

Baton Rouge Refinery Facility (BRRF)

CAA §112(r) CEI Photo Log

DATE TAKEN: 7/19/12

TAKEN BY: A. Loll

PHOTO #: 1

COMMENTS: HCLA Reactor R-102 Effluent/Fractionation Feed Heat Exchangers E-103 A/B/C/D/E inspected during walkthrough to confirm process safety information is current and accurate.

SITE LOCATION: Baton Rouge Refinery Facility



DATE TAKEN: 7/19/12

TAKEN BY: A. Loll

PHOTO #: 2

COMMENTS: HCLA Condensate Blowdown Drum D-115 vent to atmosphere is shown in center of photograph supported by derrick supports.

SITE LOCATION: Baton Rouge Refinery Facility



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PHOTO #: 3

COMMENTS: HCLA Condensate Blowdown Drum D-115 condensate blowdown tank inspected during walkthrough to confirm process safety information is current and accurate.

SITE LOCATION: Baton Rouge Refinery Facility



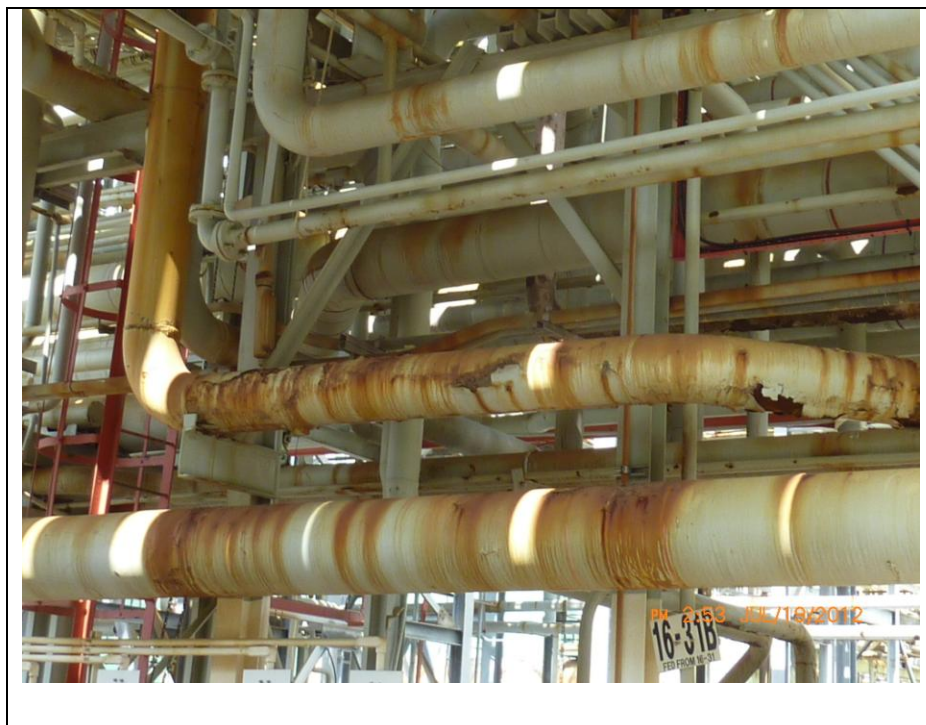
DATE TAKEN: 7/19/12

TAKEN BY: A. Loll

PHOTO #: 4

COMMENTS: Piping located in HCLA unit block shows signs of significant corrosion and scaling.

SITE LOCATION: Baton Rouge Refinery Facility



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TAKEN BY: A. Loll

PHOTO #: 5

COMMENTS: Piping and valve located in HCLA unit block shows signs of significant corrosion and scaling. Piping enters the ground at the base of the support structure and travels underground.

SITE LOCATION: Baton Rouge Refinery Facility



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TAKEN BY: A. Loll

PHOTO #: 6

COMMENTS: Piping and valves located on D-115 Condensate Blowdown Tank system. Hand valves on either side of the automatic valves were wrapped in garbage bags and secured with duct tape. The unit operator stated the valves were wrapped to protect them from the corrosive vapor emitted from the PCLA wet gas scrubber exhaust when the scrubber was started up. The walls of D-115 showed signs of corrosion and pitting behind the piping elbow on the left side of the photograph.

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TAKEN BY: A. Loll

PHOTO #: 7

COMMENTS: Overhead piping located in HCLA unit block near D-115 shows signs of significant corrosion and scaling. A significant amount of metal has sloughed off from the bottom of the pipe that appears to be second from the top of the photograph. The unit operator was unable to determine the process fluid in the pipe but believed it to be high pressure hydrogen.

SITE LOCATION: Baton Rouge Refinery Facility



DATE TAKEN: 7/20/12

TAKEN BY: A. Loll

PHOTO #: 8

COMMENTS: Steel beams supporting the PCLA wet gas scrubber feed pipe shows signs of significant corrosion.

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TAKEN BY: A. Loll

PHOTO #: 9

COMMENTS: Overhead piping located in HCLA unit block shows significant corrosion on a majority of the pipes running through the area.

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TAKEN BY: A. Loll

PHOTO #: 10

COMMENTS: Hot work in PCLA are under Permit #571370.

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