

## Environmental Aspects and Impacts Workshop Cheat Sheet

No.	Activity, Operation	Environmental Aspect	Environmental Aspect Category	Operational Condition	Environmental Impact
1	Boiler	Natural Gas Usage	Energy Utilization	Normal	Depletion of Natural Resources
2	Boiler	Air Emissions	Air Emissions	Normal	Air Quality Reduction
3	Boiler	Chemical Usage for Maintenance of Boiler	Raw Material Usages	Normal	Depletion of Raw Material Resources
4	Boiler	Boiler Blowdown	Water Contamination	Normal	Contamination of Land/Water
5	Boiler	Electricity Usage - Motors	Energy Utilization	Normal	Depletion of Natural Resources
6	Hot Water Heater	Natural Gas Usage	Energy Utilization	Normal	Depletion of Natural Resources
7	Hot Water Heater	Air Emissions	Air Emissions	Normal	Air Quality Reduction
8	Hot Water Heater	Chemical Usage for Maintenance of Hot Water Heater	Raw Material Usages	Normal	Depletion of Raw Material Resources
9	Hot Water Heater	Condensate Discharge	Water Contamination	Normal	Contamination of Land/Water
10	Hot Water Heater	Electricity Usage - Motors	Energy Utilization	Normal	Depletion of Natural Resources
11	Vehicle Parking	Release of Oil, Gasoline & Antifreeze	Water Contamination	Abnormal	Contamination of Land/Water
12	Vehicle Maintenance - Oil/Antifreeze	Chemical Usage for Maintenance - Oil, Antifreeze	Raw Material Usages	Normal	Depletion of Raw Material Resources
13	Vehicle Maintenance - Oil/Antifreeze	Generation of Used Oil & Antifreeze	Solid Waste Generation (Non- Hazardous Waste)	Normal	Waste Management
14	Vehicle Maintenance - Oil/Antifreeze	Spills of Used Oil & Antifreeze	Accidental Releases	Abnormal	Contamination of Land/Water

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15	Vehicle Maintenance - Oil/Antifreeze	Spills of Used Oil & Antifreeze	Accidental Releases	Abnormal	Surface Water Pollution
16	Vehicle Maintenance - Oil/Antifreeze	Spills of New Oil & Antifreeze	Accidental Releases	Abnormal	Surface Water Pollution
17	Painting	Chemical Usage for Maintenance - Paints, Solvents	Raw Material Usages	Normal	Depletion of Raw Material Resources
18	Painting	Generation of Spent Solvent	Hazardous Waste Generation	Normal	Waste Management
19	Painting	Generation of Empty Containers	Solid Waste Generation (Non- Hazardous Waste)	Normal	Waste Management
20	Painting	Air Emissions Outside	Air Emissions	Normal	Air Quality Reduction
21	Painting	Generation of Used Filters	Solid Waste Generation (Non- Hazardous Waste)	Normal	Contamination of Land/Water
22	Painting	Electricity Usage - Air Compressor	Energy Utilization	Normal	Depletion of Natural Resources
23	Painting	Generation of Cardboard Used to Collect Overspray on the Floor & Table	Solid Waste Generation (Non- Hazardous Waste)	Normal	Waste Management
24	Painting	Air Emissions Inside the Building	Air Emissions	Normal	Air Quality Reduction
25	Painting	Air Emissions Odors	Air Emissions	Normal	Air Quality Reduction
26	Painting	Spills of Paints & Solvent	Accidental Releases	Abnormal	Contamination of Land/Water
27	Painting	Spills of Paints & Solvent	Accidental Releases	Abnormal	Surface Water Pollution

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28	Parts Washer	Chemical Usage	Raw Material Usages	Normal	Depletion of Raw Material Resources
29	Parts Washer	Generation of Spent Solvent	Hazardous Waste Generation	Normal	Waste Management
30	Parts Washer	Air Emissions Inside the Building	Air Emissions	Normal	Air Quality Reduction
31	Parts Washer	Air Emissions Odors	Air Emissions	Normal	Air Quality Reduction
32	Parts Washer	Spills of Solvent	Accidental Releases	Abnormal	Contamination of Land/Water
33	Parts Washer	Spills of Solvent	Accidental Releases	Abnormal	Surface Water Pollution
34	Parts Washer	Electricity Usage - Pump	Energy Utilization	Normal	Depletion of Natural Resources
35	Replacement of Brake Pads	Usage of New Brake Pads	Raw Material Usages	Normal	Depletion of Raw Material Resources
36	Replacement of Brake Pads	Disposal of Brake Pads	Solid Waste Generation (Non- Hazardous Waste)	Normal	Contamination of Land/Water
37	Replacement of Used Tires	Usage of New Tires	Raw Material Usages	Normal	Depletion of Raw Material Resources
38	Replacement of Used Tire	Disposal of Used Tire	Solid Waste Generation (Non- Hazardous Waste)	Normal	Contamination of Land/Water
39	Fueling Station	Chemical Usage Gasoline & Diesel	Raw Material Usages	Normal	Depletion of Raw Material Resources
40	Fueling Station	Air Emissions From USTs	Air Emissions	Normal	Air Quality Reduction
41	Fueling Station	Leaking USTs	Accidental Releases	Abnormal	Contamination of Land/Water

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42	Fueling Station	Spills During Filling Operations	Accidental Releases	Abnormal	Contamination of Land/Water
43	Fueling Station	Spills During Filling Operations	Accidental Releases	Abnormal	Surface Water Pollution
43	Fueling Station	Electricity Usage - Pumps	Energy Utilization	Normal	Depletion of Natural Resources
44	Oil/Water Separators	Removal of Collected Oil	Solid Waste Generation (Non- Hazardous Waste)	Normal	Waste Management
45	Oil/Water Separators	Removal of Solids	Solid Waste Generation (Non- Hazardous Waste)	Normal	Waste Management
46	Oil/Water Separators	Discharge to "No Name" Creek	Water Contamination	Normal	Surface Water Pollution
47	Oil/Water Separators	Malfunction of Oil/Water Separator	Water Contamination	Abnormal	Surface Water Pollution
48	Vehicle Washing	Discharge to "No Name" Creek	Water Contamination	Normal	Surface Water Pollution
50	Vehicle Washing	Spills of Concentrated Soap Solutions to "No Name" Creek	Water Contamination	Abnormal	Surface Water Pollution
51	Vehicle Washing	Use of Water	Water Consumption	Normal	Depletion of Natural Resources
52	Vehicle Washing	Chemical Usage Soaps	Raw Material Usages	Normal	Depletion of Raw Material Resources
53	Vehicle Washing	Electricity Usage - Pumps	Energy Utilization	Normal	Depletion of Natural Resources

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54	Battery Charging	Electricity Usage - Pumps	Energy Utilization	Normal	Depletion of Natural Resources
55	Battery Charging	Chemical Usage Lead Acid Solution	Raw Material Usages	Normal	Depletion of Raw Material Resources
56	Battery Charging	Spills During Charging	Accidental Releases	Abnormal	Surface Water Pollution
57	Battery Charging	Spills During Charging	Accidental Releases	Abnormal	Contamination of Land/Water
58	Battery Charging	Disposal of Used Batteries	Universal Waste Generation	Normal	Waste Management
59	Battery Charging	Storage of Used Batteries	Accidental Releases	Abnormal	Surface Water Pollution
60	Battery Charging	Storage of Used Batteries	Accidental Releases	Abnormal	Contamination of Land/Water