



ITHA-CA ENERGY PARTNERS

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PERMIT TO OPERATE WAREHOUSE

ITHA-CA ENERGY PARTNERS

August 2023



IEP WAREHOUSE – PROSPECT, EAST BANK DEMERARA GUYANA

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APPLICATION FOR ~~PERMIT~~ TO OPERATE *Warehouse*

*The following information is intended to support an application by Itha-Ca Energy Partners Inc. (IEP) to the Environmental Protection Agency (EPA) for an operating permit to store, Barite, **Cement, Sodium Chloride and Calcium Carbonate** at our new warehouse facility that is located at 3494 Prospect, EBD. The existing bond has all the required vents and environmental provisions to safely store these non-hazardous commodities. These chemicals will be imported or processed locally, packed in sealed 3,000-pound jumbo bags and stored at the warehouse. After storage the product will be transported to approved work sites for processing,*

Guyana oil industry is young! Among the many services that are required to support the growth of this industry is warehousing. IEP, a locally incorporated company, in recognition of the potential of this sector has decided to invest in warehouse distribution facilities to import and store commodities. We seek authorization to provide storage for Cement, Barite, Salt and Calcium Carbonate. These items will not be processed or opened at the facility. It will be stored and shipped to oilfield service companies and operators.

This permit will enable the company to store these commodities and make a meaningful contribution to the development of the industry. Many benefits are expected to be generated for the company, the sector and country. These include the creation of jobs, industrialization, and the availability of additional facilities for warehousing, which is currently lacking.

The information contained herein is restricted and should not be disseminated without the expressed written consent of IEP.



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APPLICATION FOR VARIANCE TO OPERATE

THE APPLICANT – IEP

The Applicant, Itha-Ca Energy Partners Inc. (IEP) is incorporated under the Companies Act of Guyana. The principal objective of the company is to provide storage and warehousing facilities for the petroleum industry. The Directors of the company comprise people with years of experience in supply chain management delivering innovative and environmentally safe solutions in some of the most complex operational locations in the world. The applicant is:

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Date: 22/08/2023

THE PROJECT

BRIEF PROJECT DESCRIPTION:

The company already operates a permitted storage and warehousing facilities to store barite, cement and related imported oilfield supplies from India, USA, Latin America and the Caribbean.

The new warehouse will permit IEP to provide safe and secure storage for similar products, see MSDS attached.

The company seeks EPA approval for a Permit to warehouse Barite, Cement, Sodium Chloride and Calcium Carbonate all non-hazardous products at their new facility located at Lot 3494 Prospect, East Bank Public Road, EBD Guyana.



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LOCATION:

The Applicant / Company hereby request to operate a 40,000 sq.ft. warehouse/bond located at lot 3494 Prospect Village, East Bank Demerara, Guyana. Barite, Cement and related products will be stored at the facility. The area is zoned industrial and there are no existing or knowingly proposed intake or discharged structures planned for the area.

UTILITIES:

ELECTRICITY: The area is serviced by the national grid – GPL and is supported by a 30KVA Perkins’s generator for seamless transfer of power, at times of disruption. The company will promote the use of clean / environmentally – friendly source(s) of energy.

TELECOMMUNICATION: Telephone service is available within the area. Application will be made for lines for phones / internet connections. This service will be supported by cellular phones.

WATER: Water is available from the Guyana Water Incorporated (GWI) system. The investors will put in place a system for expanding the supply of water.

PROJECT SIZE

Project: To provide warehouse facility for the Storage, and Transportation of Cement (Class G) Barite, Sodium Chloride and related dry chemicals. The project entails storage of 5,000 tons of barite, 1,000 tons salt and 5,000 tons to cement monthly.

Total project investment: \$4.5m USD

Total number of Employees: 10

Project Duration: 20 to 25 years

With the Oil and Gas exploration and production in Guyana, many activities and products are required, three of these products are Class-G Cement, Barite and salt which must be supplied constantly for the efficient performance of the Offshore Facilities.

For this project the Barite, Cement and Sodium Chloride (Salt) are imported from other countries and must be stored in its original package until it is needed by the client at their port facility for onward shipment to the offshore well. The Barite, Cement and Salt come in 1.5 ton big bag.

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When they arrive in Guyana, it will be transported using a Flatbed Truck to the warehouse facility at Lots 3494 Prospect, East Bank Demerara. It is then off-loaded and stored in the warehouse facility as shown by Figure 2.0 below:



Figure 2.0: Storage of Cement in 1.5ton big bag

ENVIROMENTAL IMPACT

Although Cement, Barite, Salt, and Calcium Carbonate will be stored at this facility, there will be minimal impact on the environment. No production or blending will be done at this facility and annual emissions generated by operations will be zero. Consequently, operations will have no negative impact on the environment and employee's health. OSHA warehousing standards will be utilized to ensure that there will be no negative impact on land, soil, water and air. IEP shall adhere to the following mitigating measures.

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PLANS TO MITIGATE

The product will be kept secured, away from wet and damp surfaces – No smoking. Visible signs against inhaling dust/fume/gas/mist/vapors/spray will be installed. Employees, visitors, and others will wear protective gloves/ protective clothing/ eye protection/ face and nose protection.

Response:

For dry Cement, Barite or Salt remove and rinse abundantly with water. For wet cement, Barite or Salt, wash skin with plenty of water. Remove contaminated clothing, footwear, watches, etc. and clean thoroughly before re-using them. Seek medical treatment in all cases of irritation or burns. Following inhalation Move the person to fresh air. Dust in throat and nasal passages should clear spontaneously. Contact a physician if irritation persists or later develops or if discomfort, coughing, or other symptoms persist.

Eye contact: In case of exposure to eye rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor or physician.

Fire Fighting Measures:

Cements, Barite and Salt are not flammable

Personal Protection:

Eye Protection: Safety glasses or dust tight goggles.

Skin Protection: Rubber, cloth or plastic gloves and safety

shoe will be used. Respirator: NIOSH dust respirator will be

kept on site. **Ecological Information:**

The products have no known ecotoxicological effects.



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The products are essential for the downhole drilling of crude oil. It is safely used in onshore and offshore oil and gas drilling. IEP will meet all international safety standards in storing the product. Transporting the product in Guyana will be accomplished by companies certified and approved by the EPA to do so. Since IEP is committed to working in keeping with all the necessary directives that will be given by the EPA and any other regulatory bodies in Guyana to protect human health and the environment. See attached MSDS for all cement, Salt and Barite.