



EN-03-02	Prepared by: Maurice Guimond	Issue Date: Sept 13, 2010
ENV SOP 2	Approved by: Rick Hunt	Rev. # 3/ Rev Date: April, 2017

ENV SOP 2 – MANAGEMENT OF OIL CONTAMINATED SOLID WASTE

Purpose

The purpose of this procedure is to document the tasks and responsibilities related to the management of oil contaminated solid waste on QEC properties to ensure it is handled and disposed of in a manner which complies with regulation and minimizes the potential for spills, leaks and environmental damage.

Scope

This procedure applies to the proper handling and disposal of oil contaminated solid waste in operational areas of QEC.

Definitions

Oil Contaminated Solid Waste	<i>solid material (e.g. used filters, contaminated absorbents) which is soaked with something flammable (e.g. diesel fuel) or combustible (e.g. lube oil) Includes contaminated soil.</i>
Flammable Solids	<i>Diesel and Varsol soaked rags as well as Fuel filters are flammable solids</i>
Combustible Solids	<i>Oil soaked rags and oil filters</i>

Details of the Procedure

Responsibility	Task
Environmental Specialist	Ship Quatrex boxes to each power plant each year (the boxes are shipped flat and expand into a 4'x4' box with rigid sides) for collection and storage of flammable solid waste

QULLIQ ENERGY ENVIRONMENTAL STANDARD OPERATING PROCEDURES MANUAL



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Responsibility	Task
Plant Superintendent Operators/Assistants	Unfold yellow liner in each Quatrex box and fold liner over the sides
Flammable Solids	
	Place drained fuel filters and Varsol soaked rags and absorbents in a Quatrex box
	When the bag inside the box is filled, wrap the top tightly closed with the included tie wrap. Tie the outer box flap in the same way to completely enclose the yellow liner inside
	Label the box with the appropriate sticker symbol and TDG wording (see Figure 3, 4)
Combustible Solids	
	Place drained lube oil filters and oil soaked rags and absorbents in a Quatrex box (separate from the one which holds the fuel filters and Varsol soaked rags and absorbents)
	When the bag inside the box is filled, wrap the top tightly closed with the included tie wrap. Tie the outer box flap in the same way to completely enclose the yellow liner inside
	Label the box with the appropriate wording (see Figure 4)
Plant Superintendent Operators/Assistants	Place the filled Quatrex boxes into secure storage in a designated area of the plant yard (if yard is fenced, place boxes inside gated area and lock gate. If yard is not fenced, place boxes in an area away from traffic and public)
Plant Superintendent	Record amount of oil contaminated solid waste stored on Monthly Waste Products Form
Env Specialist	Maintain GIS maps of wastes at each plant
	Prepare a Request for Proposals for disposal of the oil contaminated solids (in conjunction with the disposal of other wastes)
	Manage disposal contract with licensed contractor



