	GILES CHEMICAL - GREENDALE		
	COMPANY PROCEDURE		
	Respiratory Procedure (Use in Case of Acid Spill)	Page : 1 of 3	Revision : 00 Date : 12/15/2009
	Author: Paul A Teleki	Safety/Job Specific	

Personnel responsible:

All Production

Safety equipment:

All safety PPE has to be used including Acid suits, boots, hoods and respirator

Summary:

This Procedure explains when and what type of respirators to us in a case of Sulfuric acid spill. Also gives guide lines about the life of the cartridges and how often they have to be changed. Also addresses the N95 Dust mask usage.

Procedure:

The only hazardous chemical at the Greendale plant is the 93% Sulfuric Acid. The 93% acid is not too volatile and in normal operating conditions Respirators are not required.

However for Sulfuric Acid Spill cleanup special respirators are required. Each operator including the Plant Manager has to have a physical exam to determine that they are in good physical condition to use respirators. Each operator including the Plant Manager has to be fitted by approved agencies to make sure that the respirators fit the individual properly and no leaks around the respirator face mask are permitted.

The Certified Organization will also train the operators and Plant Manager for the appropriate use of the Respirator. This also has to be documented and available for internal and external inspection.

Each Operator including the Plant Manager will have two fitted face masks in case if one is not usable a back up is always available. If a respirator gets damaged a new one will be ordered immediately, this mask can be worn only after is appropriately fitted for the individual by a certified organization.

The respirators when not in use have to be clean, stored in an individual plastic bag. All Respirators have to have to owner's initials to identify the respirator owner and can not be used by anybody else but the owner of the respirator.

The Respirator used is N7500-3, 77000 Series Silicone Half Mask with North P100 Cartridge. This respirator is rated for Sulfuric Acid clean up.

The Cartridge life is rated for 1398 hours of use (Based on actual breathing through it) However since spills should be rare or never; we will replace the Cartridge after 1080 hours indifferently if the cartridge was in continuous use or not. This means that every month and a half a new cartridge has to be used.

Note;

Any Sulfuric Acid Spill more the 50 gallons will be handled by an outside Environmental Reclamation Service. In our case is ERS, Inc with which firm we have a" Stand by" Contract.

Dust Masks

We do not have any issues with dust at the Greendale Plant however if operators feel safer in some instances to use dust masks we provide N95 Dust Mask.



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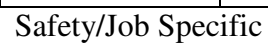
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Safety/Job Specific

TRAINING DOCUMENTATION

	EMPLOYEE	TITLE	SIGNATURE	DATE
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