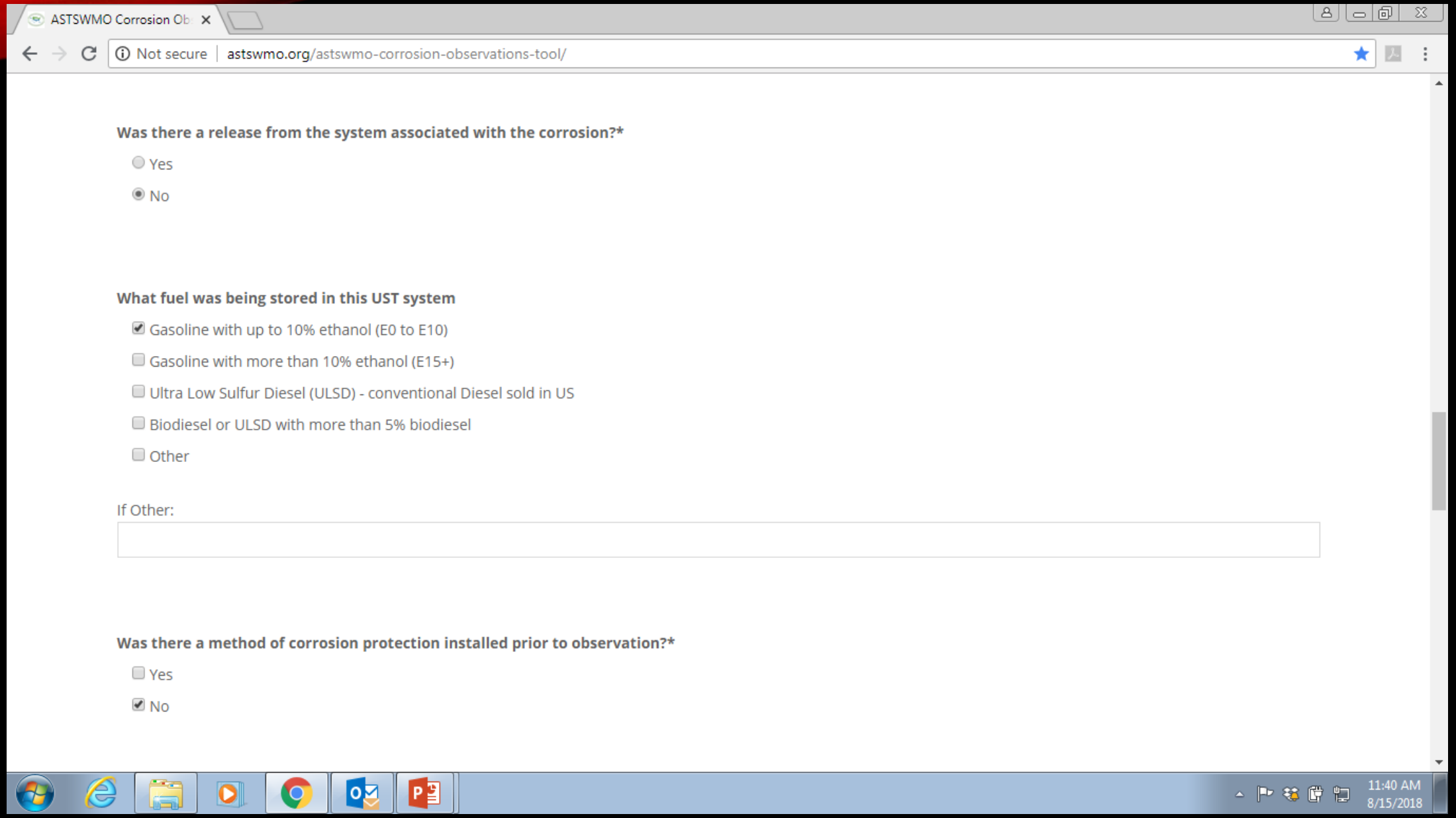

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