

APPENDIX A

Warren Depot 2014 ESOH Aspect and Hazard Inventory Forms

A-1 Warren Depot Process Environmental Aspect Identification Forms

A-2 Warren Depot Process Hazard Identification and Risk Assessment Forms

A-3 Warren Depot ESOH Risk Analysis Worksheet

APPENDIX A-1

Warren Depot Process Environmental Aspect Identification Forms

Process Environmental Aspect Identification (Warren Office)

Process Name: Warren Office Employee

Identification Completed By: John Eller

Process Owners: DLA Strategic Materials

Date: 8-29-2014

Review the process, list inputs and associated aspects. Determine the impact. Indicate if the aspect is regulated.

Reg (if applicable) = 2 S: Severity O: Occurrence D: Detectability RPN: Risk Priority Number = Reg x S x O x D

Input	Aspect	Impact	Controls, BMPs, and Preventive Measures	Reg	S	O	D	RPN
Recycling (paper, plastic, aluminum cans)	Recycling	Preservation of renewable and non-renewable resources		N	3	4	3	36
Office Supplies (toner cartridges)	Recycling	Preservation of renewable and non-renewable resources		N	3	4	3	36
Batteries	Hazardous Waste	Degradation to land and groundwater quality		Y	4	3	3	72
Cleaning Chemicals	Spills Management	Degradation to land, surface, or groundwater quality	Purchase eco-friendly supplies	N	3	3	3	27
Electricity	Resources Utilization	Use of non-renewable resources	BMP: Light timers, turn off lights when not in room	N	5	5	3	75
Water	Resources Utilization	Consumption of non-renewable resources		N	5	5	3	75
Fluorescent Bulbs	Hazardous Waste	Degradation to land and groundwater quality		Y	5	4	3	120

APPENDIX A-2

Warren Depot Process Hazard Identification and Risk Assessment Forms

Hard copies of this document may not be the current version. Refer to the "I Am The Key" to verify the current version

Process Hazard Identification and Risk Assessment (Warren Office)

Process Name: Maintenance Operations

Identification Completed By: John Eller

Process Owners: DLA Strategic Materials

Date: 8-29-2014

S: Severity O: Occurrence D: Detectability RPN: Risk Priority Number = S x O x D

Hazard	Activity	Potential Accident	Controls, BMPs, and Preventive Measures	S	O	D	RPN
Fire	Storage, Weather	Spark from equipment, Lightning	Fire alarms, sprinkler systems	8	1	1	8
Electrical	Power tool usage	Electrocution, Shock		8	1	1	8
Heights	Up on roof/ladder	Falls	Fall protection	8	1	1	8
Pinch Points	General Equipment Maintenance	Finger injury, Hand injury	Gloves, PPE	6	1	1	6
Strains	Heavy Lifting	Back injuries, neck injuries	BMP: Lifting techniques	5	1	1	5
Flammables	Painting, Degreasing	Inhalation, Sparking	Fire cabinets for storage, Respirators?, Fire alarms, Sprinkler systems	4	1	1	4

APPENDIX A-3

Warren Depot ESOH Risk Analysis Worksheet

INTERPRETIVE GUIDANCE DOCUMENT (IGD)

Environmental, Safety and Occupational Health Management System

TABLE A-3
Warren ESOH Risk Analysis Worksheet

Task, Input, Process Description	Environmental Aspect/ Safety and Occupational Health Risk	Environmental/Safety and Occupational Health Impact	Severity	Occurrence	Detectability	Regulatory Mission	RPN	Significance Rating Y/N	Comments Recommendations	Concur EMS MGR
Practice: Office Employee Activities										
Recycling (paper, plastic, aluminum cans)	Recycling	Preservation of renewable and non-renewable resources	3	4	3	N	36	N		U
Office Supplies (toner cartridges)	Recycling	Preservation of renewable and non-renewable resources	3	4	3	N	36	N		U
Batteries	Hazardous Waste	Degradation to land and groundwater quality	4	3	3	Y	72	N		U
Cleaning Chemicals	Spills Management	Degradation to land, surface, or groundwater quality	3	3	3	N	27	N		U
Electricity	Resources Utilization	Use of non-renewable resources	5	5	3	N	75	N		U
Water	Resources Utilization	Consumption of non-renewable resources	5	5	3	N	75	N		U

