

Air Force Standardized Environmental Aspects, Impacts, and Process Types - Last Update in eDASH 26 May 2016

Aspects	Impact Categories	Process Types
Air Quality <ul style="list-style-type: none"> • CO • GHG • HAP • NOx • ODS • Other (known constituent) • Other (unknown constituent) • Pb (Lead) • Particulate Matter • SOx • (VOC) Volatile Organic Compound Cultural Resources <ul style="list-style-type: none"> • Archaeology • Cold War Assets • Historic Preservation • Native American Consultations Energy <ul style="list-style-type: none"> • Aviation • Facilities • Ground Vehicles Fuel/POL/Tank Management <ul style="list-style-type: none"> • Aboveground Storage Tanks • Bowsers • Hydrant Systems • Oil/Water Separators • Underground Storage Tanks Hazardous Materials Hazardous Waste <ul style="list-style-type: none"> • D Listed • F Listed • K Listed • P Listed • U Listed • Universal Waste • Waste Oil Integrated Solid Waste <ul style="list-style-type: none"> • Composting • Construction and Demolition • Landfill • Recycling 	NEGATIVE IMPACTS Degradation/Reduction/Consumption of: <ul style="list-style-type: none"> • Air Quality (Indoor) • Air Quality (Outdoor) • Built Infrastructure/Facilities • Capability to Complete Mission • Cultural Resources • Energy • Equipment (portable) • Equipment (stationary) • Land (Non-military) • Land (Off-base Compatible Acres) • Land (On-base Compatible Acres) • Land (Soil Quality) • Land (Testing & Training Areas) • Natural Resources • None • Operation Costs • Quality of Life • Water (Drinking Water) • Water (Groundwater) • Water (Storm Water Receiving Body) • Water (Storm Water) • Water (Wastewater) • Water (Water Supply) 	1. Adhering/Bonding/Sealing 2. Administrative 3. Aids to Navigation 4. Aircraft/Flightline Operations 5. Asbestos Work 6. Brazing/Soldering/Welding/Cutting 7. Cementing and Related Tasks 8. Civil Disaster Response (FEMA) 9. Cleaning-Chemical and Degreasing 10. Cleaning-Mechanical 11. Cleaning-Other 12. Coating/Paint Removal/Abrading 13. Coating/Painting Operations 14. Communications 15. Composite Work 16. Crafts 17. Cultural Resource Management 18. Dental 19. Drinking Water System/Treating; Water/Wastewater Plant Operations; Water/Wastewater Treatment 20. Drywall/Plastering 21. Electric Arc/Flame/HVOF/Thermal/Plasma Spraying 22. Electrical/Electronics 23. Electroplating 24. Energy Management 25. Engine Testing 26. Environmental and Remediation 27. Environmental Response (Biological, Chemical, Oil, Radiological) 28. Equipment Installation/Repair/Preventative Maintenance/Charging/recharging, Lubricating, NOC 29. Fabric Work 30. Food Service/Preparation/Handling/Cleaning 31. Fuels (e.g., Combusting, Dispensing, Fuel Cell, Defueling, Distribution) 32. HM/HW Handling/Cleanup/Recycling/Reclaiming 33. Housekeeping/Janitorial/Facility Maintenance 34. HVAC 35. Hyperbaric Atmospheres 36. Incinerating 37. Insulation/Man-Made Fibers 38. Integrated Solid Waste Management 39. Laboratory Operations 40. Lead Paint Abatement 41. Marine 42. Medical