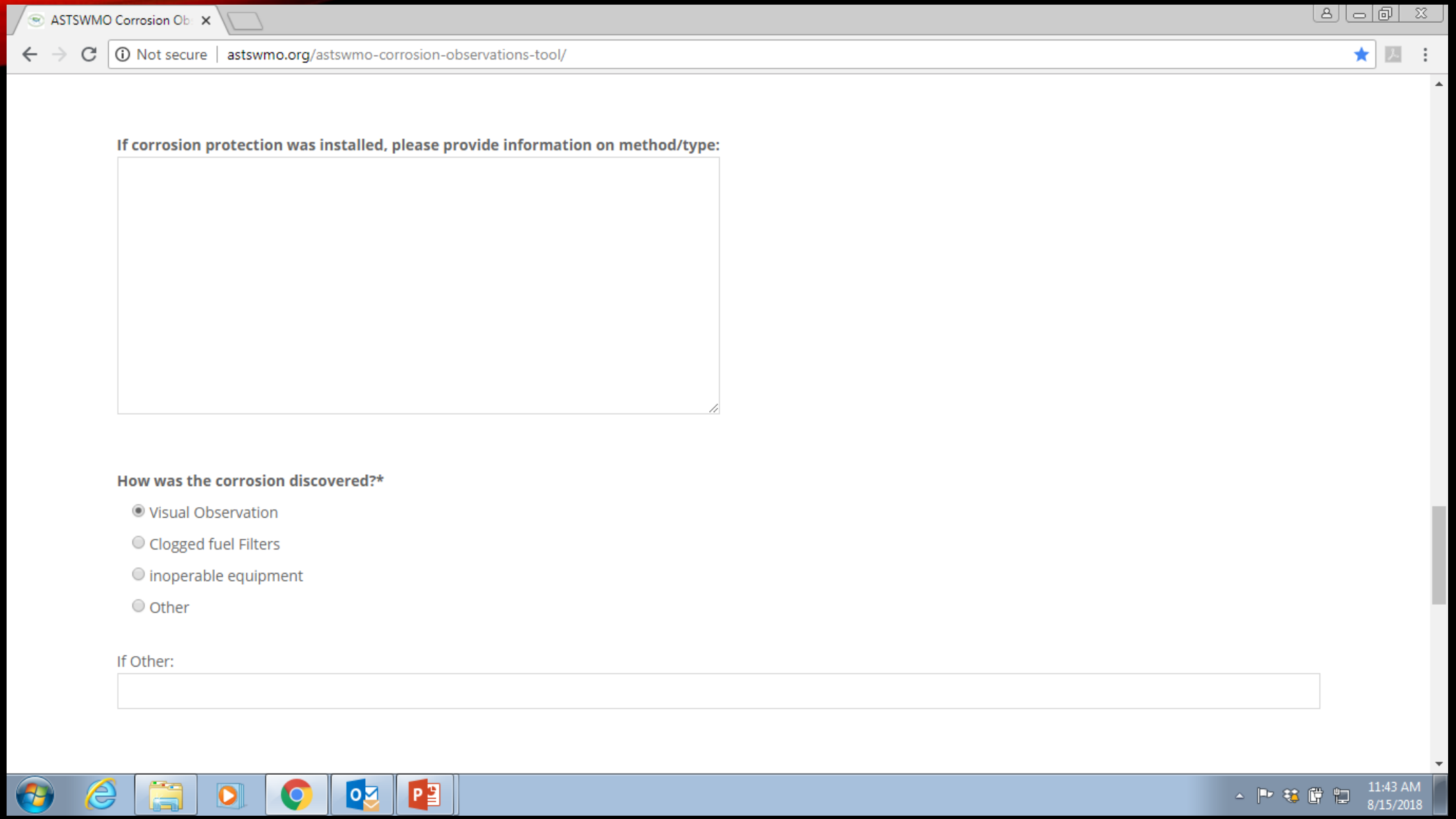

EFTF CORROSION REPORTING TOOL