TABLE A-3
Warren ESOH Risk Analysis Worksheet

Task, Input, Process Description	Environmental Aspect/ Safety and Occupational Health Risk	Environmental/Safety and Occupational Health Impact	Severity	Occurrence	Detectability	Regulatory Mission	RPN	Significance Rating Y/N	Comments Recommendations	Concur EMS MGR
Ergonomics	Physical Health and Safety Hazard	Degradation to Human Health	4	3	6	N	72	N		C
Practice: Outloading Operations										
Supply Dunnage to Truck	Natural Resources Usage	Consumption of renewable and non-renewable resources	4	6	1	N	24	N		C
Wooden Pallets	Natural Resources Usage	Consumption of renewable and non-renewable resources	4	6	1	N	24	N		C
Material Spill (55 gal drums)	Solid Waste Generation	Degradation to Land and Groundwater Quality	8	6	1	Y	96	N		C
Fugitive Dust	Air Emissions	Degradation to Air Quality	6	8	2	N	96	N		C
Highlift (primarily contractor)	Physical Health and Safety Hazard	Degradation to Human Health	8	4	3	N	96	N	OSHA	C
Ramp/Chains/Chock	Physical Health and Safety Hazard	Degradation to Human Health	6	4	3	N	72	N		C

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Overhead Loads	Physical Health and Safety Hazard	Degradation to Human Health	6	3	4	N	72	N	OSHA	C
Lighting Conditions	Physical Health and Safety Hazard	Degradation to Human Health	6	3	3	N	54	N	OSHA	C
Weather Conditions	Physical Health and Safety Hazard	Degradation to Human Health	5	4	3	N	60	N		C
Mobile Equipment	Physical Health and Safety Hazard	Degradation to Human Health	6	3	3	N	54	N	OSHA – requires forklift license	C
Fugitive Dust	Physical Health and Safety Hazard	Degradation to Human Health	7	7	3	N	147	Y	OSHA	C
Practice: Maintenance Activities										
Used oil/Used oil filters	Hazardous Waste	Degradation to land and ground water quality	4	2	3	Y	48	N		C
Degreasers	Air Emissions	Degradation of Air Quality	4	2	2	N	16	N		C

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Paints	Air Emissions	Degradation of Air Quality	4	2	2	N	16	N		C
Fluorescent Bulbs	Hazardous Waste	Degradation to land and groundwater quality	5	4	3	Y	120	Y		C
Fluorescent Bulbs	Physical Health and Safety Hazard	Degradation to Human Health	4	2	3	Y	48	N		C
Fire	Physical Health and Safety Hazard	Degradation to Human Health	8	1	1	N	8	N	OSHA	C
Electrical	Physical Health and Safety Hazard	Degradation to Human Health	8	1	1	N	8	N	OSHA	C
Heights	Physical Health and Safety Hazard	Degradation to Human Health	8	1	1	N	8	N	OSHA	C
Pinch Points	Physical Health and Safety Hazard	Degradation to Human Health	6	1	1	N	6	N	OSHA	C

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Task, Input, Process Description	Environmental Aspect/ Safety and Occupational Health Risk	Environmental/Safety and Occupational Health Impact	Severity	Occurrence	Detectability	Regulatory Mission	RPN	Significance Rating Y/N	Comments Recommendations	Concur EMS MGR
Strains	Physical Health and Safety Hazard	Degradation to Human Health	5	1	1	N	5	N	OSHA	C
Flammables	Physical Health and Safety Hazard	Degradation to Human Health	4	1	1	N	4	N	OSHA	C
Practice: Storage										
Fuel (Gasoline and Diesel) Storage	Spills Management	Degradation to Water Quality	7	5	3	Y	210	Y		C

COMMENTS/RECOMMENDATION