Job Loss Analysis

ID No: 1118193 **Status:** Closed

Original Date: 18/May/2009
Last Review Date: 22/May/2009

Organization:

SBU: GLOBAL MANUFACTURING
BU: ALL
Work Type: Technical (Process Engineering)
Title (Work Activity): Plant Health Checks
Site/Region:

Personal Protective Equipment (PPE)	Selected	Comments
Proper PPE per your Refinery Guidelines	Y	
Personal Gas Monitor	Y	
Additional Task Specific PPE	`	
Other		

Reviewers

Reviewers Name	Position	Date Approved
Ryan, Gary D (GDRY)	Steward	22/May/2009
Johansen, Michelle L (MLMJ)	Manager	18/May/2009

Development Team

Development Team Member Name	Primary Contact	Position
Watson, Chris (CWDJ)	Y	Process Engineer
Odumah, Charles E. (ODUM)	N	Process Engineer
Okojie, Damilola (DOBT)	N	Process Engineer
Sims, Aaron (AVRZ)	N	Process Engineer
Stefanick, Brian (BSGX)	N	Process Engineer

Job Steps

No	Job Steps	Potential Hazard	Critical Actions
1	Review unit environmental compliance	Environmental excursion, fines, flaring, bad public relations	1a. Verify that environmental variables (Title V, NOx emissions, permit limits etc) are in compliance. 1b. Review environmental lab data (discharge sample results, source testing etc) with time stamps as well as frequency 1c. Request additional lab samples / recalibration of meters for questionable items 1d. Check turnovers to discover exceptions

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2	Review customer requirements	1. Off spec. product, damage/upsets in downstream units, downgrade of HVP, product giveaway	1a. Verify that customer requirements (certificates of analysis, downstream unit specifications etc), have been met 1b. Review lab data (intermediary and final product results etc), with time stamps as well as frequency 1c. Request additional lab samples / recalibration of meters for questionable items 1d. Check turnovers to discover exceptions
3	Review reliability variables	1. Loss of containment, loss in efficiency/profit, loss of runtime between shutdowns, reduced utilization	1a. Verify reliability variables (maximum pressures and temperatures, pump curves, pressure drop, operator readings etc) are within limits 1b. Review reliability lab data (contamination concentration etc) with time stamps as well as frequency is current 1c. Request additional lab samples / recalibration of meters for questionable items 1d. Check turnovers to discover exceptions
4	Review optimization variables	1. Loss in efficiency/profit, product giveaway	1a. Verify optimization variables (utility use, product specification, operating conditions etc) are within limits 1b. Review lab data with time stamps as well as frequency 1c. Request additional lab samples / recalibration of meters for questionable items 1d. Check turnovers to discover exceptions
5	Assess and prioritize deviations	1. Loss of time, loss of profit, not involving the right people	1a. Contact SME and Operations if necessary for more information 1b. Develop work list for the rest of the day
6	Take actions on work list	1. Not notifying the right people, not involving the right people 2. Failure to follow through on action items, not notifying the right people 3. loss of data and troubleshooting history, loss of time	1a. Keep Process Lead in the loop 1b. Communicate with Refinery Business Unit 2a. Issue recommendations 3a. Store pertinent information within archived documents (GDW,GMKM)

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