



# HILLS & FORT AQUAJETTING



**Your Emerging Partner for Hydro Blasting,  
Sand Blasting & Painting Services.!!**

[www.hfaquajetting.com](http://www.hfaquajetting.com)

# INTRODUCTION

We are sister company of ***“Hills & Fort Construction LLC”***, was established in 2007 as a Civil Contracting Company in United Arab Emirates

With time till today, Hills & Fort Construction diversified to many different activities such as Civil Contracting, Shoring, NDRC, MEP & Trading

At ***“Hills & Fort Aquajetting”*** We offer extensive High Pressure & Ultra high pressure industrial services to both Public and Private sector clients in and around United Arab Emirates

We are well equipped with abundant in-house resources to carry out Aqua-jetting, Sand-blasting & Protective Coating & Painting services.



## OUR SERVICES

- Industrial High Pressure Washing & Cleaning
- Hydro Blasting: SPS - WJ1 / WJ2 / WJ3
- Sand Blasting: SPS – SA1, SA2, SA2.5 & SA3
- Concrete Hydro Demolition & Cutting
- Protective Coating & Painting
- Hydro Abrasive Cold Cutting
- Heat Exchanger Cleaning
- Tank Cleaning
- Pipe Cleaning
- Sales & Rental of HP & UHP Pumps & Equipments





# HP WASHING – OIL & GAS, MARINE & POWER

High Pressure washing & cleaning with water pressures less than 10000 PSI (680 bar) & used to remove Oil, marine organism, flash rust, loose paint & salt from Industrial structures, Ship hull, Ballast tanks & Cargo holds.

Keeping your industrial facility sparkling at its best is our mission. When it comes to Industrial pressure washing service in & around UAE, you can count on us to get the job done right.



## MARINE HYDRO-BLASTING WJ-1, WJ-2 & WJ-3

At HFA, we have a large and diverse fleet of specialized hydro jetting equipment designed to safely and efficiently remove fouling and deposits i.e. oxides, scaling paint, grease, tar deposits & other marine deposits to help eliminate corrosion, rust & surface preparation for subsequent repair & coating application.

### Hydro-Blasting for Marine Surface Preparation:

Marine Vessel Surface Preparation with water pressures from 30000 PSI to 40000 PSI (2000 Bar – 2750 Bar) & used to achieve preparation up to WJ3 & WJ2 standards for re-coating the vessel above and below the water line, Ballast tanks & Cargo holds.

We carry out;

- Cleaning & surface preparation on Hull, superstructure, deck machinery, winches, gangways and anchor chains etc.
- General clean up operations on Dock floors, Walls & Tanks
- Removing burnt primer from weld seams
- Washing primed new build sections



# INDUSTRIAL HYDRO-JETTING

## SURFACE PREPARATION STANDARDS:

**WJ-1, WJ-2, WJ-3, SA 2, SA 2.5, SA 3**

Using ultra high pressure water jetting, We provides a variety of Hydro jetting services. These services are rapid and highly efficient ways of removing coatings & Surface preparation.

Our range of equipment & accessories allows us to take on the largest jobs, providing perfect results for the industrial clients and local government authorities. i.e. Oil & Gas, Power Plant, Petro Chemical, Civil & Construction etc. Using UHP up to 40,000 PSI, we can remove rust, strip paint, bitumen, epoxy resin, abrasive, cladding, polished concrete and many other coatings from almost any surface leaving it ready to be re-coated or re-used.

### **We Provide:**

Heat Exchanger Cleaning

Condenser Tubes Cleaning

Tank, Tower and Vessel Cleaning

Hydrostatic Testing & Low Pressure ID Cleaning





# CONCRETE HYDRO DEMOLITION & CUTTING

Hydro-Demolition is a technology that uses extremely high pressure water jets that are capable of removing concrete while not damaging the rebar. The practical application of this technique makes it an extremely effective and efficient method of concrete removal. This is due to two main factors, one being the direct impact of the water jet on the surface. The other is the porous nature of concrete, the high pressure water is forced into the tiny cavities and cracks within the concrete mass, causing it to fracture and split.

## Advantages of Hydro Demolition:

- # Quicker
- # Cost Effective
- # Quicker
- # Vibration Free Technique
- # Supporting Structure remain in place
- # No Damage to adjacent surface
- # Leaves an excellence bonding surface
- # Environment friendly



# ABRASIVE BLASTING / SAND BLASTING

Our qualified staff specialize in Abrasive blasting with a variety of blast media including sand, steel grit, steel shot, aluminum oxide, star blast, glass bead, and slag abrasives etc..

We Provide Abrasive Blasting Services for tanks, structural steel, bridge decking, light/cellular poles, fleet trailers, heavy equipment, pipe ID & OD, rail cars, and OEM items.

We offer various Surface preparation standards including but not limited to NACE, SSPC, ISO, ASTM, CSA, NSF, AWWA, CISC, AGA, WJTA





# PROTECTIVE COATING & PAINTING

Corrosion is a natural process that causes materials, usually metals, to deteriorate when they interact with water and oxygen. Salt speeds up corrosion, so coastal areas are particularly vulnerable.

Without undertaking prevention strategies, your business can be at risk of substantial losses due to damaged materials, equipment replacement costs, public liability claims, and lost business opportunities. While its occurrence can't be entirely eliminated, the cost of corrosion can be reduced through our protective coating services.



# HEAT EXCHANGER CLEANING

Plagued by a difficult deposit? Give us a call. Our team of dedicated engineers thrives on making your tough deposits disappear. Whether your problem is waterborne or a process deposit, we've got the field-proven technology to restore your heat exchangers to peak performance.

At HFA we offer a fast, efficient, safe, effective and technologically advanced solution for shell and tube heat exchanger cleaning. Whether you are a power plant, refinery, petrochemical plant or even a large marine vessel, HFA can effectively, and economically return your heat exchangers to peak performance. Our cleaning expertise allows cleaning of both horizontal or vertical exchangers in straight or u-tube bundle configurations.



# TANK CLEANING

We provide specialized industrial Tank cleaning services to Onshore & Offshore facility. We are fully equipped to clean tanks of all sizes and volumes, from small portable tote tanks to petroleum storage tanks

## **Fresh Water Tank Cleaning**

**Marine Vessel Tank Cleaning** - (Fuel, Oil, Water, Bilge & Ballast Tanks)

**Petroleum / Commercial / Chemical Tank Cleaning**

## **Our services and capabilities**

Clean Tanks, Vessels, Sumps, and Basins

Petroleum/Acids/Industrial Chemicals

High-Pressure Washing and Hydro-blasting

Process/Transfer Line Cleaning and Jetting

Steam and Chemical Cleaning

Multi-Media Blasting

Vacuum Truck and Tanker Services





# PIPE CLEANING

We offer a wide range of Pipeline Cleaning Services. Our Pipeline Cleaning Services are backed by robust service products and supported by our experienced service team. Grease, sludge, sand and debris are the main causes of drain line blockages. High pressure water jetting can be used to both unblock and clean drains and pipe work. A high pressure hose fitted with various nozzles allows jets of water to remove blockages and build ups of debris from your blocked drains. The most effective way to rid the pipe of these deposits is high pressure water jetting. Strong jets of water remove the deposits from the pipe wall. The deposits are flushed out of the pipe and the drain is returned to a free flowing condition.





## Hills & Fort Aquajetting LLC



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