February 16, 2018

Mr. Jay Benson
Hazardous Materials Safety Specialist
City of Hope Medical Center
1500 East Duarte Road
Duarte, California 91010

EMERGENCY PERMIT FOR TREATMENT OF HAZARDOUS WASTE, CITY OF HOPE MEDICAL CENTER, LOS ANGELES COUNTY, EPA ID: CAD066698408

City of Hope Medical Center has requested an emergency permit from the Department of Toxic Substances Control (DTSC) to allow Clean Harbors Environmental Services to treat hazardous waste at their center. The hazardous waste includes the following item:

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Hazard Description</th>
<th>Container Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 H Tetrazole (E1)</td>
<td>3</td>
<td>Shock Sensitive</td>
<td>2x2 grams, 1x1 grams</td>
</tr>
</tbody>
</table>

These chemicals are expired and currently being stored at City of Hope Medical Center located at 1500 East Duarte Road, Duarte, California 91010. It has been determined that this chemical may be unstable and should be chemically stabilized as a safety precaution prior to transportation off site by Clean Harbors Environmental Services. The treatment of the hazardous waste involves the addition of a solution to the containers to reduce the reactive or ignitable characteristics of the chemical.

Once the chemicals are treated, they will be transported offsite to a hazardous waste facility. Clean Harbors Environmental Services personnel are tentatively scheduled to arrive at the facility between February 21, 2018 and April 21, 2018 to conduct the treatment operation, in an exclusion zone set up and maintained at the location outside the building (see Section 7.0 of the Permit Application).

Based on the authority in Title 22, California Code of Regulations (22 CCR), section 66270.61, DTSC finds there to be imminent and substantial endangerment to human health and the environment, and by way of this letter, issues this emergency permit to City of Hope Medical Center. The emergency permit is a temporary measure, which allows City of Hope Medical Center to have Clean Harbors Environmental Services personnel treat the chemicals, so they can be safely transported offsite for proper management.
This permit is not transferable to any other party and may not be used in any other capacity or for any other activity. This permit may be revoked by DTSC at any time without process if it is determined that termination is appropriate to protect human health and the environment.

The emergency permit is effective beginning February 21, 2018 and shall expire on April 21, 2018. The treatment activities will be conducted by qualified Reactive Materials Technicians from Clean Harbors Environmental Services.

The following requirements are specific conditions of this permit. Failure to comply with any of the following conditions may cause an immediate revocation of this permit pursuant to 22 CCR, section 66270.61(b)(4), and could subject City of Hope Medical Center to enforcement action.

1. The treatment of the items mentioned above must be conducted by qualified personnel from Clean Harbors Environmental Services and shall take place within the designated exclusion zone as illustrated in the workplan submitted to DTSC by Clean Harbors Environmental Services on February 7, 2018. Only Clean Harbors Environmental Services Reactive Material Technicians with proper health and safety equipment and attire shall be allowed within 25 feet of the item during the treatment and during the movement of the item from the storage location to the exclusion zone.

2. City of Hope Medical Center must have a predetermined route from the storage location to the exclusion zone that allows for unobstructed movement for Clean Harbors Environmental Services Reactive Material Technicians. Building Management and occupants must be notified of the treatment activity and any occupants must be moved as needed to meet the requirements of permit condition #1.

3. All items to be treated must be appropriately labeled and marked before Clean Harbors Environmental Services personnel arrive to the facility.

4. City of Hope Medical Center must notify the Certified Unified Public Agency (CUPA) and local Fire Department that this emergency permit has been issued by DTSC by the effective date.

5. In the event that City of Hope Medical Center identifies any releases of hazardous waste, City of Hope Medical Center must notify DTSC 's Permitting Division orally within 24 hours of discovery.

6. The area must be inspected after treatment to ensure that there is no release of hazardous waste from the area. Any untreated waste must be immediately retreated or removed.

7. City of Hope Medical Center must allow inspection of records and of the facility by any duly-authorized representative of DTSC, in order to carry out the requirements of Chapter 6.5, Division 20 of the California Health and Safety Code.
8. Only the items listed in the table above may be treated. Additional quantity or type of hazardous waste may be treated if they follow the same treatment procedures listed in the February 7, 2018 workplan submitted to DTSC by Clean Harbors Environmental Services. City of Hope Medical Center must notify and request authorization from DTSC for any additional items that are discovered and that require a treatment process not described in the workplan.

9. The issuance of this Permit by DTSC does not release City of Hope Medical Center from any liability or duty imposed by federal or state statutes or regulations, or local ordinances. City of Hope Medical Center must obtain permits required by other governmental agencies, including but not limited to, the applicable land use planning, zoning, air quality, and water quality laws for the treatment operations.

10. Within 10 business days following the expiration of this permit or the execution of the treatment operation in whichever is sooner, City of Hope Medical Center must submit a report signed, in accordance with Title 22 CCR, section 66270.11(d) to DTSC and the overseeing Certified Unified Program Agency (CUPA). The report must contain following certification statement,"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

The report must state whether the treatment area has been cleared of all residual hazardous waste generated from this emergency treatment, and if all waste has been properly managed. The report must also contain a list of all the hazardous waste that was treated by Clean Harbors Environmental Services and a description of any deviations from the established guidelines of this emergency permit, or information submitted to DTSC.

This emergency permit is effective beginning February 21, 2018 and shall expire on April 21, 2018.

If you have any questions, please contact me at (916) 255-6668 or Vinke.Menardo@dtsc.ca.gov

Sincerely,

[Signature]
Vinke Menardo  
Hazardous Substances  
Engineer Permitting Division  
Hazardous Waste Management Program  

cc (via-email):  

Roberto Kou  
Environmental Program Manager I (Sup) Chatsworth  
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Hazardous Waste Management Program  
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