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Civil Engineering

WATER POLLUTION CONTROL FACILITIES

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction implements AFD 32-70, *Environmental Quality*, and assigns responsibilities for the use, operation, and maintenance of oil and water separators at Yokota Air Base (AB) to prevent hazardous waste, fuels, and oils from flowing into the storm drainage and sanitary sewage systems. It applies to all 374th Airlift Wing (374 AW) units, associate units, support organization, and off-base sites.

SUMMARY OF REVISIONS

A bar (|) indicates revision from the previous edition.

1. Responsibilities Assigned:

1.1. Organizations generating waste hazardous materials, oils, and fuel will not drain hazardous materials or wastes into the drainage systems. Always recover, containerize, and dispose of these wastes through the Defense Reutilization and Marketing Office (DRMO) by coordinating with 374th Supply Squadron Hazardous Material Pharmacy (374 SUPS/LGSCDH). Hazardous waste disposal will be coordinated with 374th Civil Engineer Squadron Environmental Flight (374 CES/CEV). Organizations will recover and recycle waste fuels and oils. Dispose of these wastes through DRMO if they are contaminated and do not have a sale value. No fuel will be allowed to flow into the drainage systems connected to an oil and water separator unless it is a result of an accidental spill.

1.2. The 374 AW Environmental Protection Committee, through the 374 AW Environmental Protection Working Group and the 374 CES Operations Utilities Section (374CES/CEOIW), will control and monitor operation and maintenance of water pollution control facilities. If a spill of hazardous material occurs that is beyond the users' capabilities, contact the 374 CES Fire Protection Flight (374 CES/CEF) at 225-7125 immediately.

1.3. The 374 CES/CEV and 374 CES Maintenance Engineering (374 CES/CEOE) will provide engineering and contract management support for all water pollution control facilities.

1.4. The 374 CES/CEOE will administer and monitor the oil and water separator cleaning contracts in close coordination with 374th Contracting Squadron (374 CONS). Personnel responsible for monitoring (quality assurance evaluators [QAE]) must be knowledgeable and qualified.

1.5. The 374 CES/CEV will provide sanitary engineering and environmental protection support for this program.

1.6. The 374 CES Operations Flight (374 CES/CEO), through the 374 CES/CEOIW, will be responsible for the operation and maintenance of oil and water separators.

1.7. The 374 CES/CEOIW will conduct monthly, semi-annual, and annual inspections depending on usage of the oil and water separators to establish work requirements. Personnel assigned to these duties must be thoroughly knowledgeable of the various types of oil and water separators. Such duties include, but are not limited to the following:

1.7.1. Check the effluent chamber to ensure no oils, fuels, or greases are being passed into the effluent. Report discrepancy to the 374 CES/CEV.

1.7.2. Observe the accumulation of sludge in all the chambers.

1.7.3. Check the oil collection chamber or separate storage tanks to see if oil removal is needed. Notify the 374 CES/CEOE if pumping is required.

1.7.4. Check all valves and piping for breaks, leaks, or obstructions. Notify the 374 CES/CEV and open work order to perform repairs.

1.7.5. Check whether the water level is normal (bottom of the outlet pipe). Open work order to perform repairs if needed.

1.8. The 374th Aerospace Medicine Squadron Bioenvironmental Engineering Flight (374 AMDS/SGPB) will determine and conduct environmental samples when there is an immediate health hazard to personnel.

1.9. The contractor will:

1.9.1. Pump and/or clean oil and water separators and remove the accumulation of all sludge as identified by 374 CES/CEOIW and scheduled by quality assurance personnel in accordance with the statement of work contained in the service contract.

1.9.2. Report to the QAE any requirements for replacement of pans or repairs found during normal servicing.

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Commander