Aspects	Impact Categories	Process Types
<p>Natural Resources</p> <ul style="list-style-type: none"> • Agriculture • Coastal Marine • Fish and Wildlife • Forestry • Invasive Species • Outdoor Recreation • Threatened and Endangered Species • Wetlands and Floodplains • Wildland Fire <p>Noise/AICUZ</p> <p>Special/Regulated Materials</p> <p>Special/Regulated Wastes</p> <p>Toxic Substances</p> <ul style="list-style-type: none"> • Asbestos • LBP • Other • PCBs • Radiation • Radon <p>Water Quality</p> <ul style="list-style-type: none"> • Drinking Water • Drinking Water Treatment • Groundwater • Storm Water • Surface Water • Wastewater • Wastewater Treatment • Water Supply 	<p>POSITIVE IMPACTS</p> <p>Improvement/Preservation/Conservation of:</p> <ul style="list-style-type: none"> • Air Quality (Indoor) • Air Quality (Outdoor) • Built Infrastructure/Facilities • Capability to Complete Mission • Cultural Resources • Energy • Equipment (portable) • Equipment (stationary) • Integrated Solid Waste Diversion • Land (Non-military) • Land (Off-base Compatible Acres) • Land (On-base Compatible Acres) • Land (Soil Quality) • Land (Testing & Training Areas) • Natural Resources • None • Operation Costs • Quality of Life • Water Quality (Drinking Water) • Water Quality (Groundwater) • Water (Storm Water Receiving Body) • Water Quality (Storm Water) • Water (Wastewater) • Water (Water Supply) 	<p>43. Metal Forming</p> <p>44. Metal Foundry Operations</p> <p>45. Metal Machining</p> <p>46. Metals Treatment (e.g., Heat treating/Hardening, Etching)</p> <p>47. Miscellaneous Operations</p> <p>48. Natural Resource Management</p> <p>49. Non-Destructive Inspection/Testing</p> <p>50. Not Otherwise Coded</p> <p>51. Pest Control or Pesticide Disposal/Mixing/Storage</p> <p>52. Photography/Graphic Arts</p> <p>53. Plastics/Rubber Processing</p> <p>54. Plumbing</p> <p>55. Port Security</p> <p>56. Printing/Reproduction</p> <p>57. Professional/Technical/Sampling/Surveying/Training</p> <p>58. Protective Services-Fire</p> <p>59. Protective Services-Security</p> <p>60. Recreation/Services</p> <p>61. Roads and Ground Maintenance</p> <p>62. Search and Rescue</p> <p>63. Semiconductor Manufacturing</p> <p>64. Shipboard Duties</p> <p>65. Stone/Mineral Handling</p> <p>66. Storage (e.g., of Materials, of Waste, ASTs, USTs, Testing of)</p> <p>67. Structure Demolition</p> <p>68. Structure Fabrication/Renovation; General Construction</p> <p>69. Supplies/Materials Handling</p> <p>70. Supplies/Materials Handling - Assemble/Disassemble</p> <p>71. Transportation (e.g., Dispatching, Driving, Rail, Watercraft)</p> <p>72. Utility Production/Distribution</p> <p>73. Vehicle Maintenance/Repair/Testing</p> <p>74. Veterinary Services/Animal Care</p> <p>75. Waterways</p> <p>76. Weapons and Ordnance</p> <p>77. Weapons and Ordnance - EOD</p> <p>78. Weapons and Ordnance - Explosive Production</p> <p>79. Weapons and Ordnance - Mixing/Bagging/Handling</p> <p>80. Weapons and Ordnance - Torpedo</p> <p>81. Weapons and Ordnance - Weapons/small arms</p> <p>82. Woodworking</p> <p>83. X-Ray Processing</p> <p>84. Enforcement of Laws and Treaties</p> <p>85. Ice Operations</p> <p>86. Nuclear Activities</p> <p>87. Laundry Services</p>

Air Force Aspect Inventory Prioritized Scoring Criteria - Last Update in eDASH 26 May 2016

Cost (0-4)
Significant (>50K /year) on-going costs beyond the life of the operation or high capital cost to rectify (>\$1M) (4)
Significant cost through the life of the operations, but not beyond (3)
Moderate cost not extending beyond the life of the operations (2)
Low cost not extending beyond the life of the operations (1)
Not applicable or no negative impact (0)

Probability
Frequent: >1 in 10; occurs often
Likely: <1 in 10, but >1 in 100; occurs several times
Occasional: <1 in 100, but >1 in 1,000; will occur
Seldom: <1 in 1,000, but > 1 in 1,000,000; unlikely, but could occur
Unlikely: <1 in 1,000,000; so unlikely assume will not occur

Severity
Catastrophic: irreversible/extreme damage to environment; replacement cost >\$1M
Critical: reversible damage to environment; replacement cost \$200K - \$1,000,000
Marginal: minor reversible damage to environment; replacement cost \$10K - \$200K
Negligible: minimal environmental damage not violating law/regulation; replacement cost \$2K - \$10K

Regulatory Implication (1-5)
Currently not in compliance; necessary to achieve compliance with Federal/state/local laws (5)
Currently in compliance; necessary to meet/maintain compliance with future Federal/state/local laws (4)
Currently not in compliance; necessary to achieve compliance with Federal/Air Force requirements (3)
Currently in compliance; necessary to meet/maintain compliance with future Federal/Air Force requirements (2)
Unregulated requirement (1)

Mission Degradation (1-5)
Loss of ability to accomplish primary installation mission (5)
Major degradation to primary installation mission/loss of ability to accomplish base support mission (4)
Major degradation of base support mission/minor degradation to primary installation mission (3)
Minor degradation to base support mission (2)
No primary or base support mission restrictions (1)

Community and Other Concerns (1-5)
Public outcry/lawsuits (5)
Serious community concerns (4)
Moderate community concern (3)
Community is unconcerned but could easily become so (2)
Community supports activity/community unconcerned with activity (1)