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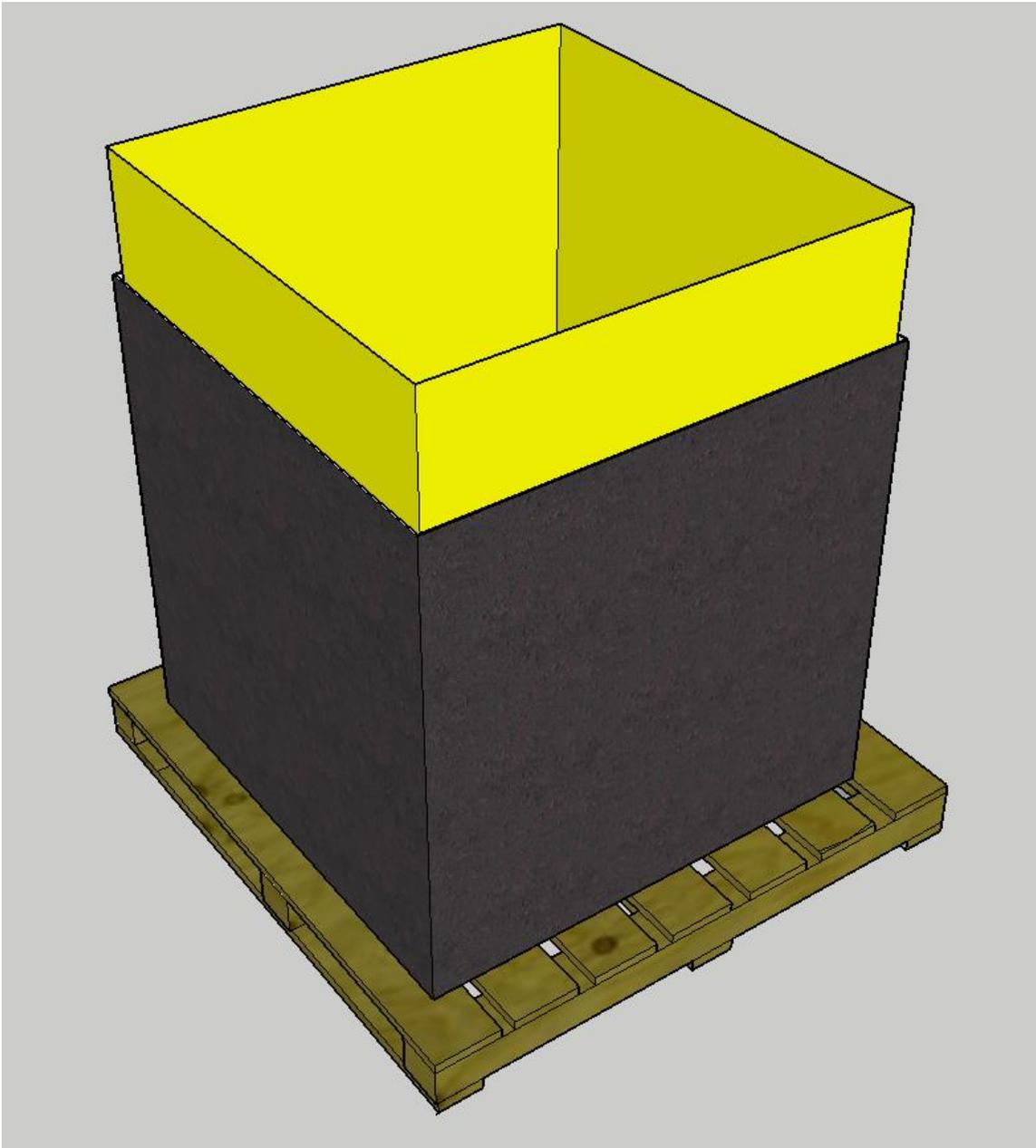
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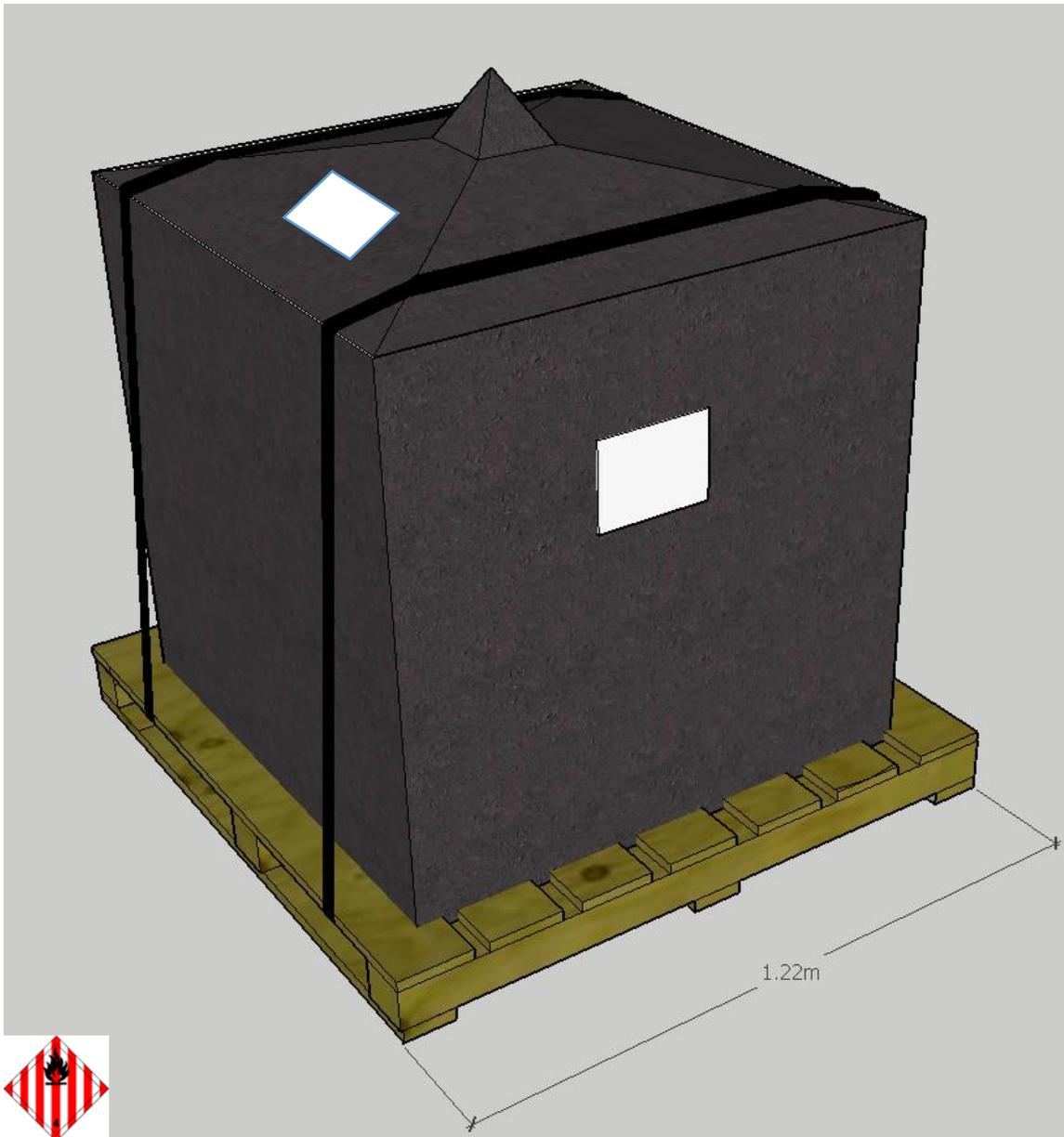
Figure 1 – Quatrex bag assembled on pallet with yellow liner





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Figure 2 – Quatrex bag filled, closed, strapped and labeled



Note- If the contents are flammable, put the flammable solid sticker on the package otherwise, do not.

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Figure 3



Class 4 – Flammable Solid – for drained fuel filters and Varsol soaked rags and absorbents

Figure 4

OIL CONTAMINATED SOLIDS

Stencilled “Oil Contaminated Solids”
– for drained lube oil filters and oil soaked rags and absorbents

Labelling for Markings, Labels and UN Numbers

1. Oily rags

Markings: Self-heating, solid, organic, n.o.s. (oily rags), UN 3085, class 4.2
Label: Class 4.2, Spontaneous combustion

2. Fuel rags

Markings: Flammable, solid, organic, n.o.s., (fuel rags), UN 1993, class 4.1
Label: Class 4.1, flammable solid

n.o.s. – not otherwise specified