

# *CCPS Project #195*

## *Tools to Enhance Hazard Identification*



*Prepared by:*  
*Robert F. Wasileski*  
*Sr. Process Safety Engineer*  
*NOVA Chemicals*  
*(412) 490-4086*  
*[wasiler@novachem.com](mailto:wasiler@novachem.com)*

# *Combustibles in the Process Area* Panel 1





# *Open Electrical Equipment*

*Panel 2*



# *Packing Flange used for Isolation!*

Panel 3





# *Exposed Electrical Wiring*

Panel 4



# *Missing Studs & Short Bolting* *Panel 5*





# *Unsafe PSV Venting Location*

*Panel 6*





# *Mixed Storage/Chemical Reactivity Hazard*

Panel 7





# *Wood Scaffold against Hot Process Piping*

*Panel 8*



# *Building HVAC Intake in Process Area*

*Panel 9*





# *Oil-soaked Pads create a Fire Hazard*

*Panel 10*



# *Fireproofing Integrity Lost*

*Panel 11*





# *PSV Identification located on Handrail*

Panel 12



# *General Purpose Electrical Equipment in a Hazardous Location*

*Panel 13*





# *Open Piping - No Blind Flange!*

Panel 14



# *Impaired Access to Emergency Equipment*

Panel 15





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