

# HABTEMICHAEL ZERU ZARA IMPORT – EXPORT Barentu Street H. No. 14 Tel: 002911120796 Asmara, Eritrea

## COMPANY PROFILE

Habtemichael Zeru ZARA Import - Export is a private owned company founded in 1979 engaged in general trading to provide products for construction building, agricultural and mechanical materials, safety equipment and solutions. Ours is a holistic approach to accommodate for customer's needs with our locations in the capital of the country and employs 15 nationals, equipped with more than 2,500 stock items, a fleet of delivery vehicles and an established supply chain. We are well positioned to meet your requirements in different categories of product and service.

Embedded within the foundation of the company are the following elements:

- Best availability of a broad product line
- Reliability and reputation
- Quality & innovative brands
- Easy to do business with
- Continuous improvement

With a proven strength in product consolidation, our seamless network ensures that we cater to customers in Eritrea.

## PERFORMANCE AND CAPACITY

Habtemichael Zeru ZARA Import - Export is committed to provide solutions to our customers by partnering with manufacturers and vendors across the world in the supply of various product categories. We strive to offer a complete range of Materials to get the job done. By maintaining relationships built on quality, service and reliability, we have been a trusted resource for a large cross-section of customers over the past 30years.

**Habtemichael Zeru ZARA Import – Export**

Our company is contributing in the nation building from the early days of independence by supplying various products in the construction of housing, such as Sembel Housing complexes and fitting out various development projects in the country. Supplies of tools and equipment to UN Agencies, NGOs, Contractors, Defense sector, Mining companies such as Bisha, Zara, Ketina and Asmara, Manufacturers, Ports, Agricultural sectors and Different ministries in the country. We have the capability of providing varied industrial requirements. Listed here are the main customers that we interact with.

- Automotive
- Construction
- Defense / Military
- Energy
- General Manufacturing
- Hospitality and Tourism
- Marine
- Oil & Gas
- Transport
- Utilities
- Manufacturers
- And Others

Businesses and institutions depend on us every day as a source of tools and various materials. The breadth and availability of product line is a key factor that differentiates Habtemichael Zeru Import - Export from other vendors. We carry more than 18 different product categories in stock. Our company has shop outlet and a workshop of fire extinguisher refilling and maintenance service with a network of stores and uses an inventory control management software that enable us to handle our stock updated.

## PRODUCT CATAGORIES

The broad product line and wide network enables us to meet customer requirements in totality. For products not in our stock, we source and ship based on customer's requirements. We have thus obtained a reputation as a vendor of choice so that our clients can focus on their core business.

All the products we stock and distribute are classified into more than 18 categories:



- Safety Equipment
- Emergency supplies
- Hand Tools
- Hoses and Accessories
- Pipes, Valves & Fittings
- Plumbing & Sanitary Wares
- Power & Air Tools with Accessory Tools
- Abrasives
- Access & Material Handling
- Workshop Equipment
- Welding Materials
- Testing Equipment
- Tapes & Sealants
- Pumps
- Construction Materials & Equipment
- Locks and Furniture Hardware
- Chemicals & Paints
- Agricultural & Gardening Tools

In the past 25 years the company operated as a soul agent for different foreign companies from Italy and Saudi Arabia for the provision of different types of Fire Extinguishers and their accessories. In addition to supplies of wide range safety equipment, we provide Maintenance and Servicing of Fire Extinguishers, safety procedures and industrial Safety implementation consultancy.

Our motive to safety first has lead us to explore many safety precautions and aided us to be able to meet our customer's full demands. Yet our company never intend to stop from becoming the leading supplier and service provider of the above mentioned fields. The fire extinguishers and safety equipment we supply are imported from worldwide well known safety companies such as Heba fire Safety Company based in Saudi Arabia, Firex Fire Safety Company based in Emirates, abs and Victoria Fire Safety Company based in

Italy and others which meet the required international standards such as EN ISO standards. Given that the consultancy and maintenance of fire extinguishers we provide depends on the international safety standard procedures. During maintenance period of fire extinguishers we are capable of receiving from sites and delivering with our own vehicles on site & on time. We follow the proper procedures and techniques during maintenance and the propellant agent we use to pressurize the extinguishers is Nitrogen. This is an ideal inert gas to use as a propellant for fire extinguishers.

Annually we do maintenance, recharging and refilling of different types and sizes fire Extinguishers to private and governmental institutions along with different kinds of consultations according to our customers' needs and necessities. Currently we are on contractual agreement with Zara Mining Company for the Servicing and Maintenance of different fire extinguishers at the mining site. The working is on respectable progress with great care to follow the standard procedures and using of updated maintenance and refilling machines.

## MAINTENANCE AND RECHARGING

At least once a year (or more frequently if indicated by an inspection) MAINTENANCE should be performed. MAINTENANCE is a “thorough check” of the extinguisher. It is intended to give maximum assurance that an extinguisher will operate effectively and safely. It includes a thorough examination and any necessary repair or replacement.

RECHARGING is the replacement of the extinguishing agent and also includes the expellant for this type of extinguisher. Before attempting to recharge be sure this extinguisher is completely depressurized.

## MAINTENANCE SERVICE & RECHARGING PROCEDURE

1. Check to make sure that the instruction nameplate is securely fastened and legible. Inspect the cylinder for corrosion, abrasion, dents or weld damage, missing or substitute parts.
2. Weigh extinguisher and compare with weight printed on the maintenance section of the nameplate.

3. Check the date of manufacture on the extinguisher hanger loop. Cylinder must be hydrostatically tested every 5 years to the test pressure indicated on the nameplate.
4. Visually inspect the pressure gauge:
  - a. if bent, damaged or improper gauge, depressurize and replace
  - b. if pressure is low, check for leaks
  - c. if over-pressurized (overcharged) adjust to working pressure and check for leaks
5. Inspect the footstand (base). If cracked or broken replace with the appropriate footstand.
6. Inspect ring pin for freedom of movement. Replace if bent or if removal appears difficult.
7. Inspect discharge lever for dirt or corrosion that might impair freedom of movement. Inspect carrying handle for proper installation. If lever, handle or rivets are damaged or distorted replace with proper parts.
8. Discharge all pressure and powder or foam making sure there is no remaining air pressure.
9. Remove hose & nozzle assembly. Inspect hose gasket (o-ring), hose and nozzle assembly for damage, replace as necessary. Blow air through hose & nozzle to insure passage is clear of foreign material.
10. Remove the valve assembly and disassemble by removing downtube assembly, spring and valve stem assembly. Remove collar o-ring from the valve and plastic fill tube from the cylinder.
11. Thoroughly rinse all parts with clean water and wipe dry with a soft cloth. Blow the valve out with air or nitrogen. Inspect the collar o-ring, valve stem and spring – replace parts if worn or damaged. Lubricate the collar o-ring and small o-ring on the valve stem. If it is cracked, deformed or does not have a threaded brass spring retainer replace and inspect downtube o-ring, replace if necessary.
12. Completely empty the cylinder and clean with compressed air and inspect the interior.

13. Refill the cylinder with dry powder or foam depending on the size of the fire extinguisher.

14. Install valve assembly to the cylinder and properly align. Over-tightening with a wrench will damage the valve.

15. Install filling adapter by attaching to the female valve outlet (where the hose assembly attaches). The pressure regulator should be set to no more than working pressure of the fire extinguisher.

16. Pressurize with Nitrogen Gas

17. Check the collar, gauge, air pressurizing valve, cylinder welds and valve orifice for leaks using leak detection fluid or a solution of soapy water. Remove leak detection fluid from the valve assembly by blowing out with air and wipe exterior of the extinguisher to dry.

18. Install hose and nozzle assembly.

19. Install ring pin with ring facing front of extinguisher. Weigh assembled extinguisher and confirm that the total weight is within the allowable tolerances indicated in the Maintenance section on the extinguisher nameplate.

20. Install new tamper seal, record recharge date and attach new recharge tag (Certification).

21. Rehang the extinguisher on the wall hanger bracket making sure that it fits the hanger bracket properly – replace the bracket if necessary.

## Dry Powder Filling Machine Extinguisher



## While Emptying Dry Powder Fire



# Carbon Dioxide Filling Machine, Nitrogen Filling Unit & Pneumatic Vice



## Pressurizing Fire Extinguisher with Nitrogen



## Inspection Tag

### FIRE EXTINGUISHER INSPECTION RECORD

TYPE: \_\_\_\_\_  
 SIZE: \_\_\_\_\_ SERIAL NO: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_ M. DATE: \_\_\_\_\_

MONTH	YEAR	SIGNATURE	MONTH	YEAR	SIGNATURE
JAN			JUL		
FEB			AUG		
MAR			SEP		
APR			OCT		
MAY			NOV		
JUN			DEC		

### MONTHLY FIRE EXTINGUISHER INSPECTION

Check if Fire Extinguisher is in its proper location

Check if service tag is not tampered

Check Pressure Gauge – If below operable range have extinguisher recharged

Check for apparent defects or condition that prevent operation